

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082181.D
 Acq On : 17 May 2024 16:11
 Operator : JC\MD
 Sample : VN0517WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2024
 Supervised By : Mahesh Dadoda 05/20/2024

Quant Time: May 17 23:11:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	188061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154163	51.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	8.165	113	103616	52.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	10.565	98	393945	51.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.280%			
62) 4-Bromofluorobenzene	12.847	95	135922	49.918	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53771	19.832	ug/l	97
3) Chloromethane	2.365	50	58096	18.907	ug/l	98
4) Vinyl Chloride	2.518	62	56771	19.652	ug/l	100
5) Bromomethane	2.959	94	29537	17.789	ug/l	97
6) Chloroethane	3.124	64	38193	20.248	ug/l	98
7) Trichlorofluoromethane	3.500	101	76029	20.099	ug/l	100
8) Diethyl Ether	3.959	74	26992	20.030	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	43605	19.733	ug/l	99
10) Methyl Iodide	4.589	142	39663	17.855	ug/l	93
11) Tert butyl alcohol	5.518	59	49251	103.322	ug/l	98
12) 1,1-Dichloroethene	4.347	96	40930	19.928	ug/l #	82
13) Acrolein	4.183	56	29346	83.078	ug/l	98
14) Allyl chloride	5.030	41	91118	20.721	ug/l #	85
15) Acrylonitrile	5.718	53	126511	102.477	ug/l	99
16) Acetone	4.430	43	117918	96.801	ug/l	95
17) Carbon Disulfide	4.712	76	118927	17.928	ug/l	99
18) Methyl Acetate	5.024	43	62228	20.512	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	153456	20.441	ug/l	99
20) Methylene Chloride	5.277	84	49234	20.032	ug/l #	75
21) trans-1,2-Dichloroethene	5.788	96	42951	19.190	ug/l #	72
22) Diisopropyl ether	6.671	45	182585	19.885	ug/l #	91
23) Vinyl Acetate	6.606	43	733214	101.280	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	93224	19.698	ug/l	96
25) 2-Butanone	7.482	43	185038	100.188	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	77246	19.486	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	52354	19.820	ug/l	79
28) Bromochloromethane	7.812	49	43005	20.296	ug/l #	75
29) Tetrahydrofuran	7.841	42	121775	102.693	ug/l #	81
30) Chloroform	7.965	83	91320	20.206	ug/l	94
31) Cyclohexane	8.259	56	89794	18.933	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	81028	20.209	ug/l	94
36) 1,1-Dichloropropene	8.371	75	64631	19.367	ug/l	95
37) Ethyl Acetate	7.559	43	76189	20.400	ug/l #	93
38) Carbon Tetrachloride	8.365	117	67769	20.032	ug/l	96
39) Methylcyclohexane	9.606	83	72818	19.906	ug/l	90
40) Benzene	8.606	78	198246	19.921	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42886	19.525	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	76287	19.932	ug/l	95
43) Isopropyl Acetate	8.688	43	135826	20.525	ug/l #	88
44) Trichloroethene	9.353	130	44167	19.538	ug/l	98
45) 1,2-Dichloropropane	9.623	63	51255	19.962	ug/l	99
46) Dibromomethane	9.712	93	34099	20.228	ug/l	98
47) Bromodichloromethane	9.888	83	72276	20.310	ug/l #	95
48) Methyl methacrylate	9.682	41	63420	20.112	ug/l #	81
49) 1,4-Dioxane	9.694	88	19427	439.654	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	390265	103.795	ug/l	89
52) Toluene	10.629	92	121262	20.305	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	72357	19.659	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78961	20.268	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	44040	20.292	ug/l	97
56) Ethyl methacrylate	10.876	69	74938	20.338	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	81385	20.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	201680	106.116	ug/l	90
59) 2-Hexanone	11.200	43	286499	104.065	ug/l	89
60) Dibromochloromethane	11.359	129	50887	21.247	ug/l	100
61) 1,2-Dibromoethane	11.470	107	44514	19.969	ug/l	98
64) Tetrachloroethene	11.106	164	43857	20.498	ug/l	93
65) Chlorobenzene	11.894	112	127921	20.060	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	43903	20.901	ug/l	99
67) Ethyl Benzene	11.965	91	227737	19.964	ug/l	95
68) m/p-Xylenes	12.070	106	169300	40.493	ug/l	93
69) o-Xylene	12.400	106	80648	19.913	ug/l	92
70) Styrene	12.412	104	134550	20.001	ug/l	95
71) Bromoform	12.576	173	31702	19.411	ug/l #	98
73) Isopropylbenzene	12.694	105	209544	19.900	ug/l	97
74) N-amyl acetate	12.494	43	113490	19.594	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	60857	20.050	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	58906m	21.116	ug/l	
77) Bromobenzene	12.982	156	49727	19.817	ug/l	88
78) n-propylbenzene	13.035	91	251602	20.178	ug/l	94
79) 2-Chlorotoluene	13.123	91	152539	19.482	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	175165	20.573	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	22021	18.463	ug/l #	80
82) 4-Chlorotoluene	13.223	91	149345	19.509	ug/l	95
83) tert-Butylbenzene	13.441	119	146904	19.722	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	173828	19.955	ug/l	97
85) sec-Butylbenzene	13.617	105	205529	19.907	ug/l	97
86) p-Isopropyltoluene	13.729	119	170357	20.303	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	87595	19.268	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	89021	19.186	ug/l	95
89) n-Butylbenzene	14.059	91	145650	19.313	ug/l	98
90) Hexachloroethane	14.335	117	30099	19.361	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	86876	20.188	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12857	20.616	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	45509	18.866	ug/l	96
94) Hexachlorobutadiene	15.500	225	19792	18.699	ug/l	99
95) Naphthalene	15.641	128	145879	19.298	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	46343	19.191	ug/l	97

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ClientSampleId :
VN0517WBSD01

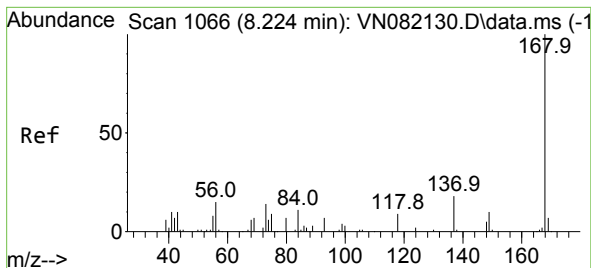
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

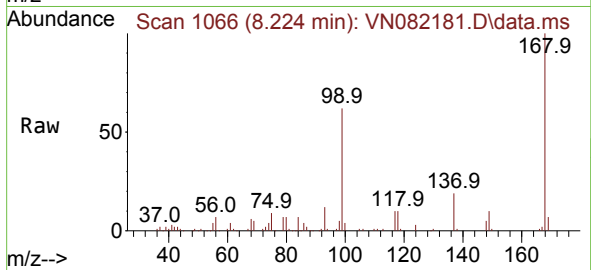
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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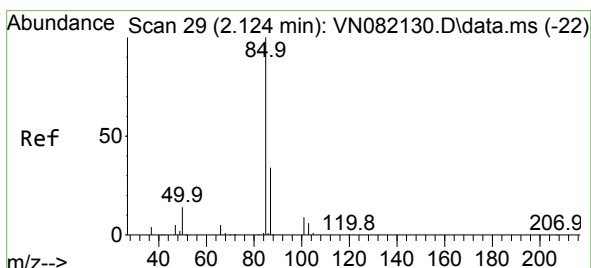
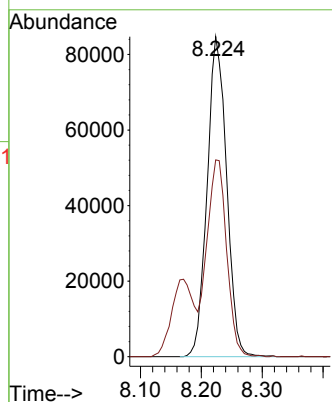
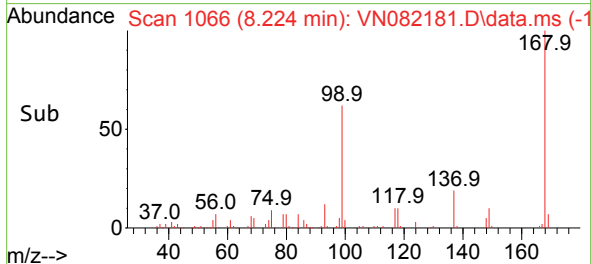
Instrument :
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ClientSampleId :
VN0517WBSD01



Tgt Ion:168 Resp: 18806
Ion Ratio Lower Upper
168 100
99 61.5 48.2 72.4

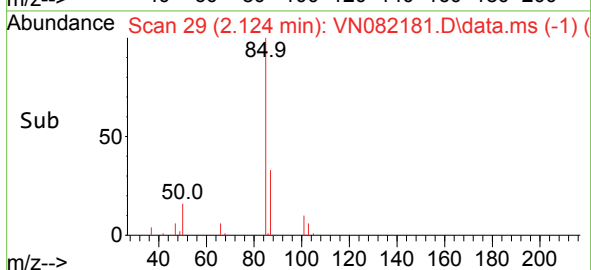
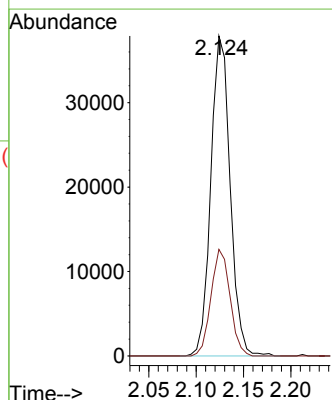
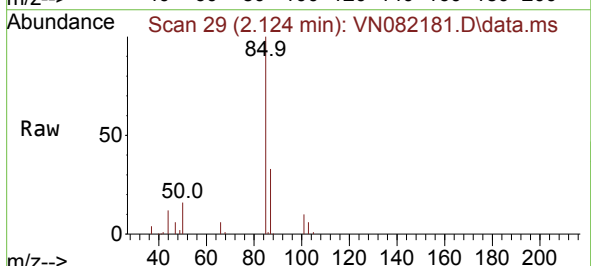
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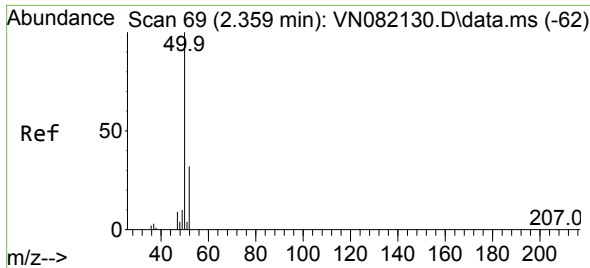
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#2
Dichlorodifluoromethane
Concen: 19.832 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

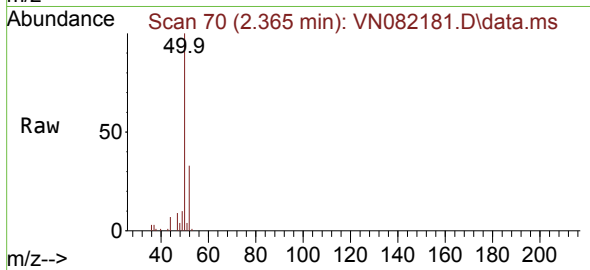
Tgt Ion: 85 Resp: 53771
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 18.907 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

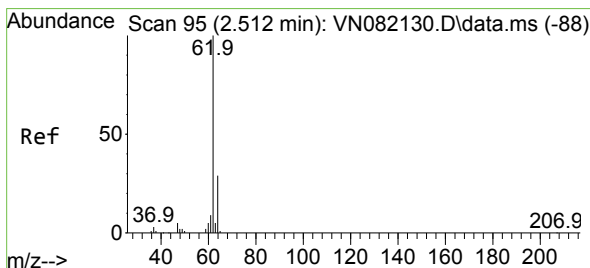
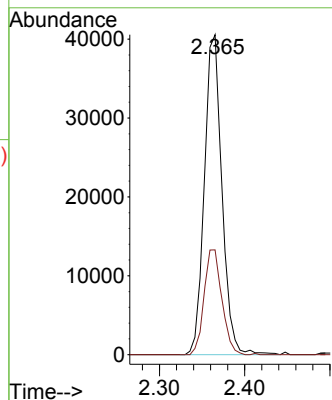
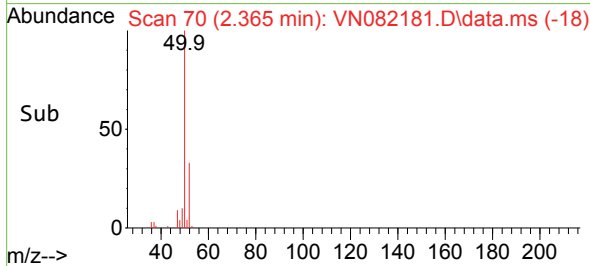
Instrument :
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Tgt Ion: 50 Resp: 58090
Ion Ratio Lower Upper
50 100
52 32.8 25.5 38.3

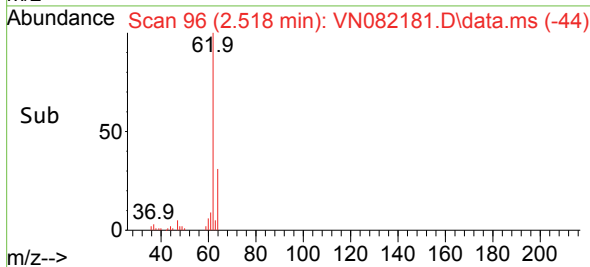
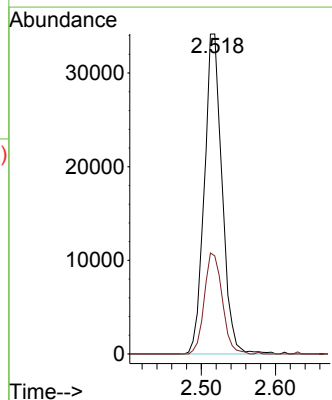
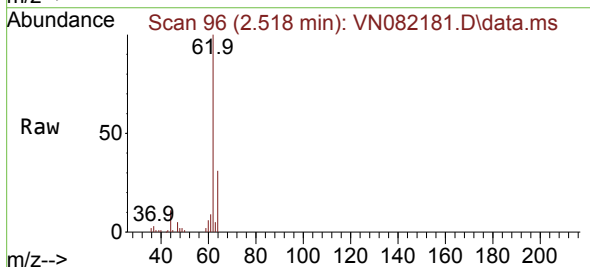
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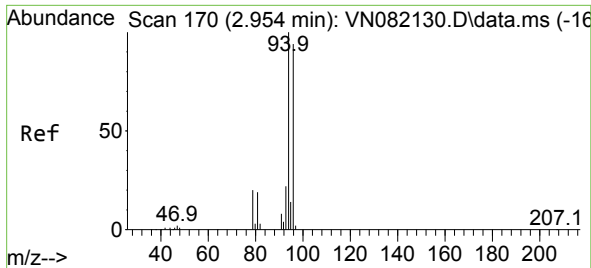
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#4
Vinyl Chloride
Concen: 19.652 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

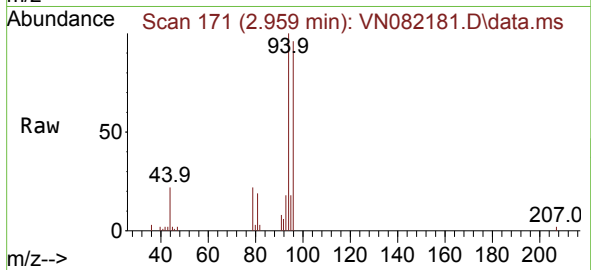
Tgt Ion: 62 Resp: 56771
Ion Ratio Lower Upper
62 100
64 30.7 24.6 37.0





#5
Bromomethane
Concen: 17.789 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082181.D
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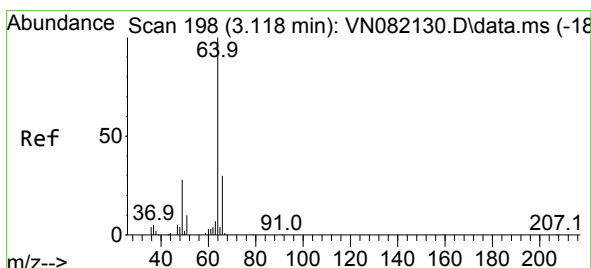
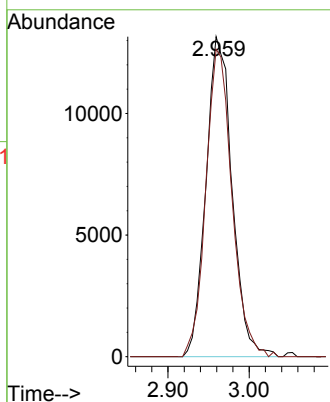
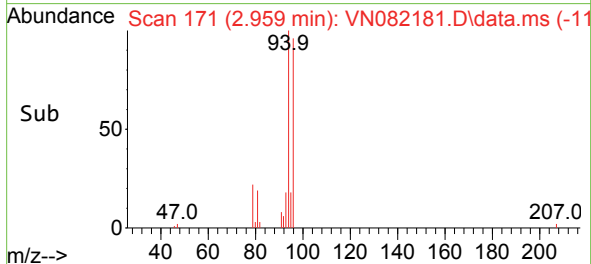
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Tgt Ion: 94 Resp: 2953
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2

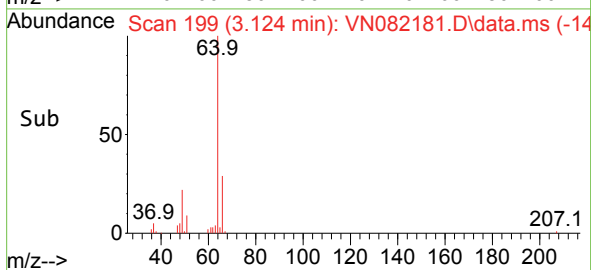
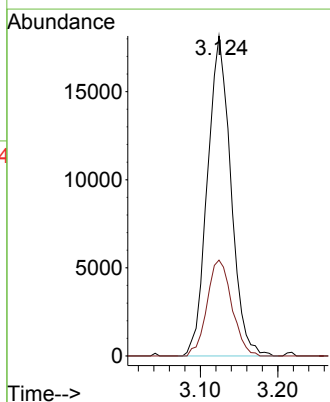
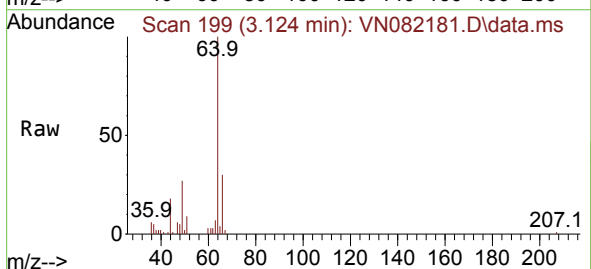
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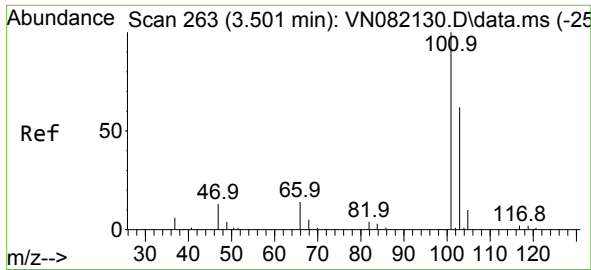
Reviewed By :John Carlone 05/20/2024
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#6
Chloroethane
Concen: 20.248 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082181.D
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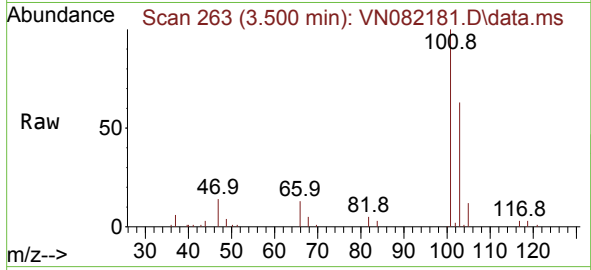
Tgt Ion: 64 Resp: 38193
Ion Ratio Lower Upper
64 100
66 29.9 24.7 37.1





#7
Trichlorofluoromethane
Concen: 20.099 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

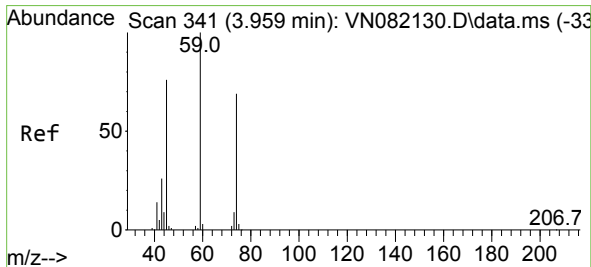
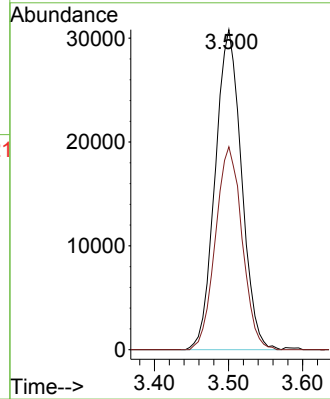
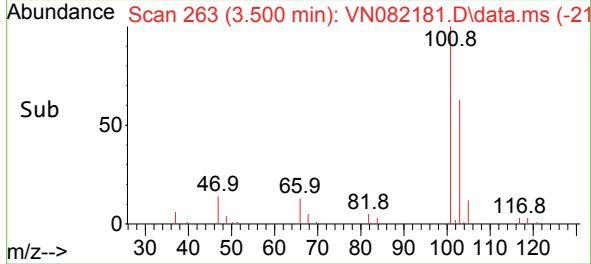
Instrument :
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Tgt Ion:101 Resp: 76029
Ion Ratio Lower Upper
101 100
103 63.4 50.6 75.8

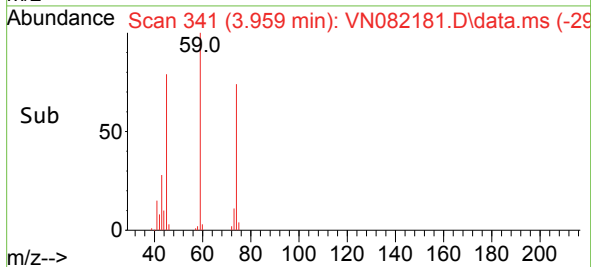
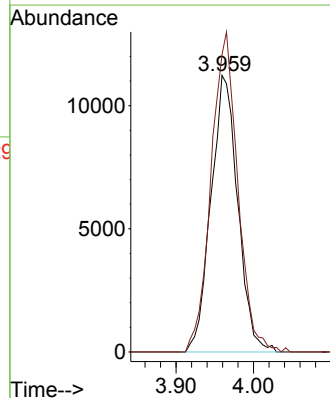
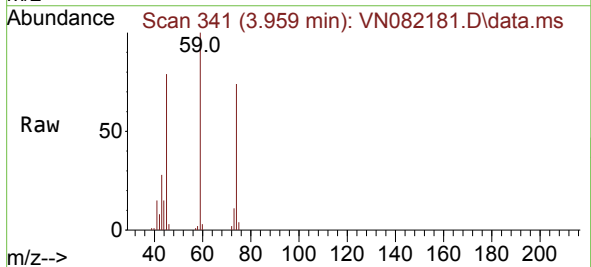
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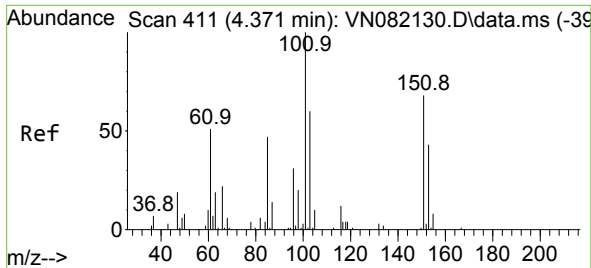
Reviewed By :John Carlone 05/20/2024
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#8
Diethyl Ether
Concen: 20.030 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN082181.D
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Tgt Ion: 74 Resp: 26992
Ion Ratio Lower Upper
74 100
45 115.5 42.4 127.3





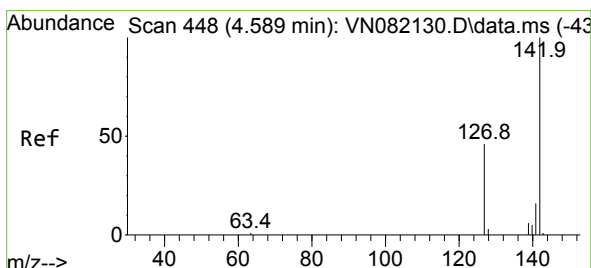
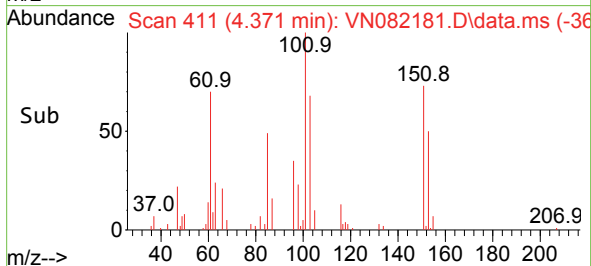
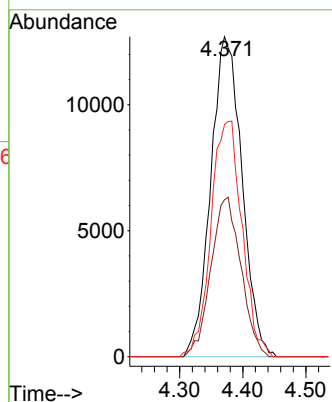
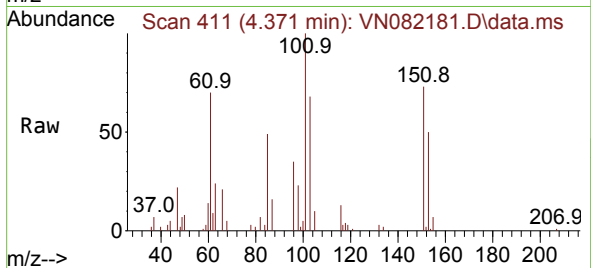
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.733 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:101 Resp: 4360
Ion Ratio Lower Upper
101 100
85 48.0 37.3 55.9
151 73.2 59.2 88.8

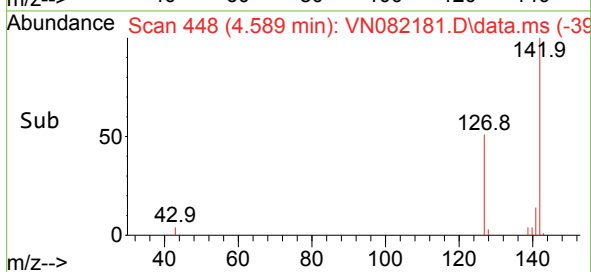
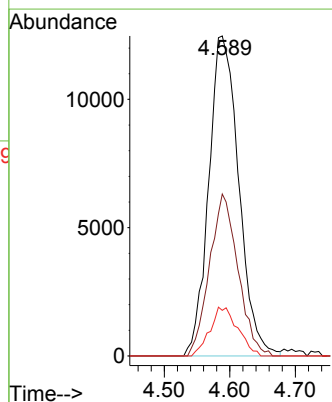
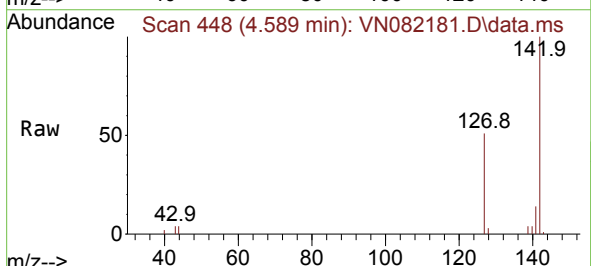
Manual Integrations
APPROVED

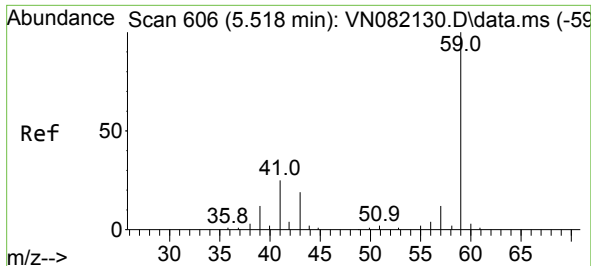
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#10
Methyl Iodide
Concen: 17.855 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

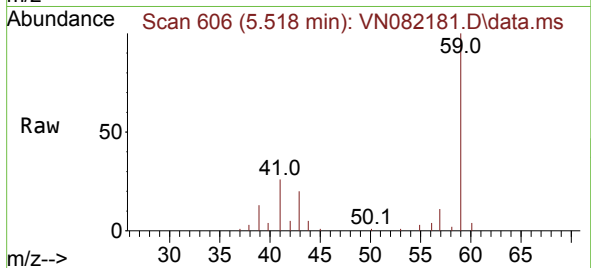
Tgt Ion:142 Resp: 39663
Ion Ratio Lower Upper
142 100
127 50.6 35.8 53.6
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 103.322 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

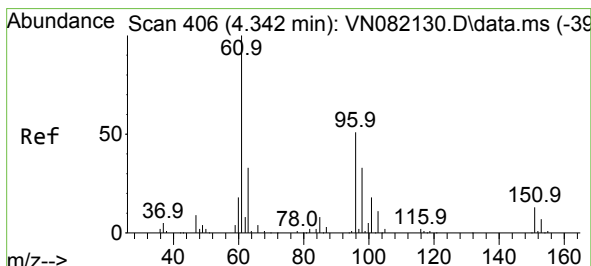
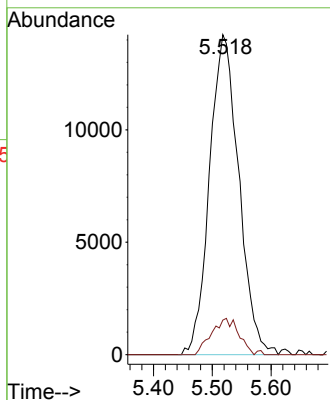
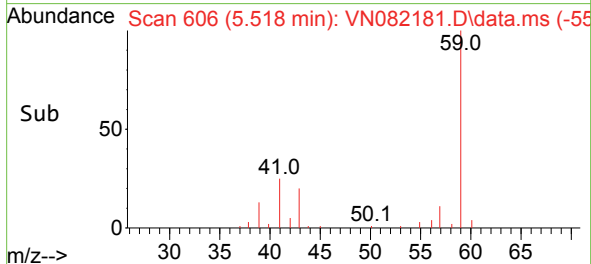
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



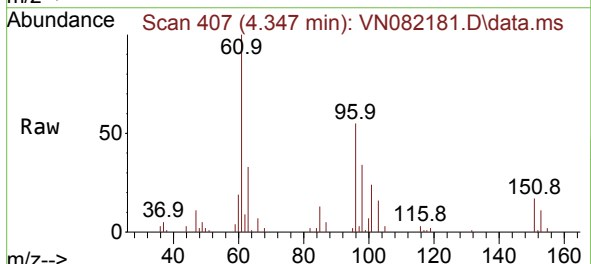
Tgt Ion: 59 Resp: 4925
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3

Manual Integrations
APPROVED

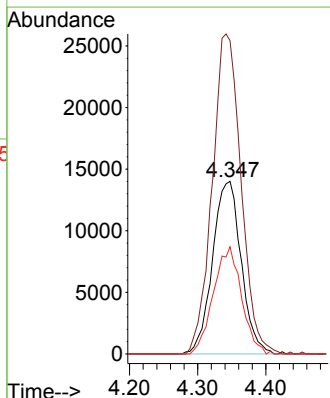
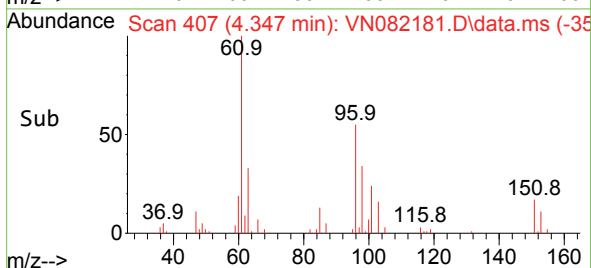
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

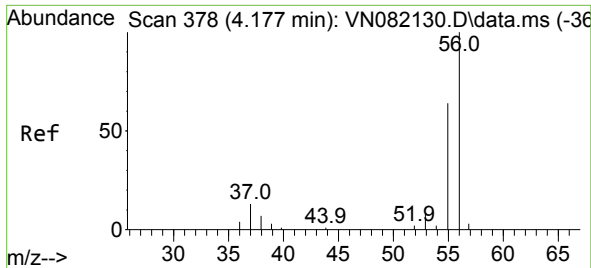


#12
1,1-Dichloroethene
Concen: 19.928 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



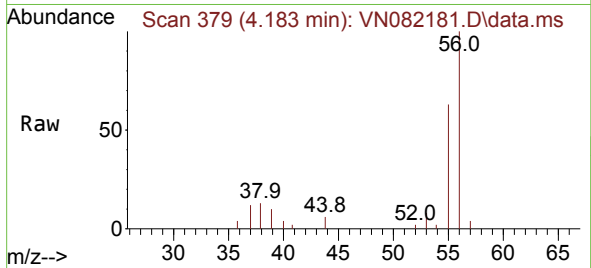
Tgt Ion: 96 Resp: 40930
Ion Ratio Lower Upper
96 100
61 181.5 119.7 179.5#
98 62.1 49.6 74.4





#13
Acrolein
Concen: 83.078 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

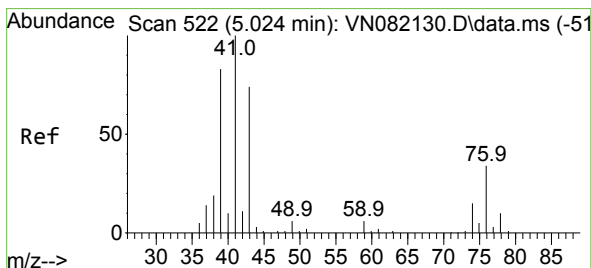
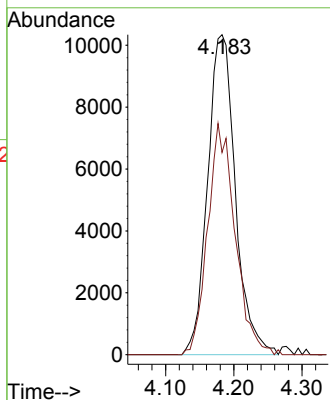
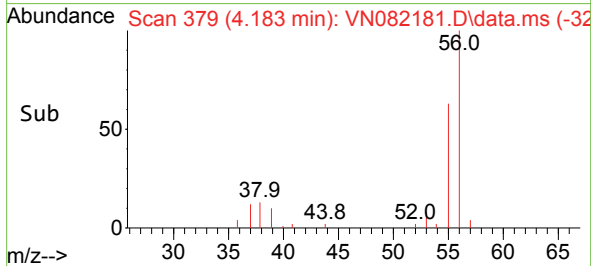
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 56 Resp: 29340
Ion Ratio Lower Upper
56 100
55 71.5 55.8 83.8

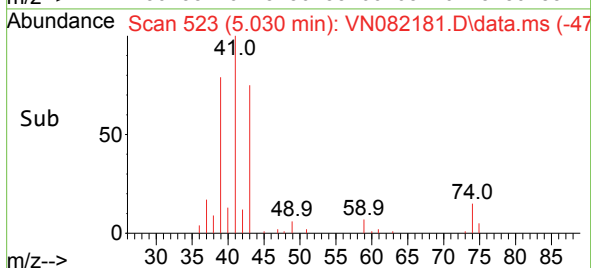
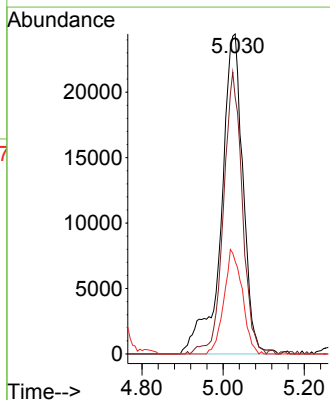
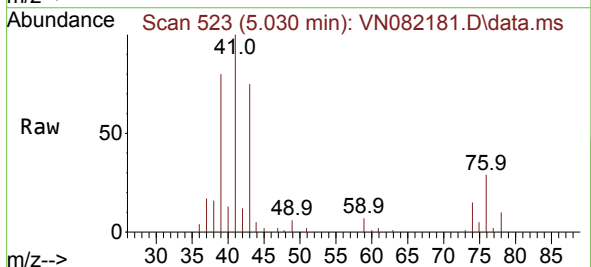
Manual Integrations
APPROVED

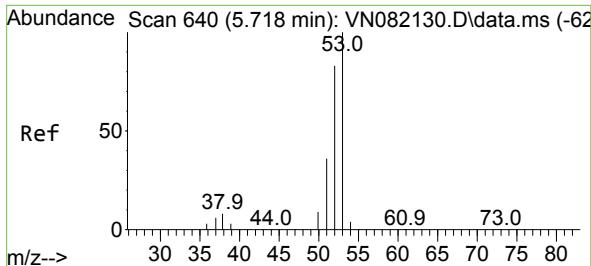
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#14
Allyl chloride
Concen: 20.721 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

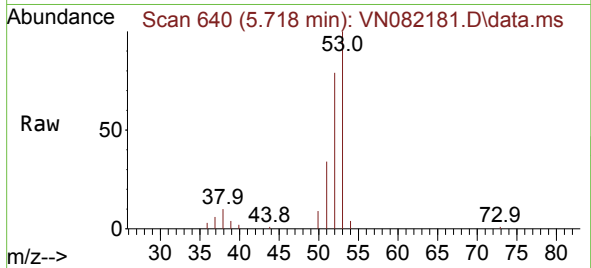
Tgt Ion: 41 Resp: 91118
Ion Ratio Lower Upper
41 100
39 76.0 65.4 98.0
76 27.4 37.3 55.9#





#15
Acrylonitrile
Concen: 102.477 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

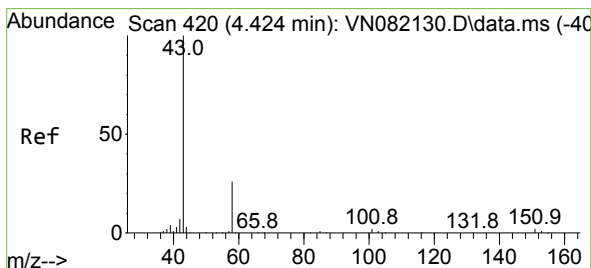
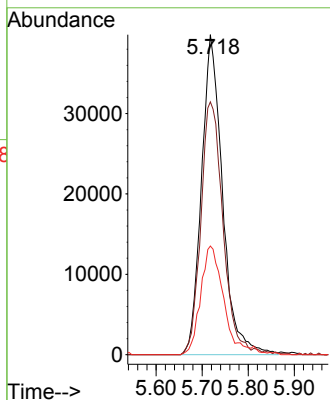
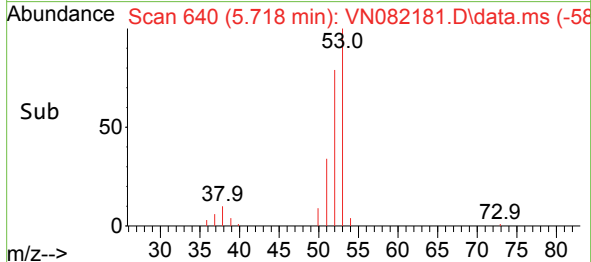
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



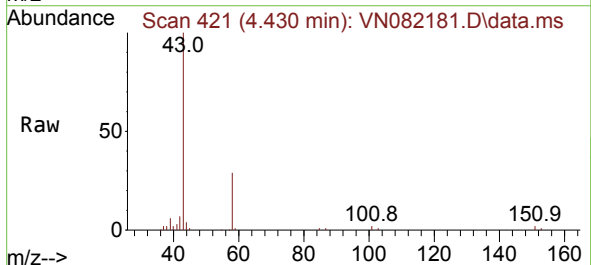
Tgt Ion: 53 Resp: 12651
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.6 29.4 44.2

Manual Integrations
APPROVED

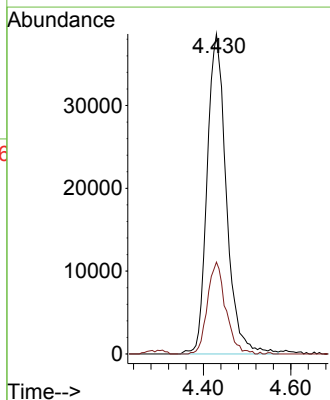
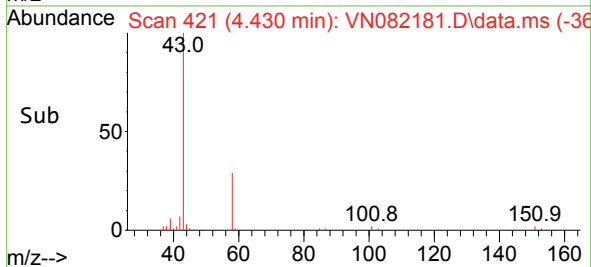
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

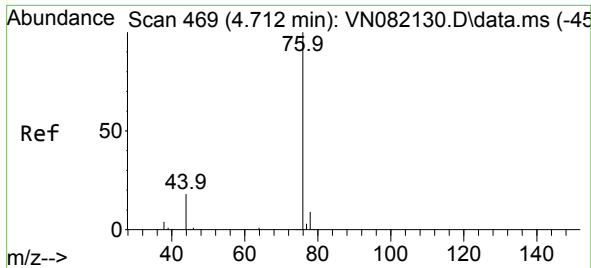


#16
Acetone
Concen: 96.801 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



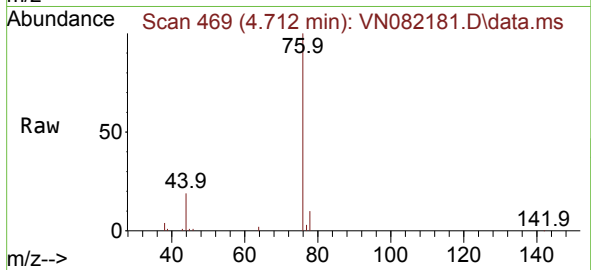
Tgt Ion: 43 Resp: 117918
Ion Ratio Lower Upper
43 100
58 28.7 25.2 37.8





#17
Carbon Disulfide
Concen: 17.928 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

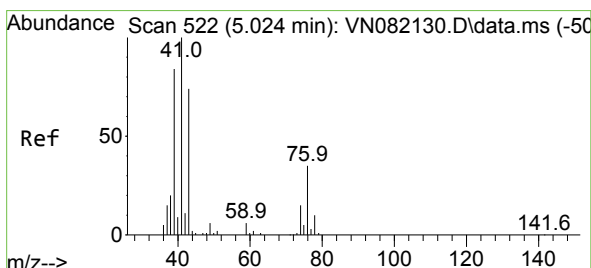
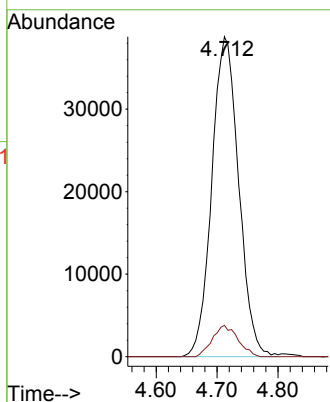
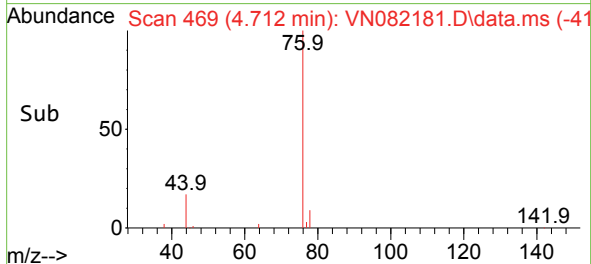
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 76 Resp: 11892
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

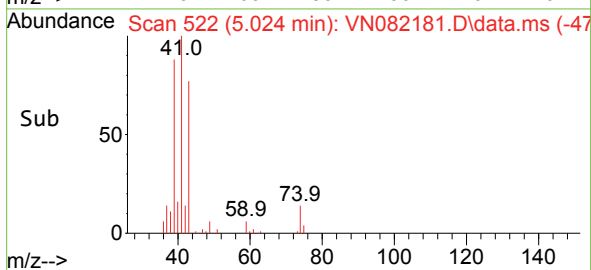
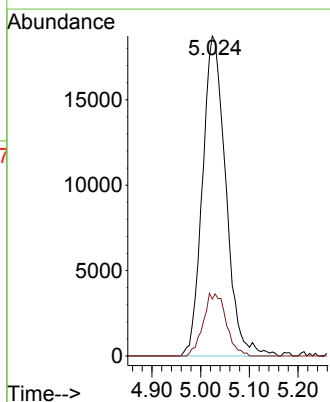
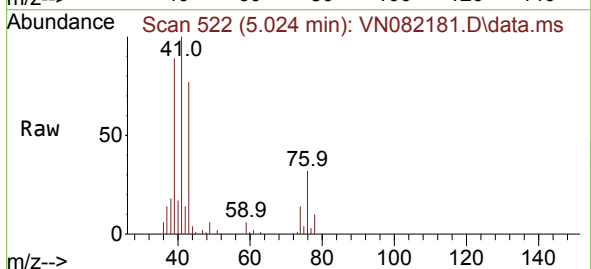
Manual Integrations
APPROVED

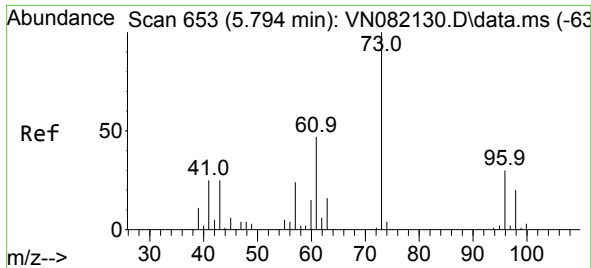
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#18
Methyl Acetate
Concen: 20.512 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

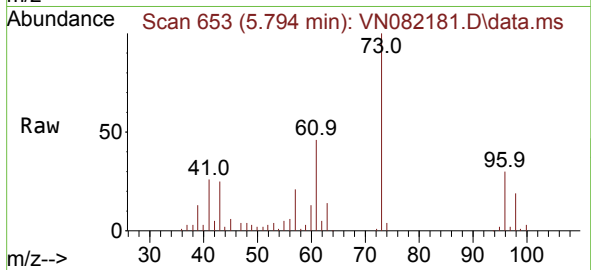
Tgt Ion: 43 Resp: 62228
Ion Ratio Lower Upper
43 100
74 19.2 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 20.441 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

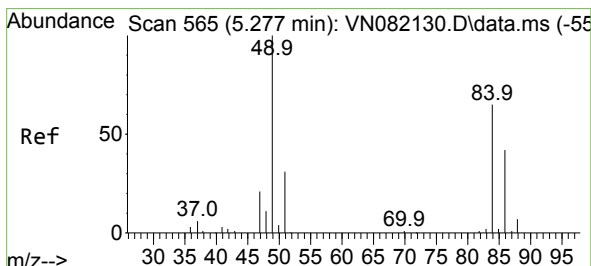
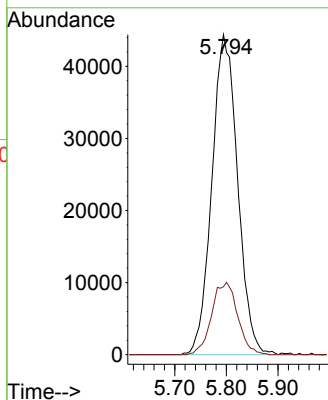
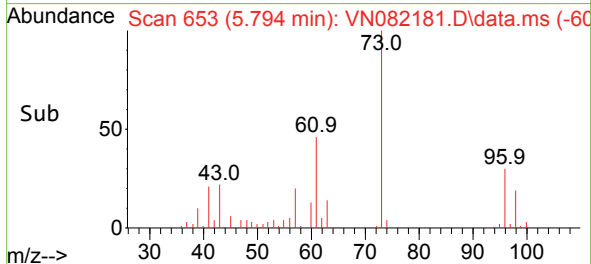
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 73 Resp: 153456
Ion Ratio Lower Upper
73 100
57 21.3 16.5 24.7

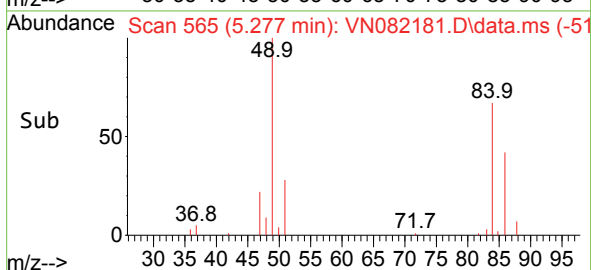
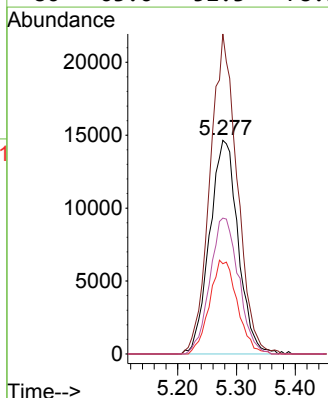
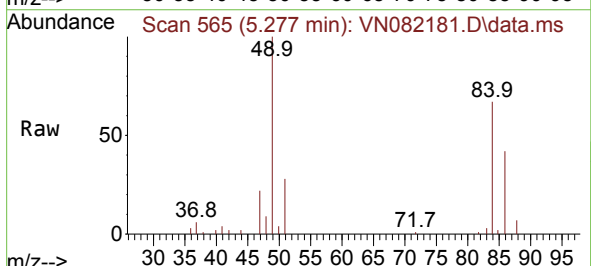
Manual Integrations
APPROVED

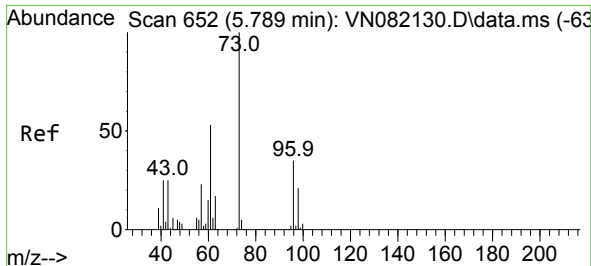
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#20
Methylene Chloride
Concen: 20.032 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

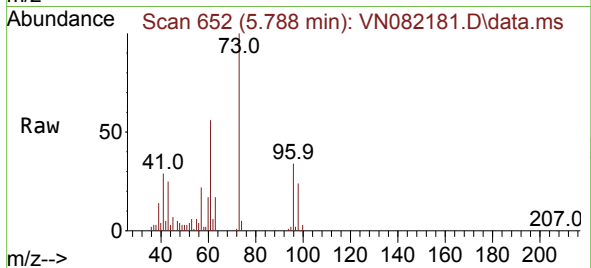
Tgt Ion: 84 Resp: 49234
Ion Ratio Lower Upper
84 100
49 149.8 84.9 127.3#
51 42.2 27.0 40.6#
86 63.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.190 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

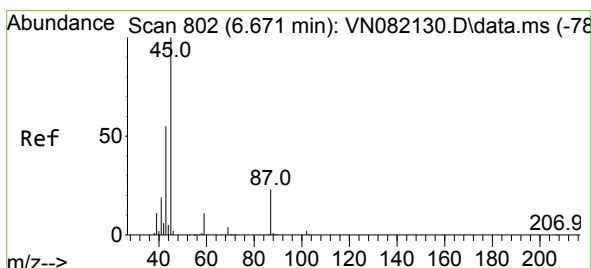
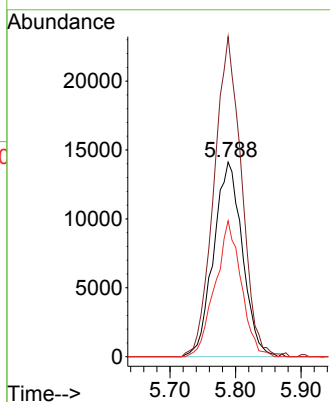
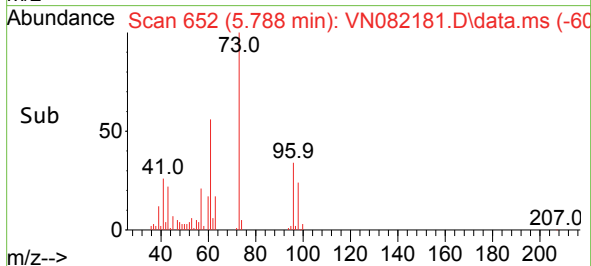
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 96 Resp: 4295
Ion Ratio Lower Upper
96 100
61 164.5 96.5 144.7
98 69.8 51.3 76.9

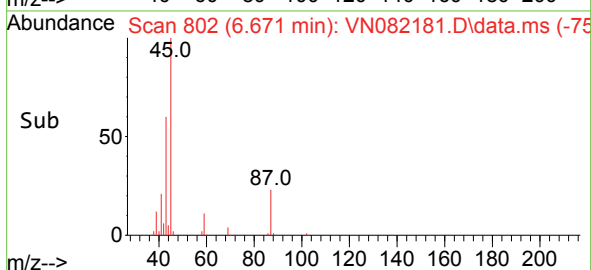
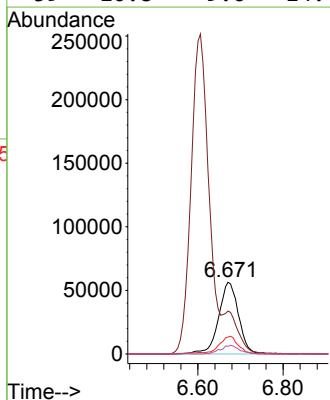
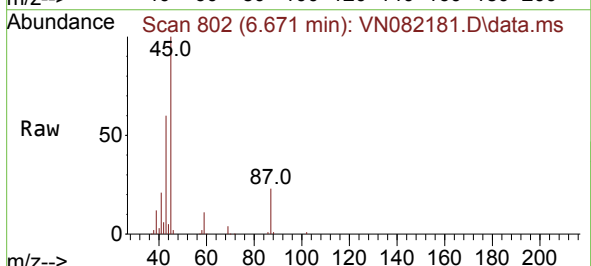
Manual Integrations
APPROVED

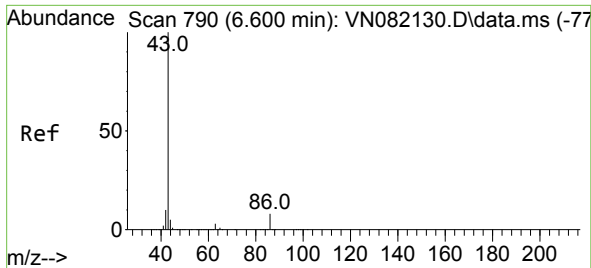
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#22
Diisopropyl ether
Concen: 19.885 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

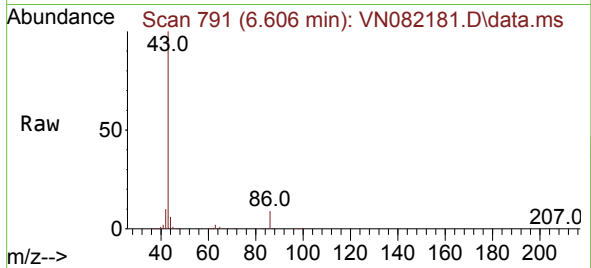
Tgt Ion: 45 Resp: 182585
Ion Ratio Lower Upper
45 100
43 59.0 44.1 66.1
87 23.4 27.0 40.6
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 101.280 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

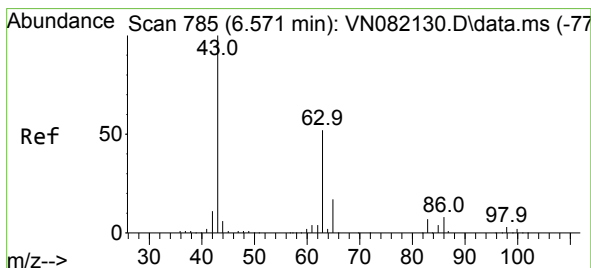
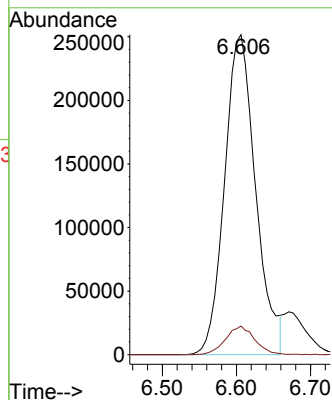
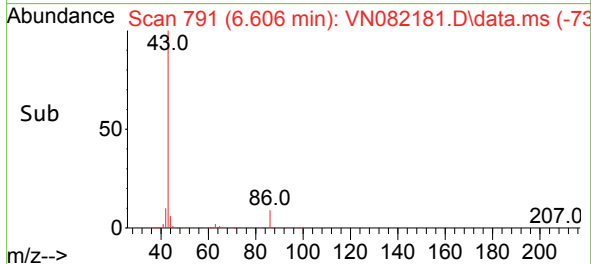
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



Tgt Ion: 43 Resp: 733214
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.2 15.4

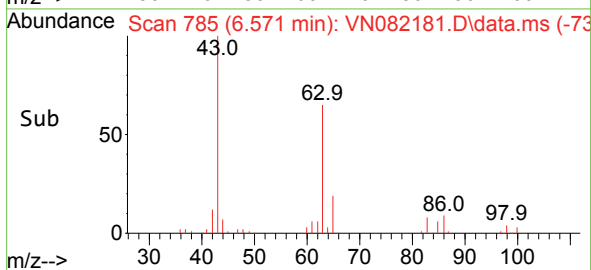
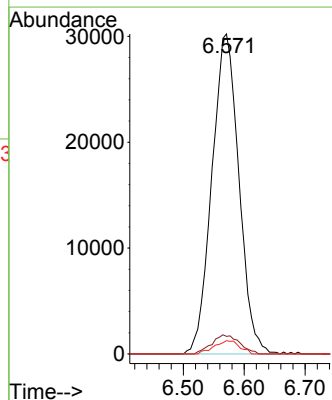
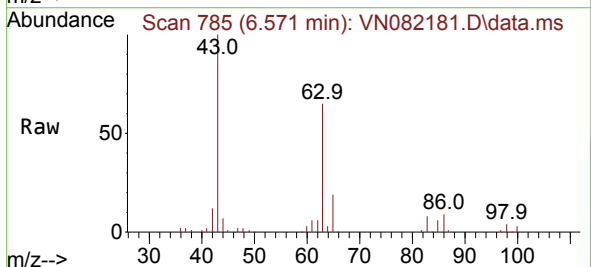
Manual Integrations
 APPROVED

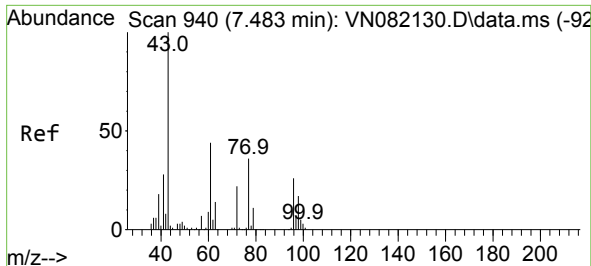
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.698 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

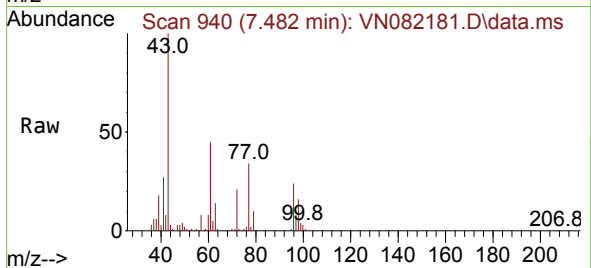
Tgt Ion: 63 Resp: 93224
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.6 10.9
 100 4.1 2.6 7.8





#25
2-Butanone
Concen: 100.188 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

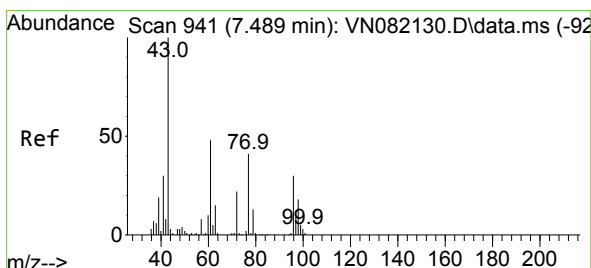
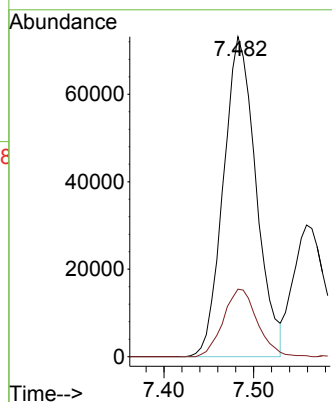
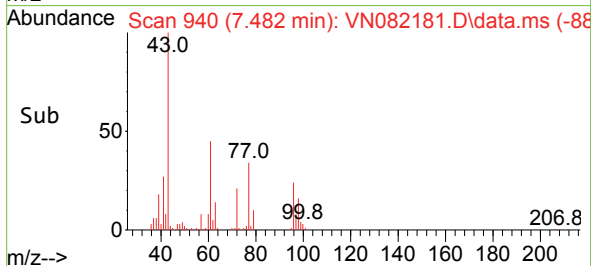
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 185038
Ion Ratio Lower Upper
43 100
72 21.1 25.3 37.9

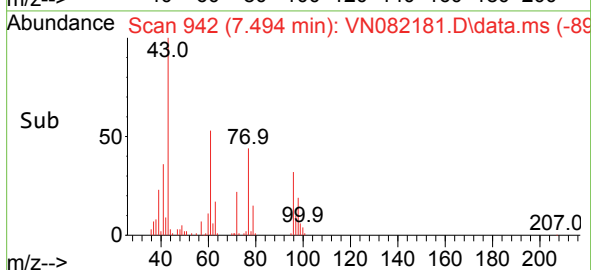
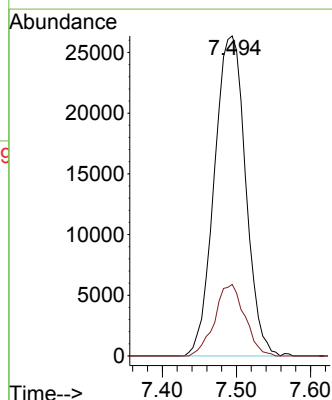
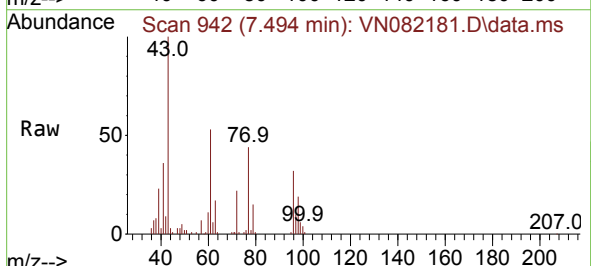
Manual Integrations
APPROVED

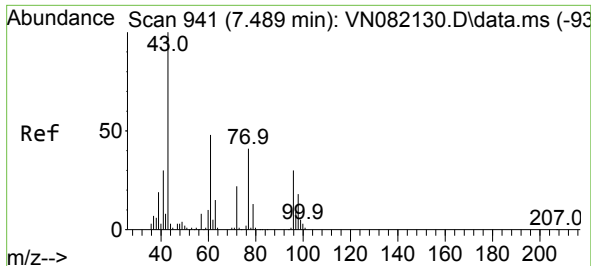
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#26
2,2-Dichloropropane
Concen: 19.486 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

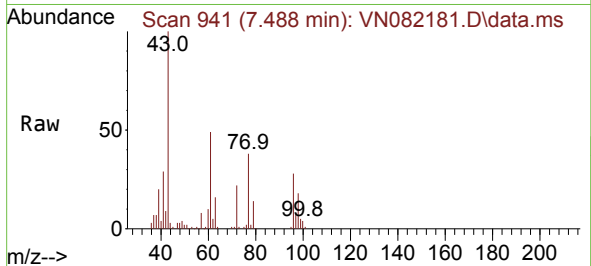
Tgt Ion: 77 Resp: 77246
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 19.820 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

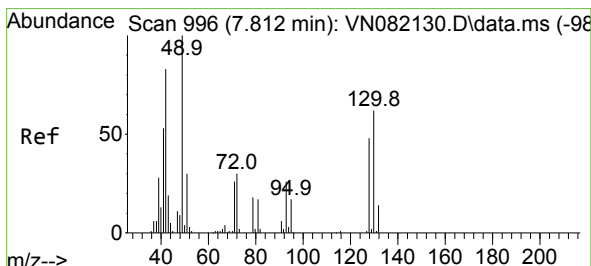
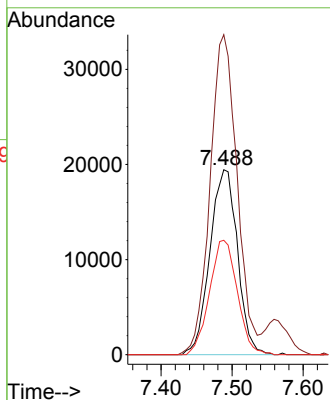
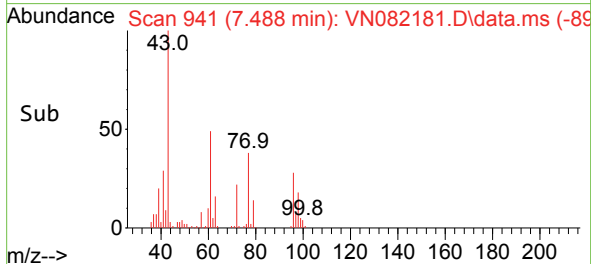
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 96 Resp: 52354
Ion Ratio Lower Upper
96 100
61 169.2 0.0 268.0
98 62.5 0.0 126.8

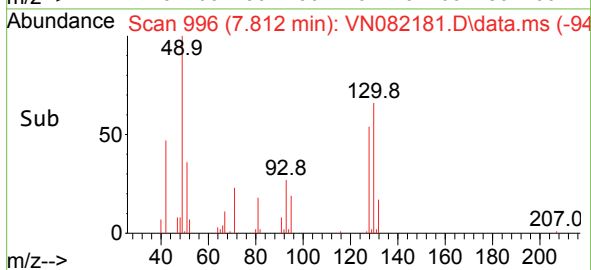
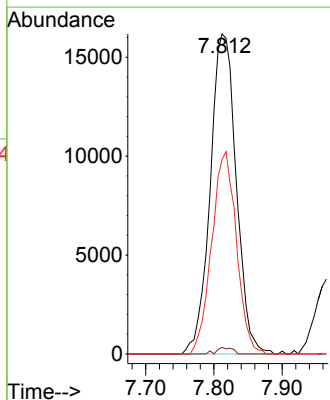
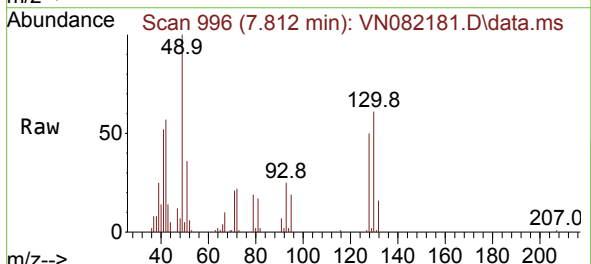
Manual Integrations
APPROVED

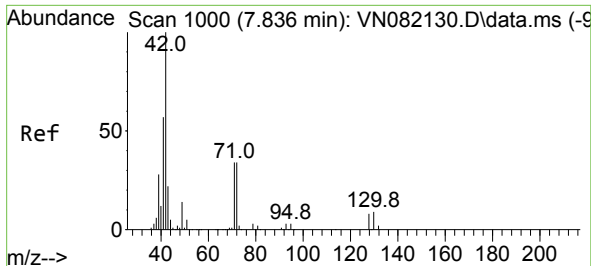
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#28
Bromochloromethane
Concen: 20.296 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion: 49 Resp: 43005
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 60.0 66.7 100.1#





#29

Tetrahydrofuran

Concen: 102.693 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.005 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 42 Resp: 121775

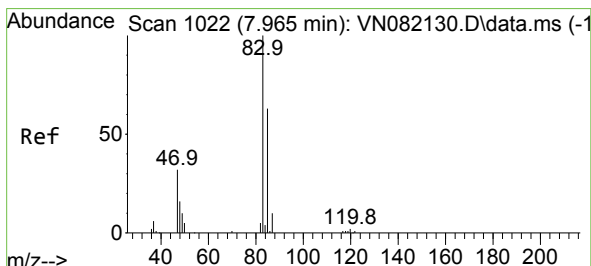
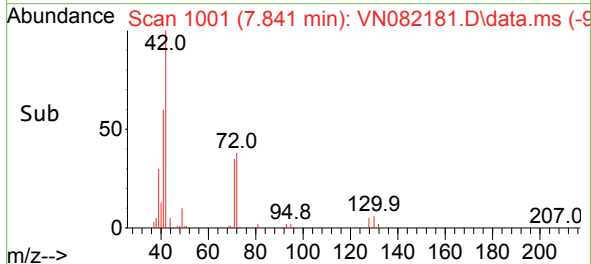
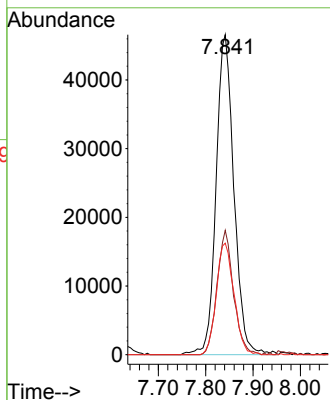
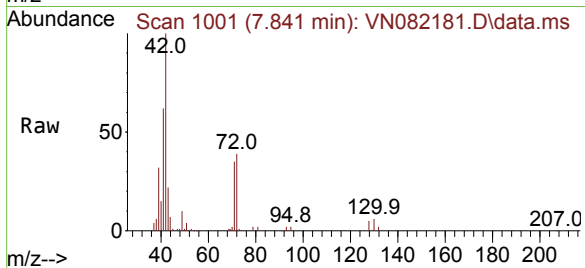
Ion	Ratio	Lower	Upper
42	100		
72	35.9	39.3	58.9
71	34.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#30

Chloroform

Concen: 20.206 ug/l

RT: 7.965 min Scan# 1022

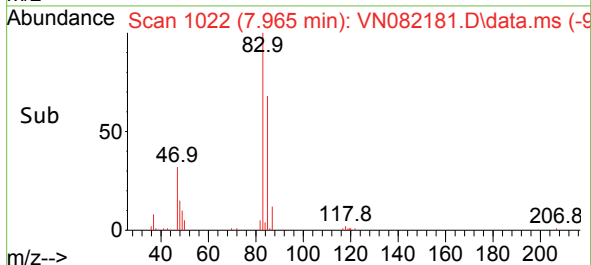
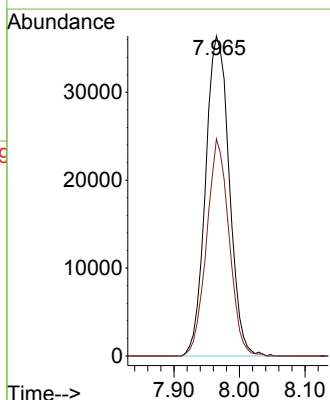
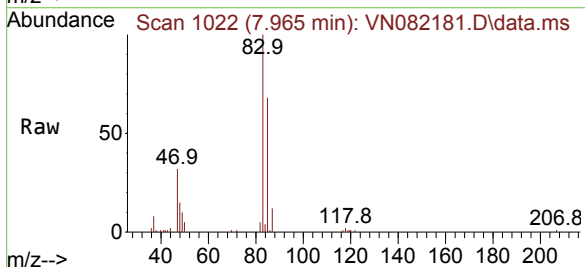
Delta R.T. -0.000 min

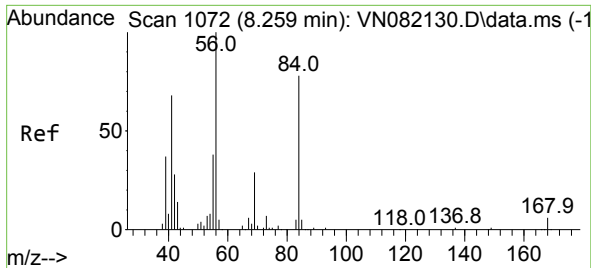
Lab File: VN082181.D

Acq: 17 May 2024 16:11

Tgt Ion: 83 Resp: 91320

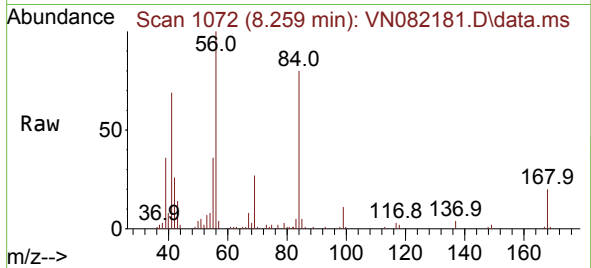
Ion	Ratio	Lower	Upper
83	100		
85	67.8	50.7	76.1





#31
Cyclohexane
Concen: 18.933 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

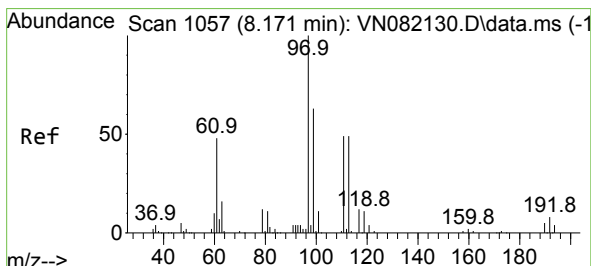
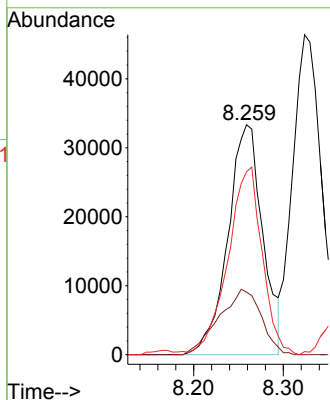
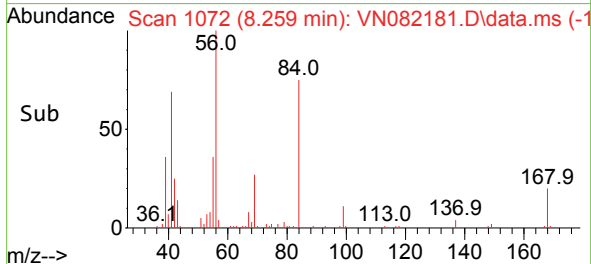
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 56 Resp: 89794
Ion Ratio Lower Upper
56 100
69 27.2 24.4 36.6
84 78.3 77.0 115.4

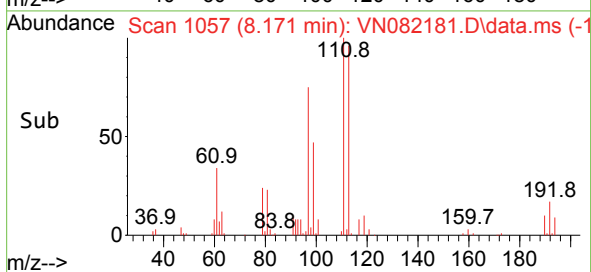
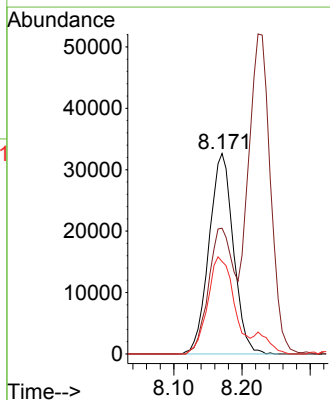
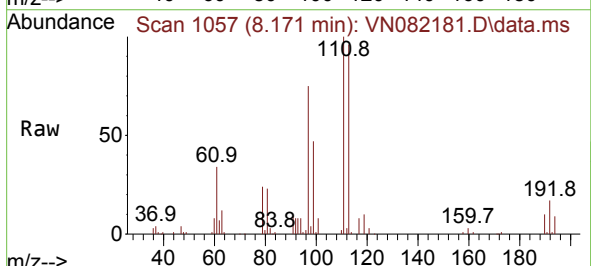
Manual Integrations
APPROVED

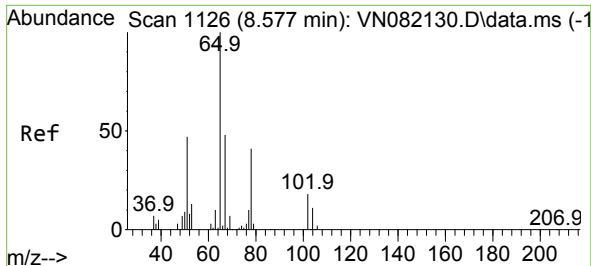
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#32
1,1,1-Trichloroethane
Concen: 20.209 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion: 97 Resp: 81028
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 52.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.915 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 65 Resp: 15416

Ion Ratio Lower Upper

65 100

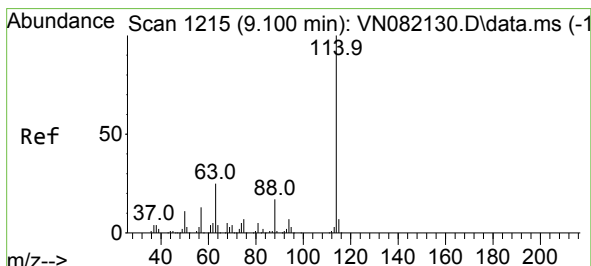
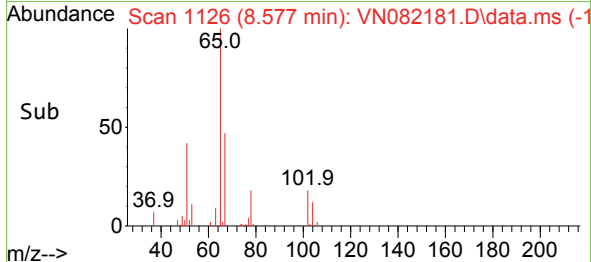
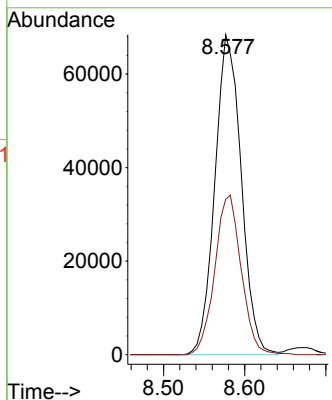
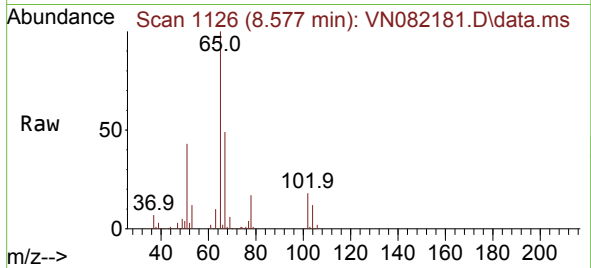
67 50.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

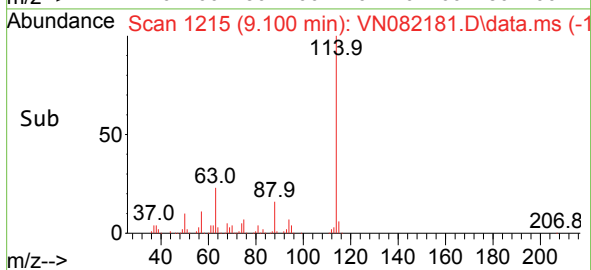
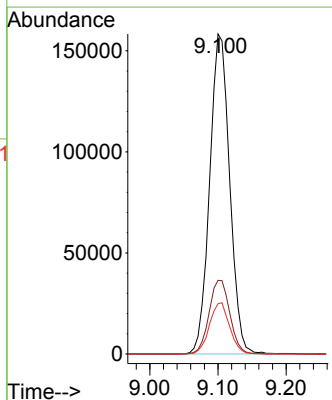
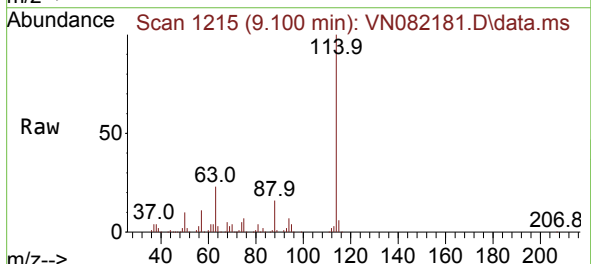
Tgt Ion:114 Resp: 323464

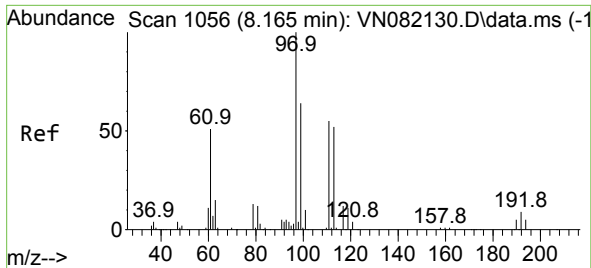
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

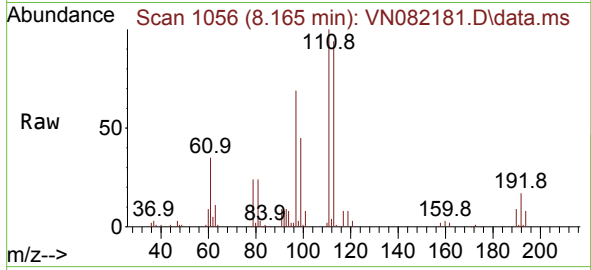
88 15.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.074 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

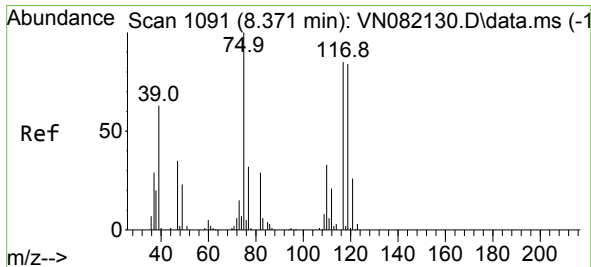
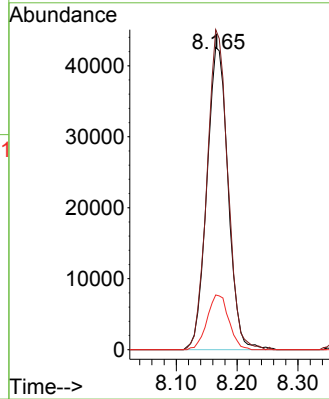
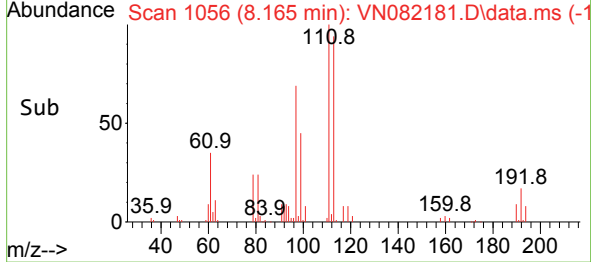
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:113 Resp: 103610
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 18.4 14.0 21.0

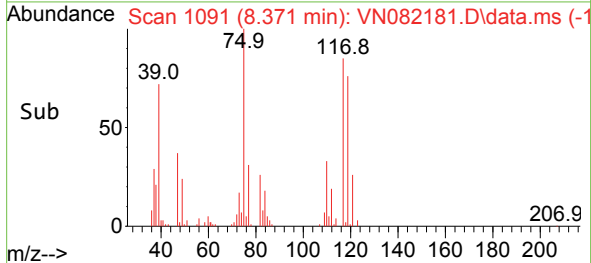
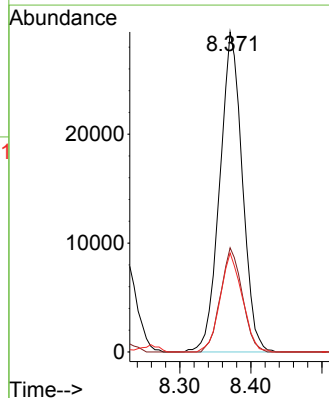
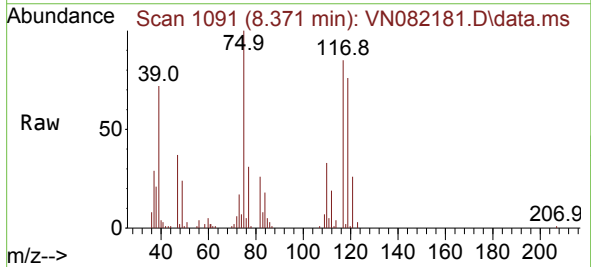
Manual Integrations
APPROVED

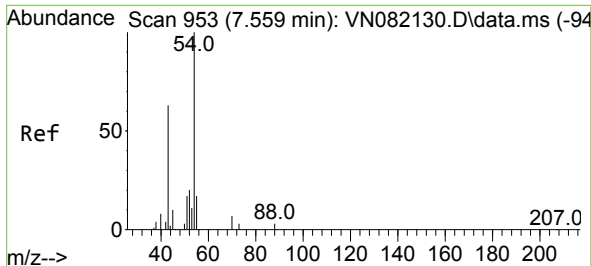
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#36
1,1-Dichloropropene
Concen: 19.367 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

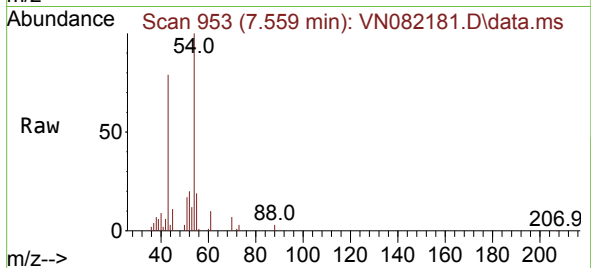
Tgt Ion: 75 Resp: 64631
Ion Ratio Lower Upper
75 100
110 31.4 17.8 53.5
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 20.400 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

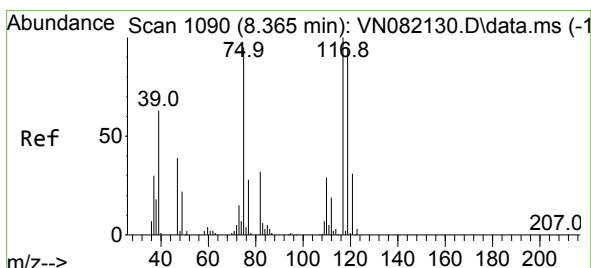
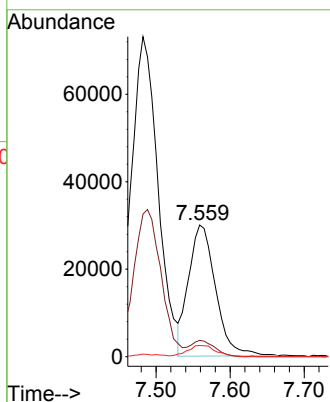
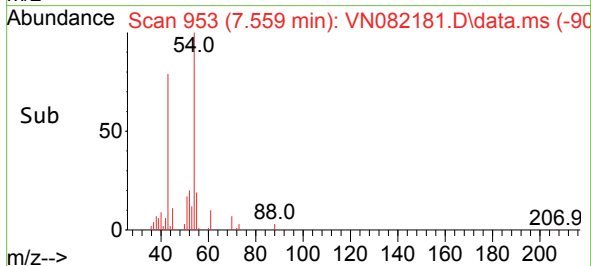
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 76189
Ion Ratio Lower Upper
43 100
61 10.5 11.3 16.9
70 9.0 8.7 13.1

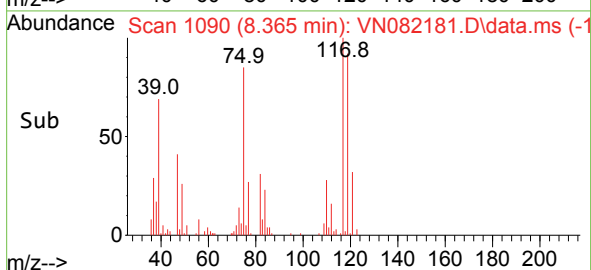
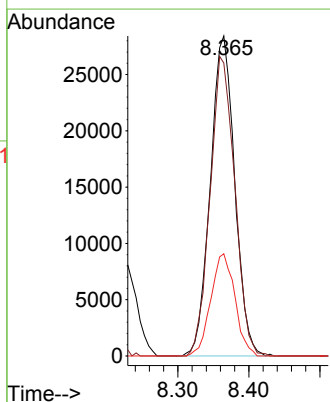
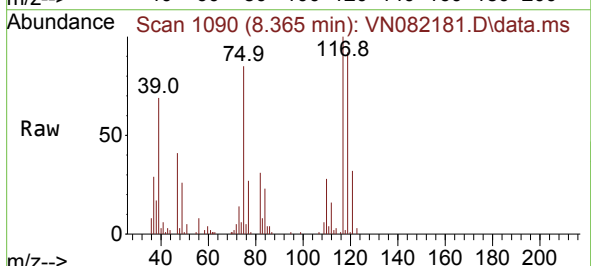
Manual Integrations
APPROVED

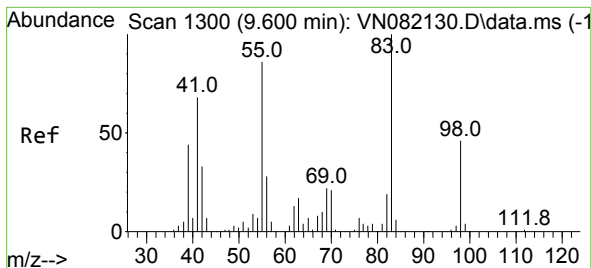
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#38
Carbon Tetrachloride
Concen: 20.032 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion:117 Resp: 67769
Ion Ratio Lower Upper
117 100
119 91.5 76.5 114.7
121 32.0 23.9 35.9





#39

Methylcyclohexane

Concen: 19.906 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 83 Resp: 72818

Ion Ratio Lower Upper

83 100

55 77.6 53.0 79.6

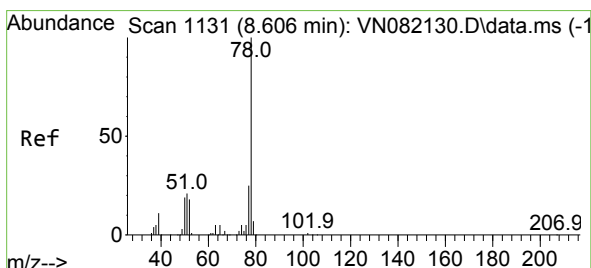
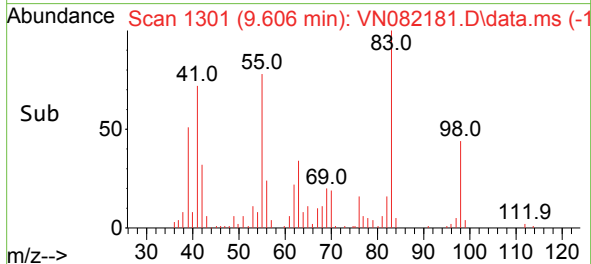
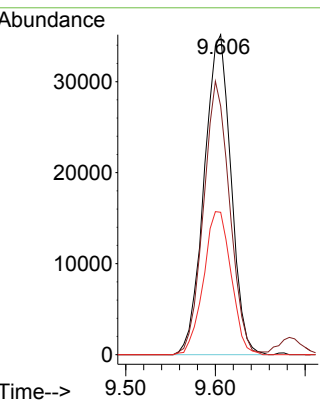
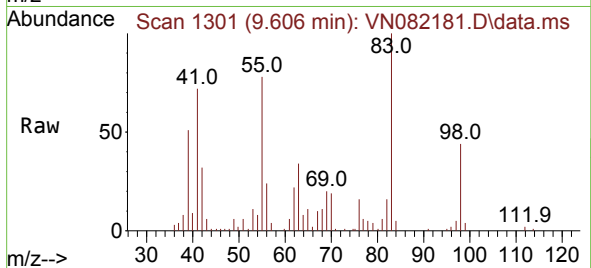
98 44.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#40

Benzene

Concen: 19.921 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN082181.D

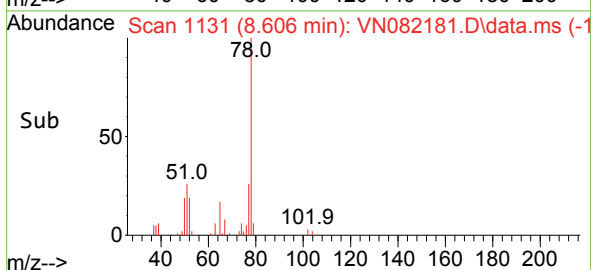
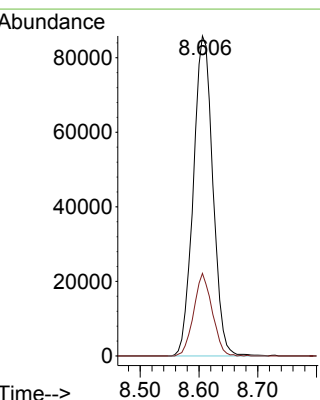
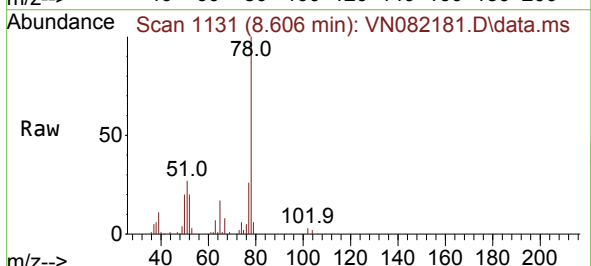
Acq: 17 May 2024 16:11

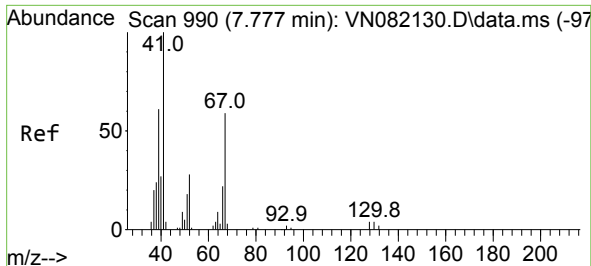
Tgt Ion: 78 Resp: 198246

Ion Ratio Lower Upper

78 100

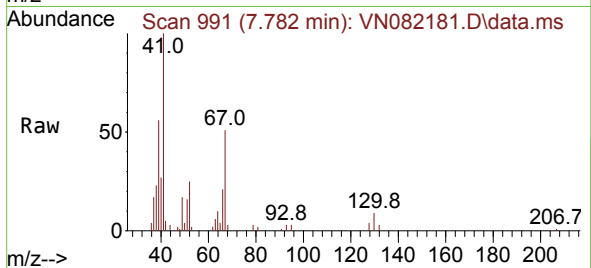
77 25.8 20.0 30.0





#41
Methacrylonitrile
Concen: 19.525 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

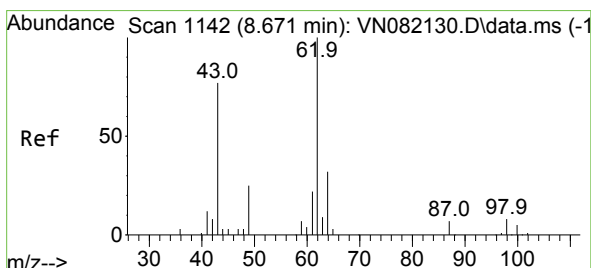
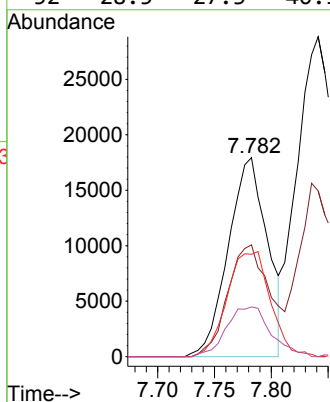
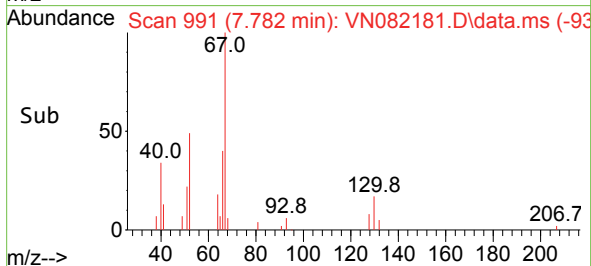
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 41 Resp: 42880
Ion Ratio Lower Upper
41 100
39 61.3 46.6 69.8
67 58.4 67.3 100.9
52 28.5 27.3 40.9

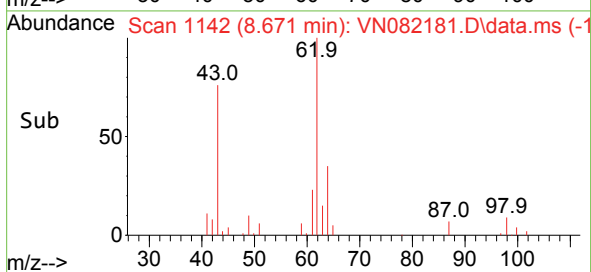
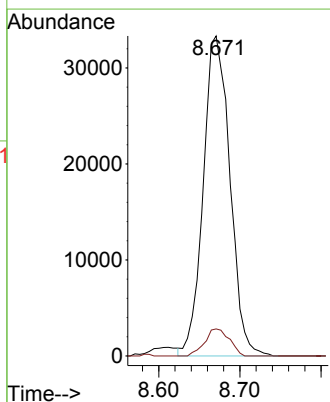
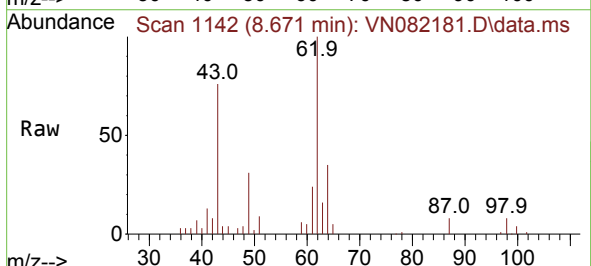
Manual Integrations
APPROVED

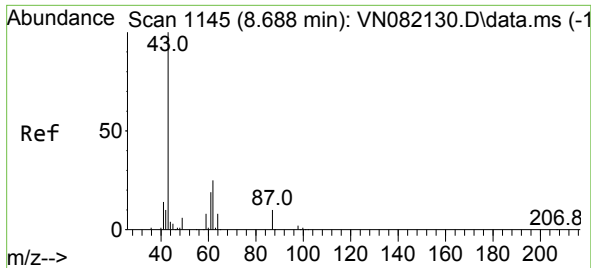
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#42
1,2-Dichloroethane
Concen: 19.932 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

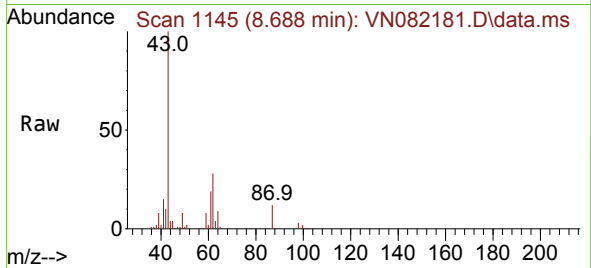
Tgt Ion: 62 Resp: 76287
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 20.525 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

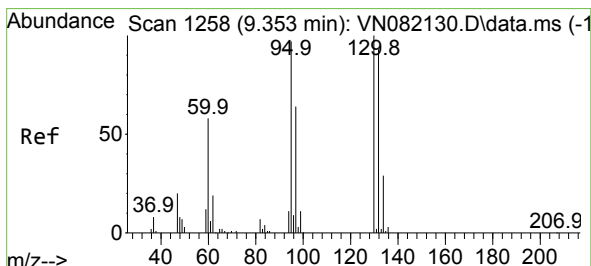
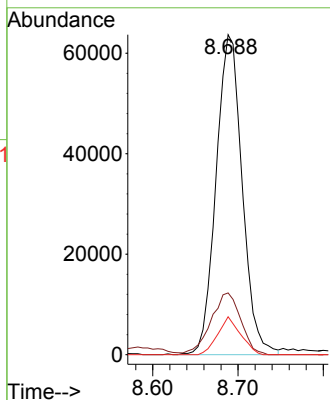
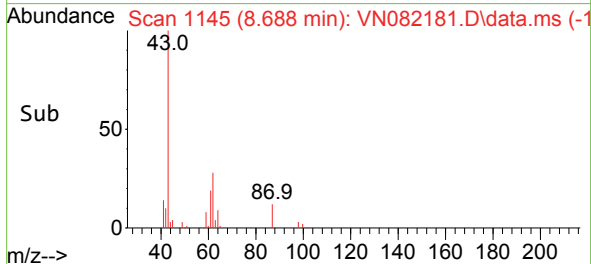
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 135820
Ion Ratio Lower Upper
43 100
61 22.0 22.8 34.2
87 10.3 12.0 18.0

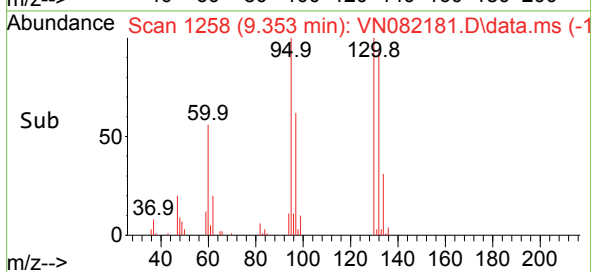
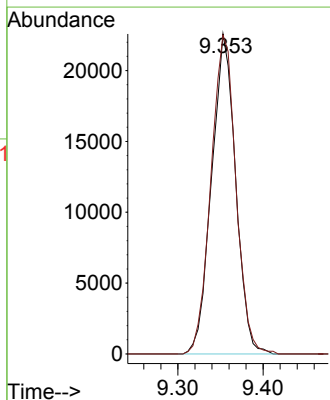
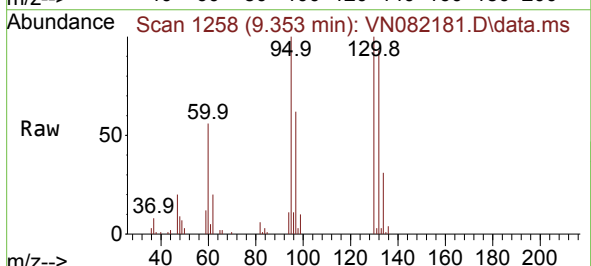
Manual Integrations
APPROVED

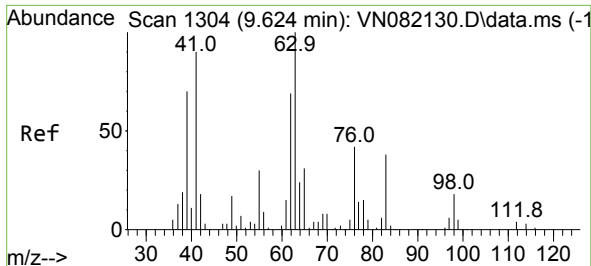
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#44
Trichloroethene
Concen: 19.538 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion:130 Resp: 44167
Ion Ratio Lower Upper
130 100
95 99.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.962 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 63 Resp: 5125

Ion Ratio Lower Upper

63 100

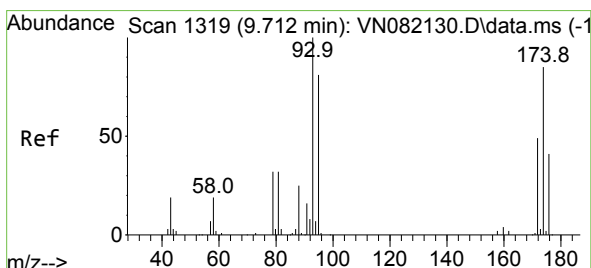
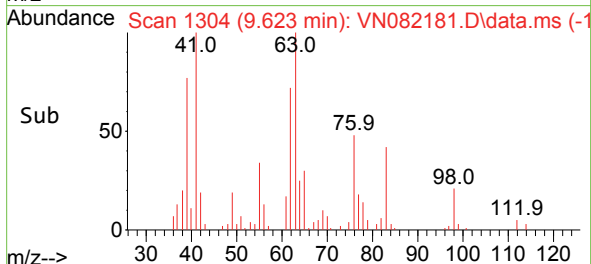
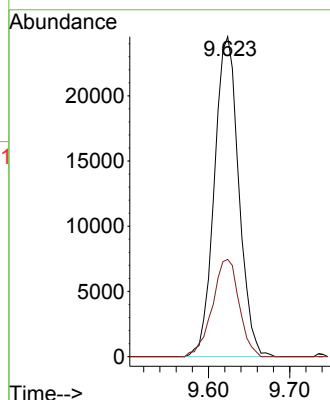
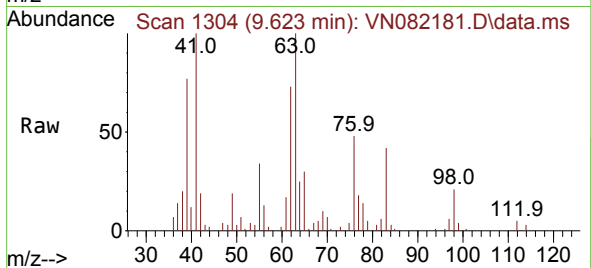
65 30.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#46

Dibromomethane

Concen: 20.228 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082181.D

Acq: 17 May 2024 16:11

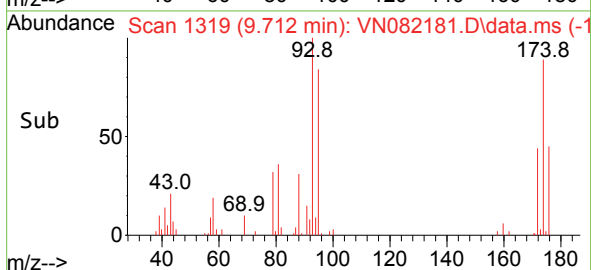
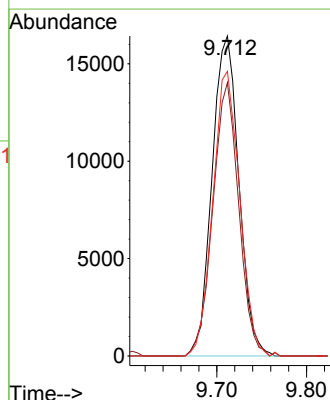
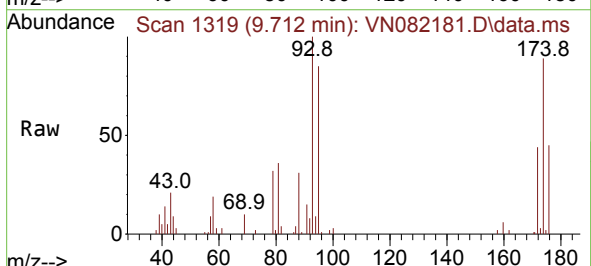
Tgt Ion: 93 Resp: 34099

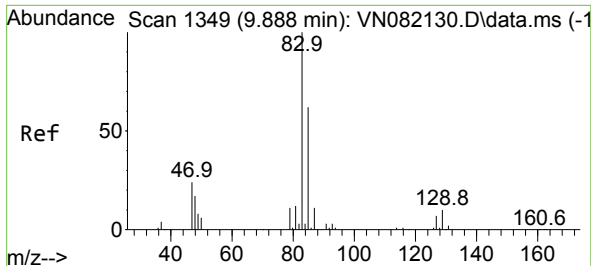
Ion Ratio Lower Upper

93 100

95 82.3 64.8 97.2

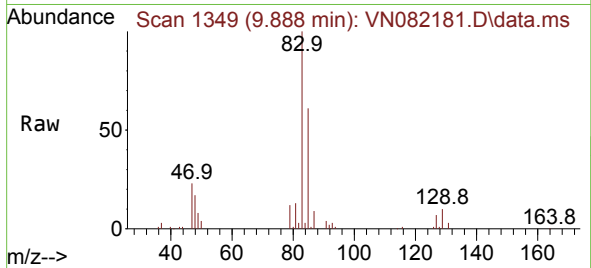
174 89.1 73.4 110.0





#47
Bromodichloromethane
Concen: 20.310 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

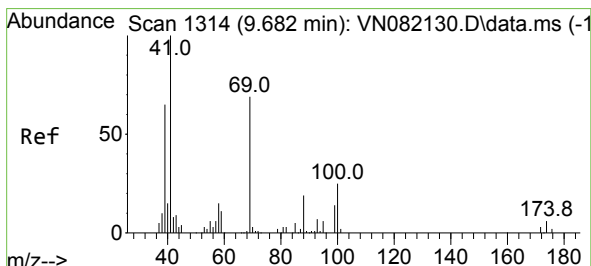
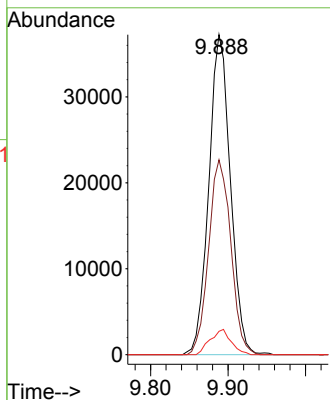
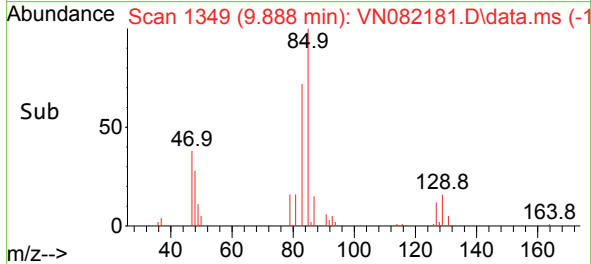
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 83 Resp: 72270
Ion Ratio Lower Upper
83 100
85 60.9 51.9 77.9
127 7.3 7.5 11.3

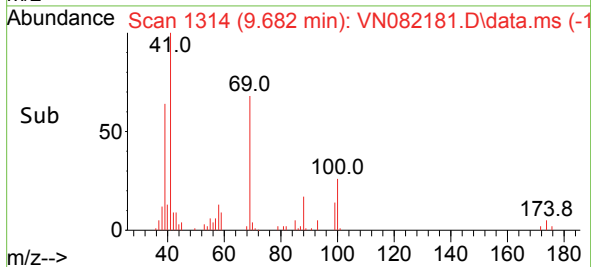
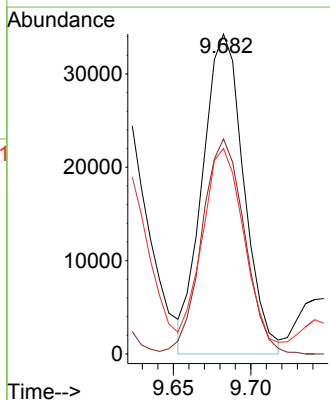
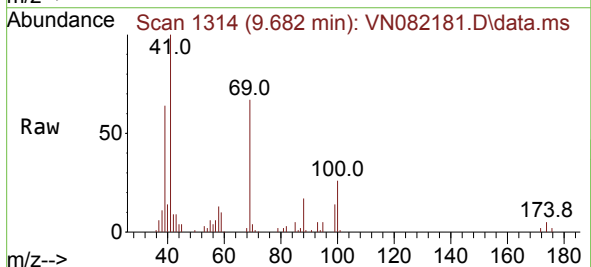
Manual Integrations
APPROVED

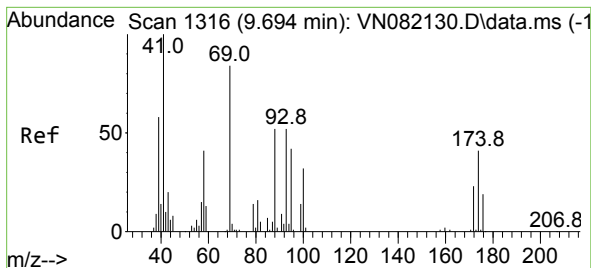
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#48
Methyl methacrylate
Concen: 20.112 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

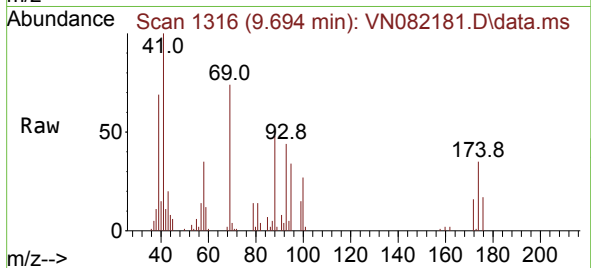
Tgt Ion: 41 Resp: 63420
Ion Ratio Lower Upper
41 100
69 69.5 77.9 116.9#
39 66.6 50.9 76.3





#49
1,4-Dioxane
Concen: 439.654 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

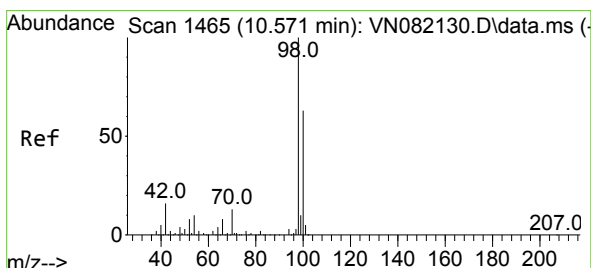
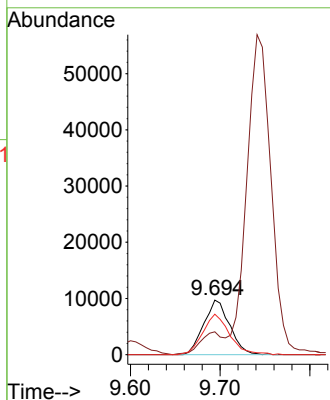
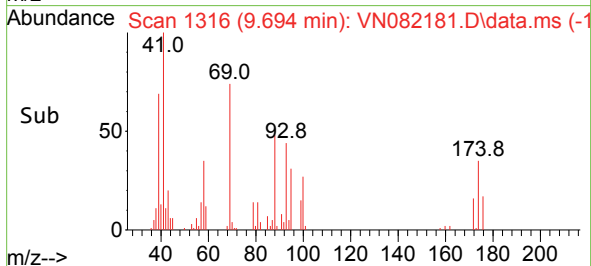
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 88 Resp: 1942
Ion Ratio Lower Upper
88 100
43 38.0 19.0 28.6
58 77.5 50.6 76.0

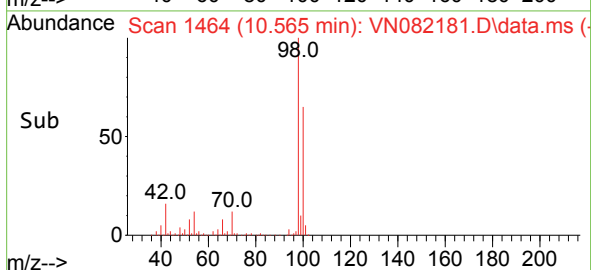
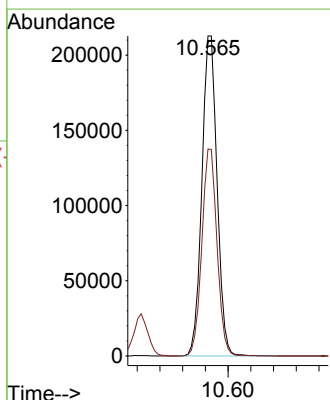
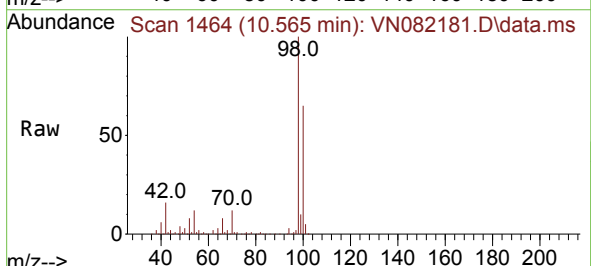
Manual Integrations
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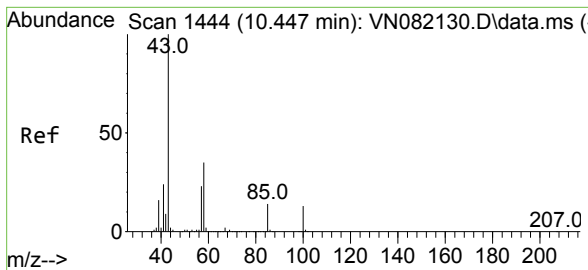
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#50
Toluene-d8
Concen: 51.640 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

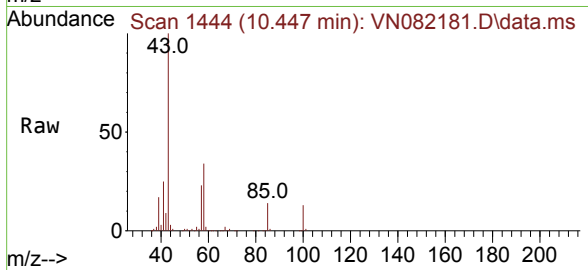
Tgt Ion: 98 Resp: 393945
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 103.795 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

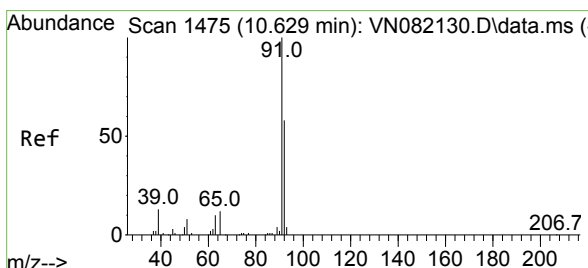
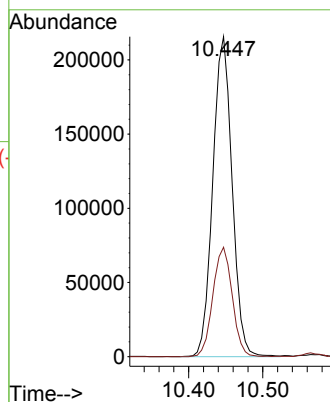
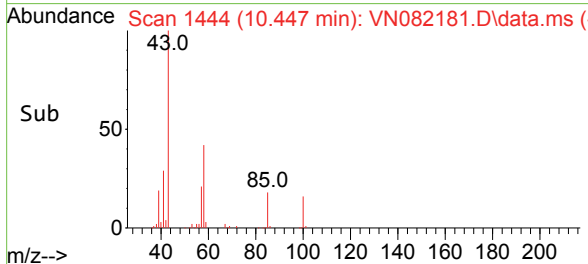
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 39026
Ion Ratio Lower Upper
43 100
58 34.3 33.2 49.8

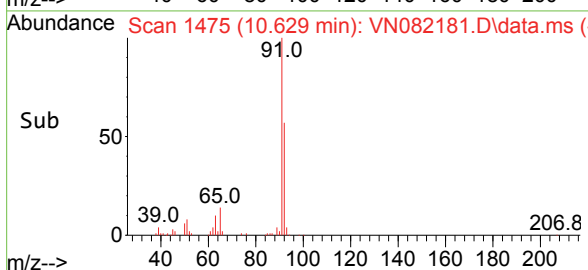
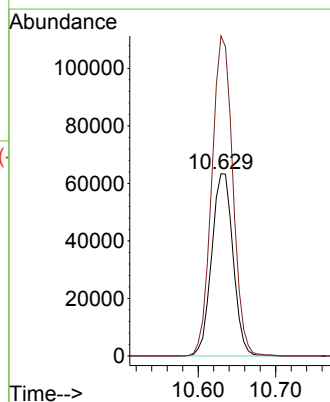
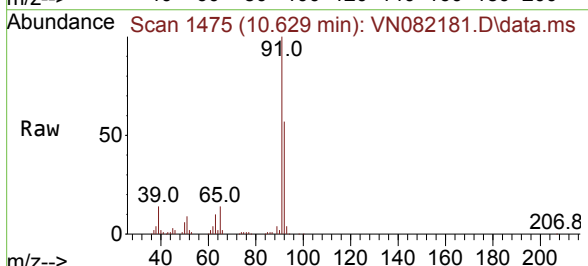
Manual Integrations
APPROVED

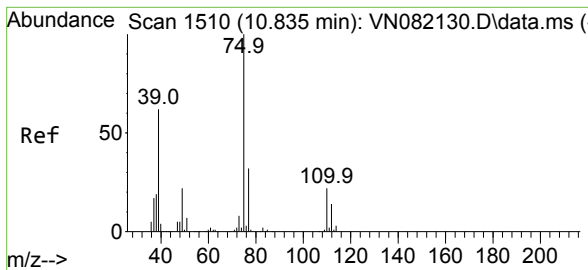
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#52
Toluene
Concen: 20.305 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

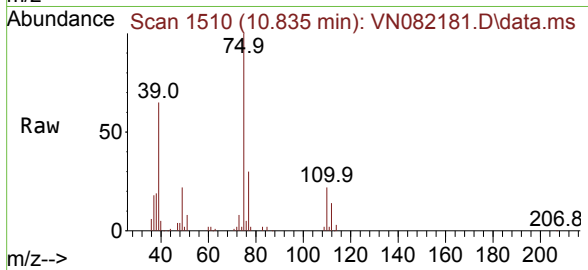
Tgt Ion: 92 Resp: 121262
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 19.659 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

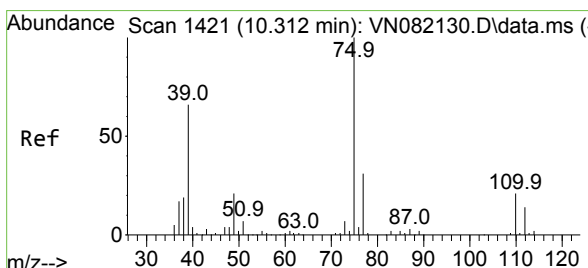
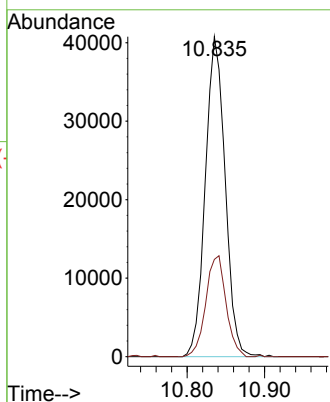
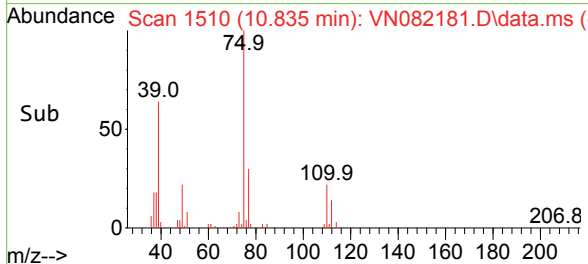
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



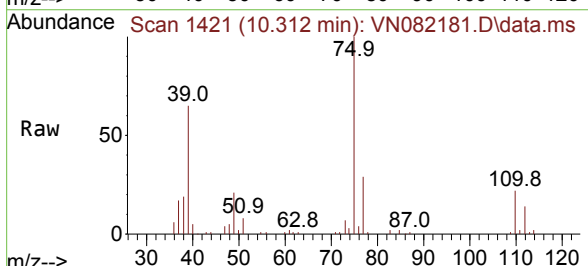
Tgt Ion: 75 Resp: 7235
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

Manual Integrations
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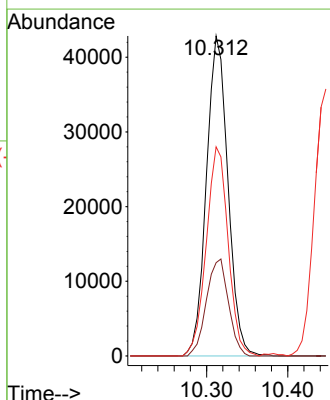
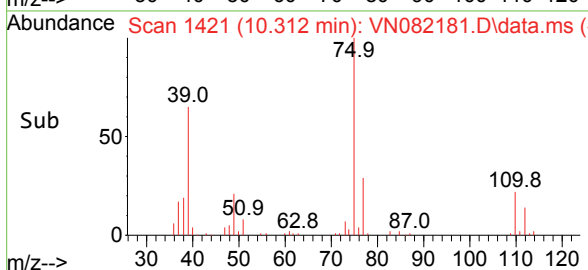
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

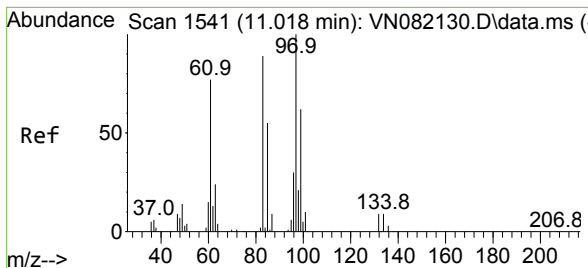


#54
cis-1,3-Dichloropropene
Concen: 20.268 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



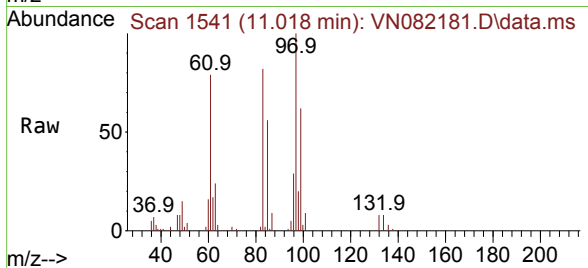
Tgt Ion: 75 Resp: 78961
Ion Ratio Lower Upper
75 100
77 29.2 25.0 37.4
39 65.3 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 20.292 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

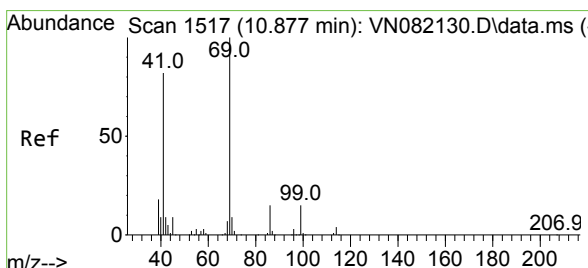
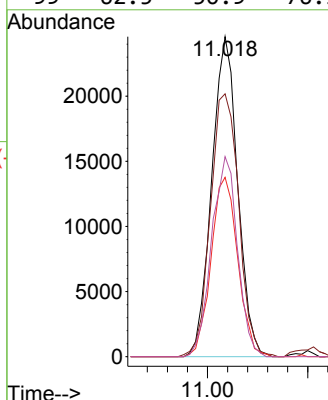
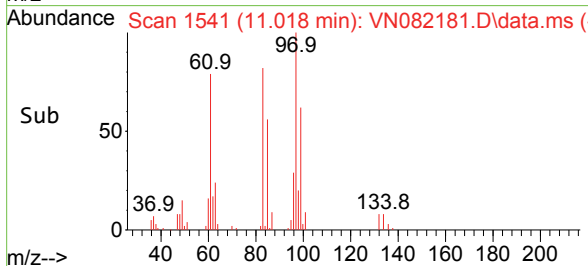
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



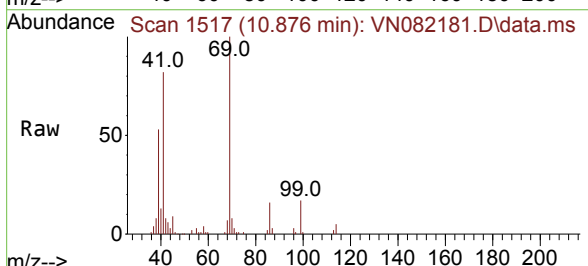
Tgt Ion:	97	Resp:	44040
Ion Ratio	Lower	Upper	
97	100		
83	82.2	70.4	105.6
85	56.0	45.6	68.4
99	62.5	50.9	76.3

Manual Integrations
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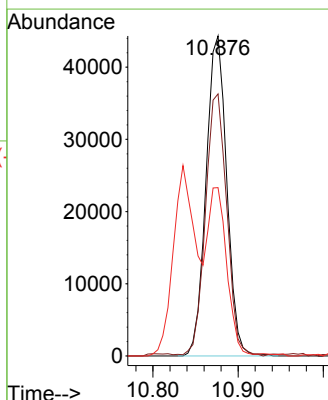
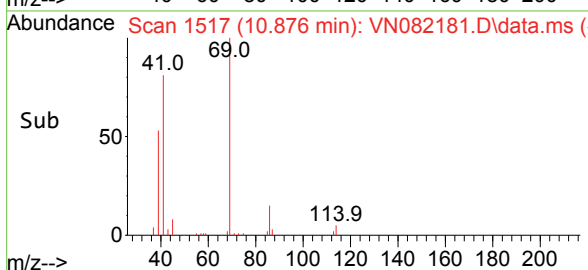
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

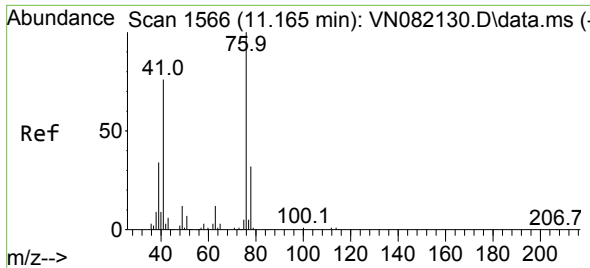


#56
Ethyl methacrylate
Concen: 20.338 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



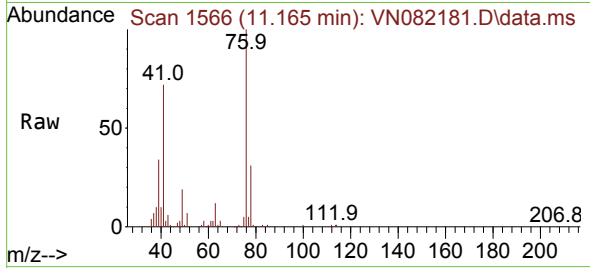
Tgt Ion:	69	Resp:	74938
Ion Ratio	Lower	Upper	
69	100		
41	84.6	46.6	70.0#
39	47.2	26.5	39.7#





#57
1,3-Dichloropropane
Concen: 20.056 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

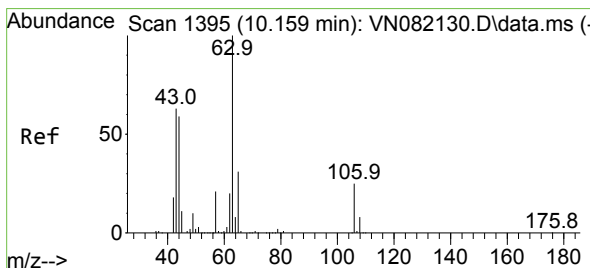
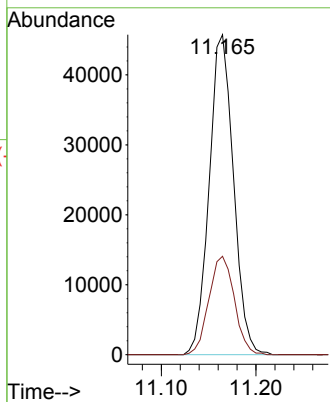
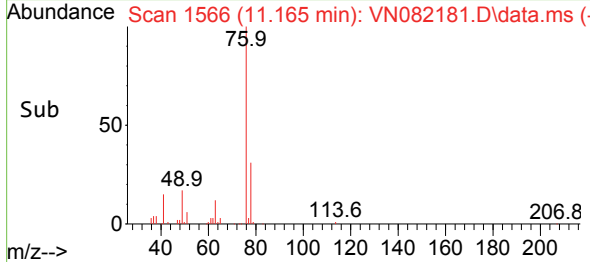
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 76 Resp: 8138
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

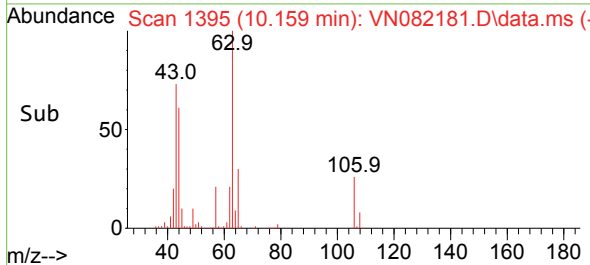
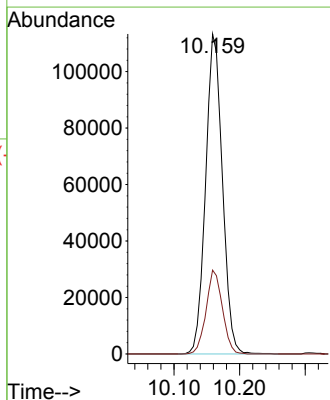
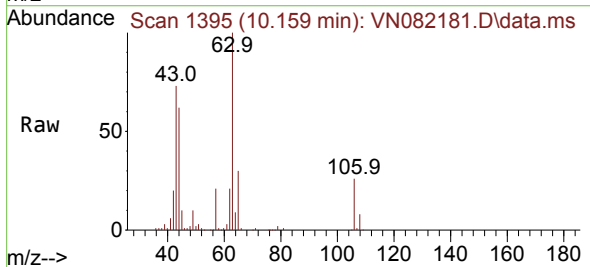
Manual Integrations
APPROVED

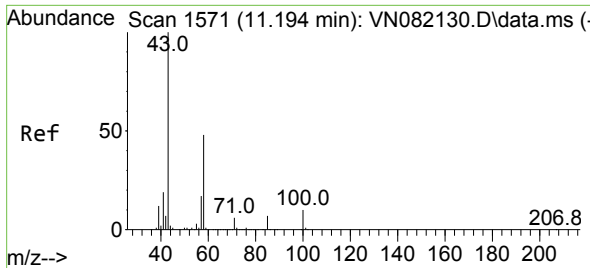
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 106.116 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

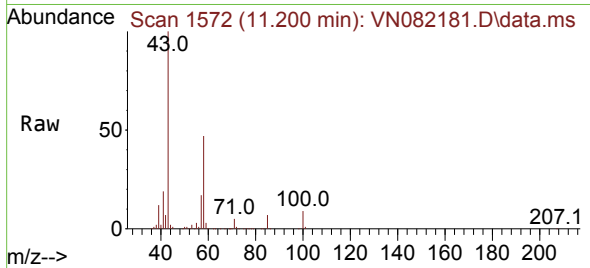
Tgt Ion: 63 Resp: 201680
Ion Ratio Lower Upper
63 100
106 25.4 24.6 36.8





#59
2-Hexanone
Concen: 104.065 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

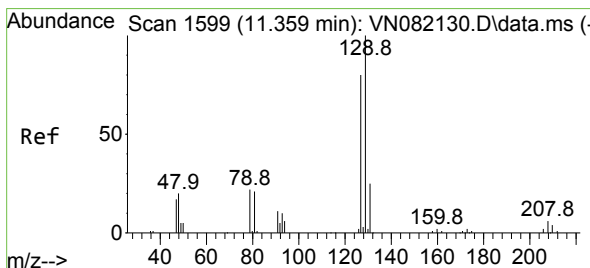
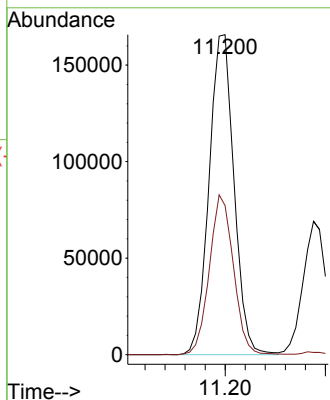
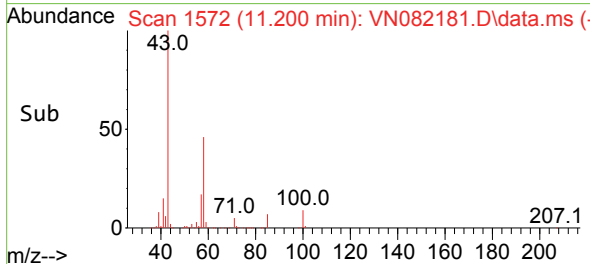
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 286499
Ion Ratio Lower Upper
43 100
58 48.2 28.3 84.9

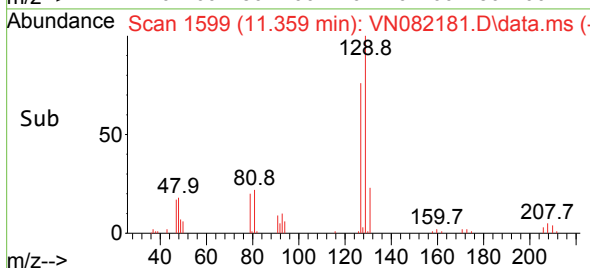
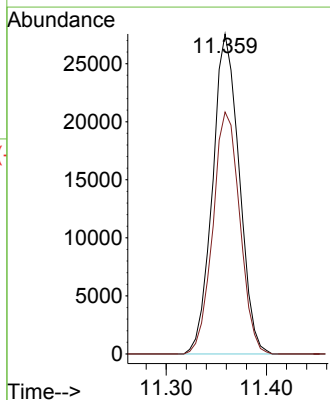
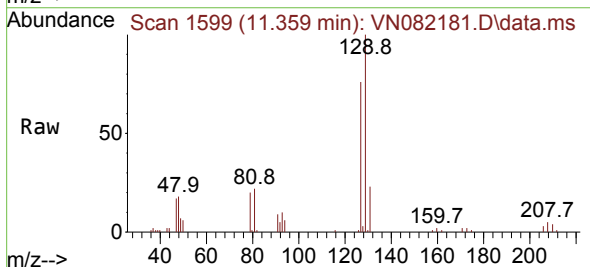
Manual Integrations
APPROVED

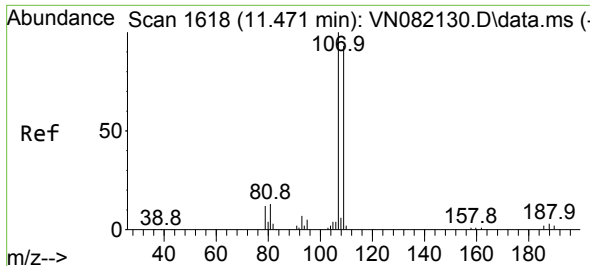
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#60
Dibromochloromethane
Concen: 21.247 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

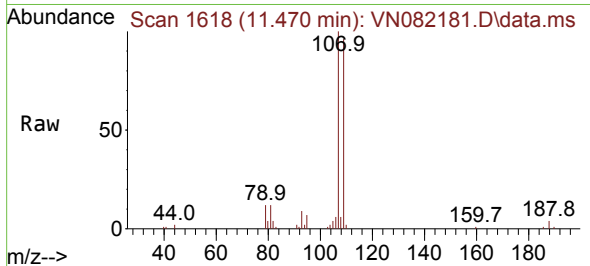
Tgt Ion:129 Resp: 50887
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 19.969 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

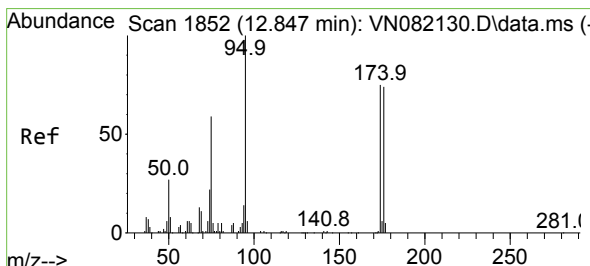
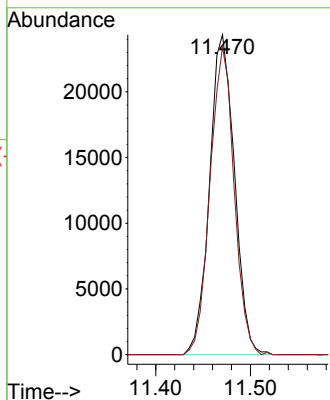
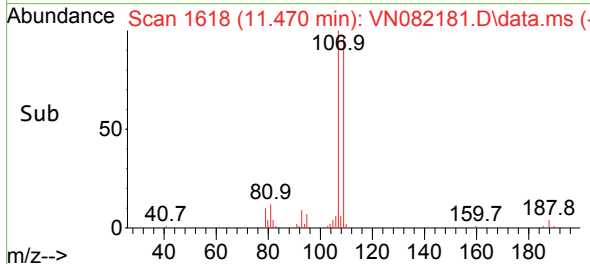
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



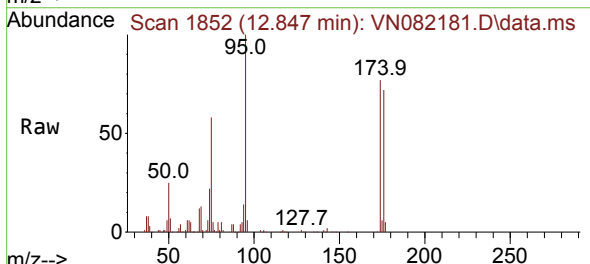
Tgt Ion:107 Resp: 44514
Ion Ratio Lower Upper
107 100
109 92.8 75.8 113.6

Manual Integrations
APPROVED

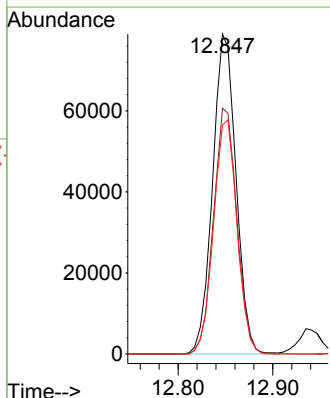
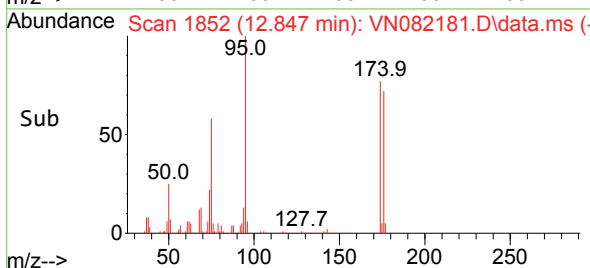
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

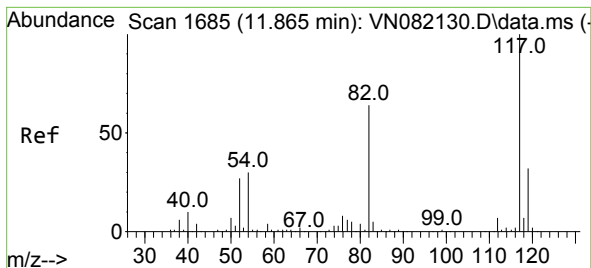


#62
4-Bromofluorobenzene
Concen: 49.918 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



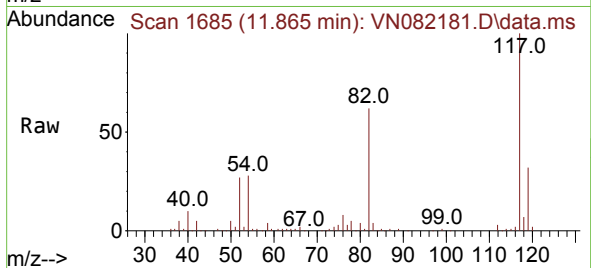
Tgt Ion: 95 Resp: 135922
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 72.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

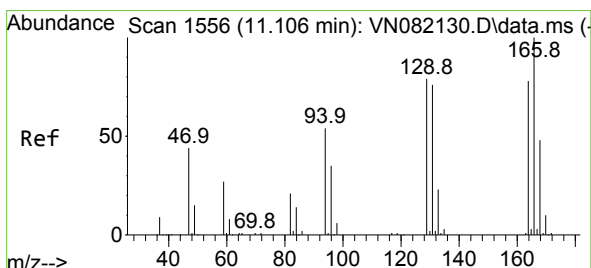
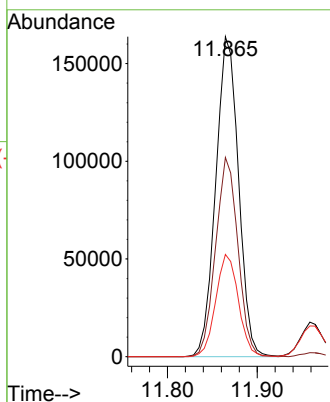
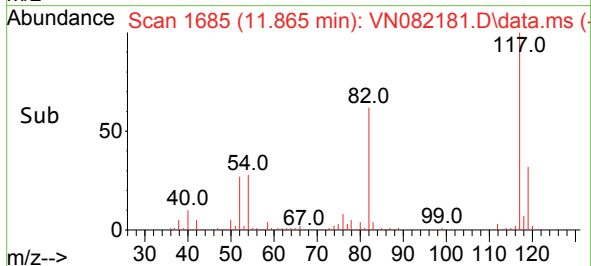
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:117 Resp: 288664
Ion Ratio Lower Upper
117 100
82 62.3 44.6 66.8
119 32.0 25.9 38.9

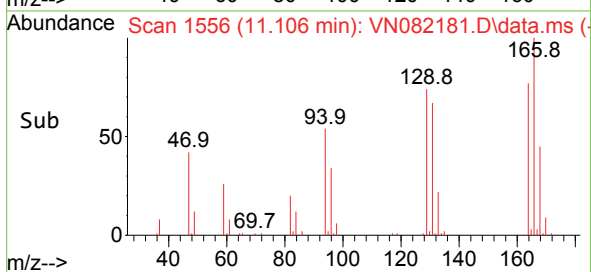
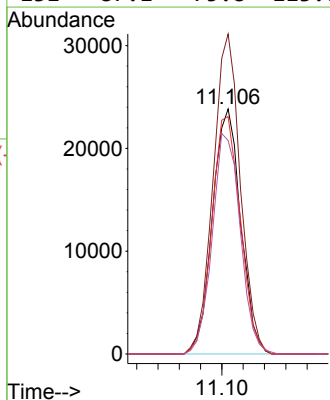
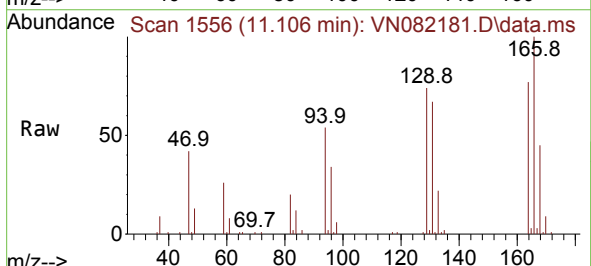
Manual Integrations
APPROVED

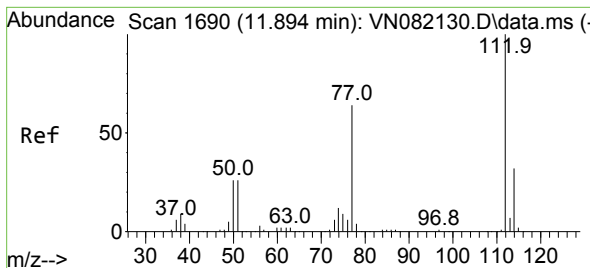
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#64
Tetrachloroethene
Concen: 20.498 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

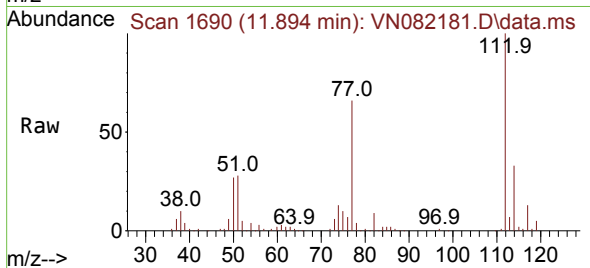
Tgt Ion:164 Resp: 43857
Ion Ratio Lower Upper
164 100
166 130.6 97.6 146.4
129 96.9 73.7 110.5
131 87.1 75.8 113.6





#65
Chlorobenzene
Concen: 20.060 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

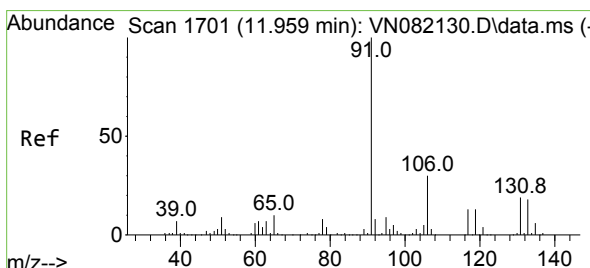
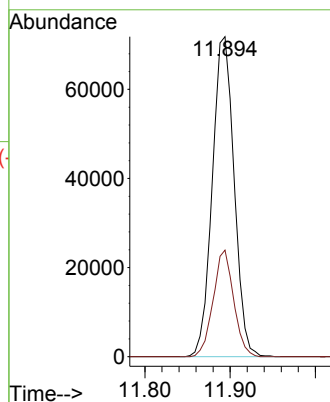
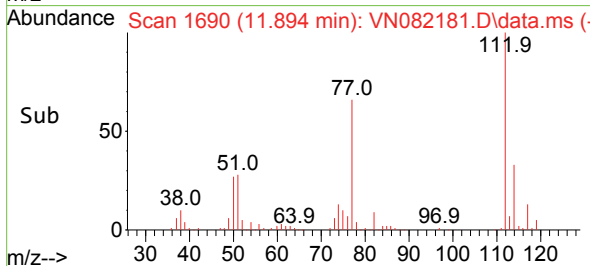
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



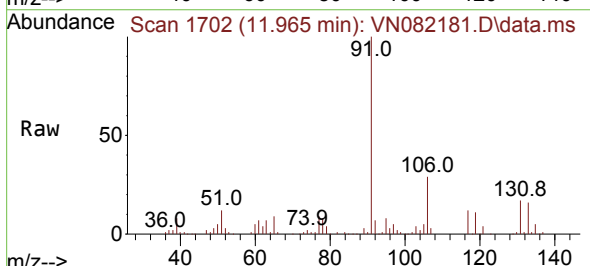
Tgt Ion:112 Resp: 12792
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

Manual Integrations
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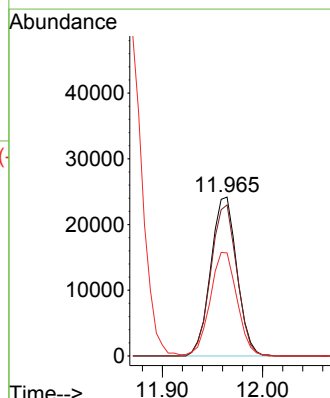
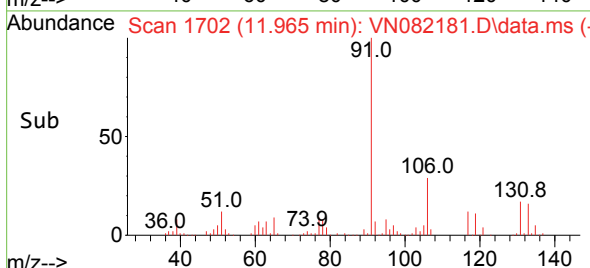
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

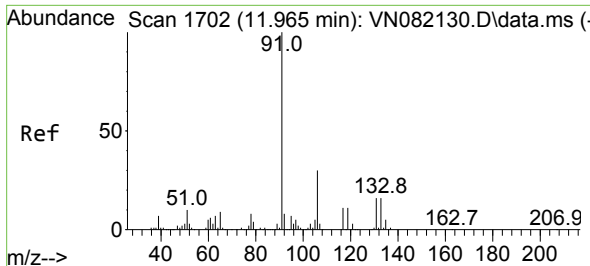


#66
1,1,1,2-Tetrachloroethane
Concen: 20.901 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



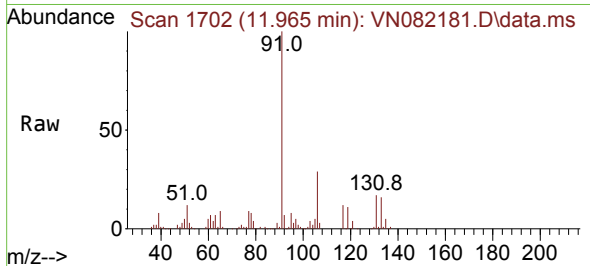
Tgt Ion:131 Resp: 43903
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 66.7 32.9 98.7





#67
Ethyl Benzene
Concen: 19.964 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

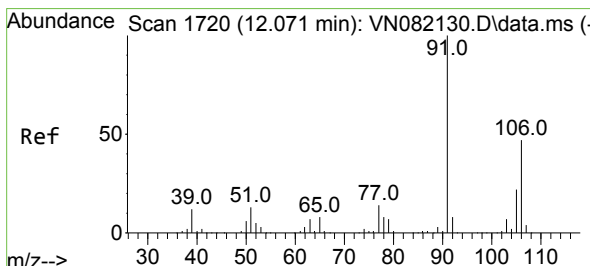
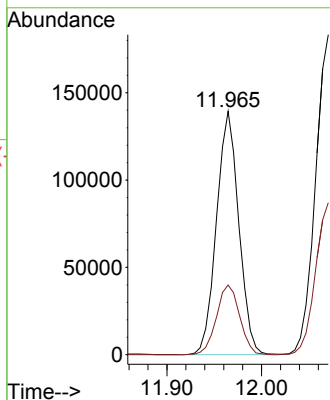
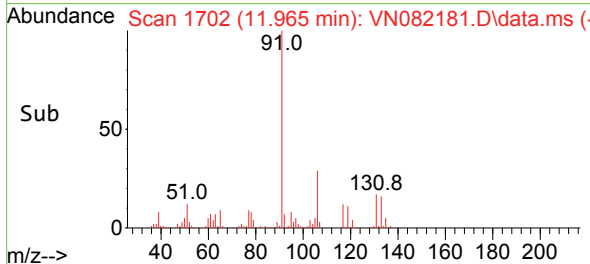
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



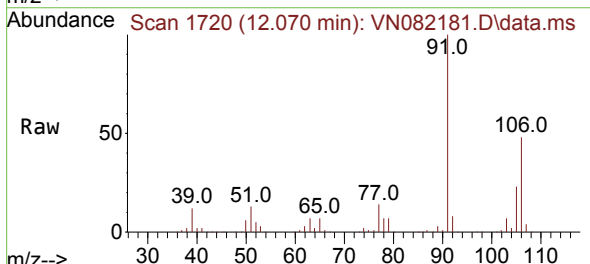
Tgt Ion: 91 Resp: 22773
Ion Ratio Lower Upper
91 100
106 28.6 25.3 37.9

Manual Integrations
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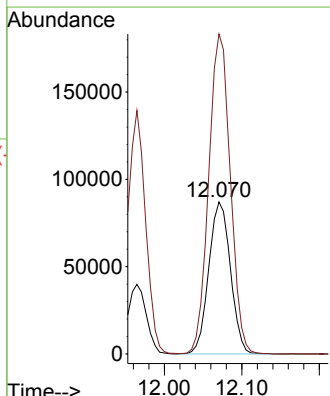
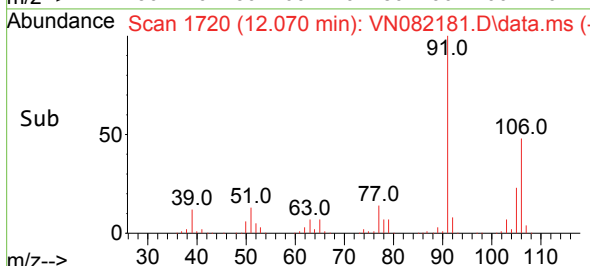
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

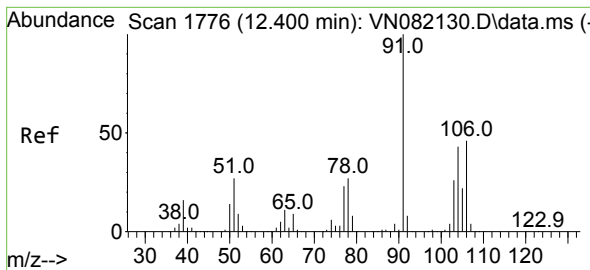


#68
m/p-Xylenes
Concen: 40.493 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



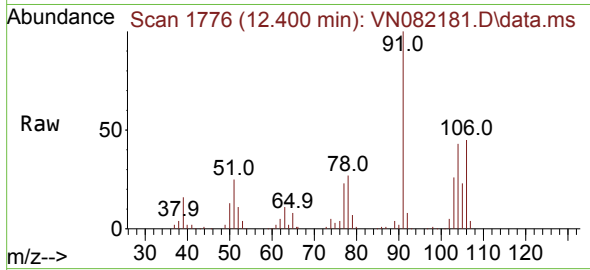
Tgt Ion:106 Resp: 169300
Ion Ratio Lower Upper
106 100
91 209.8 159.4 239.0





#69
o-Xylene
Concen: 19.913 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

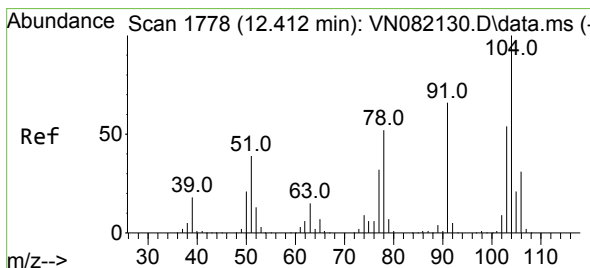
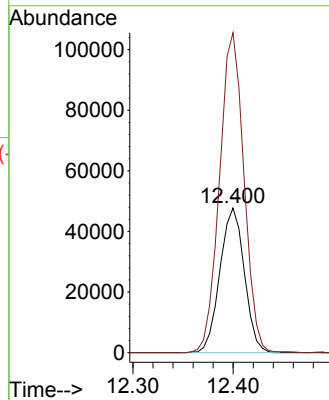
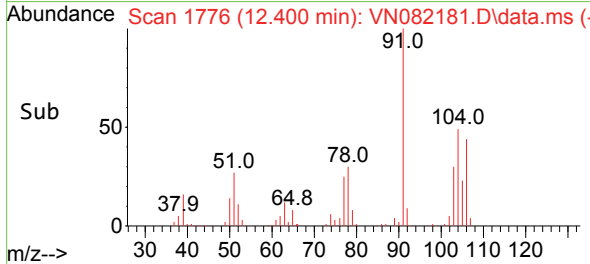
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:106 Resp: 80648
Ion Ratio Lower Upper
106 100
91 221.7 104.7 314.1

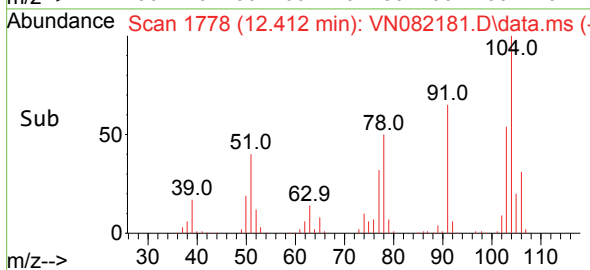
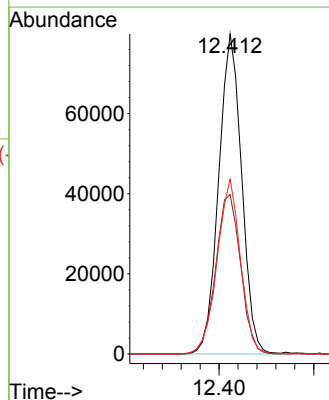
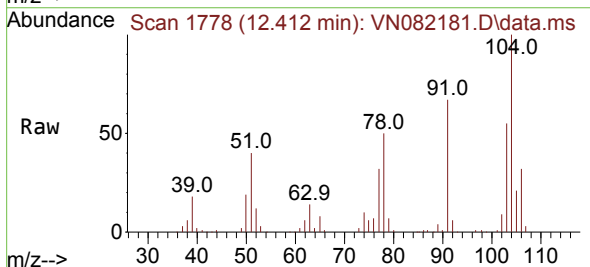
Manual Integrations
APPROVED

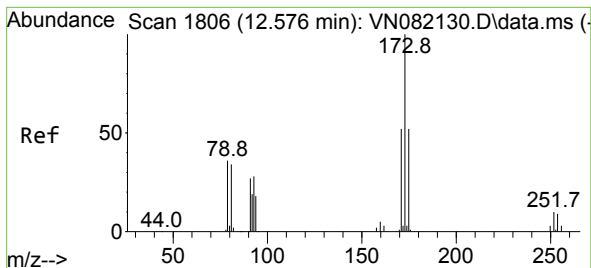
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#70
Styrene
Concen: 20.001 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

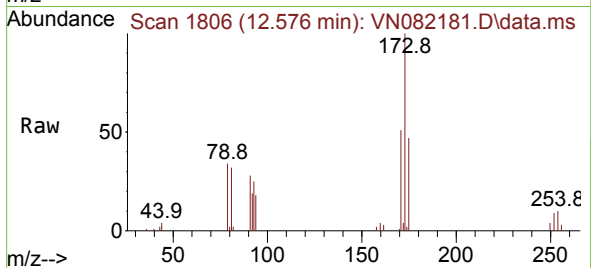
Tgt Ion:104 Resp: 134550
Ion Ratio Lower Upper
104 100
78 54.2 38.6 58.0
103 55.6 43.8 65.6





#71
Bromoform
Concen: 19.411 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

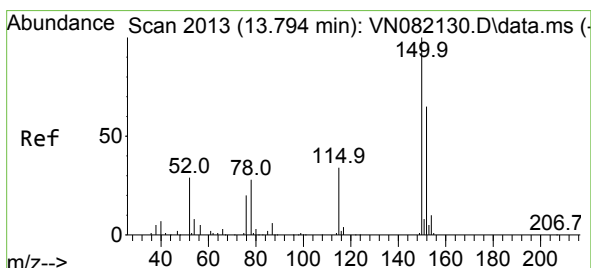
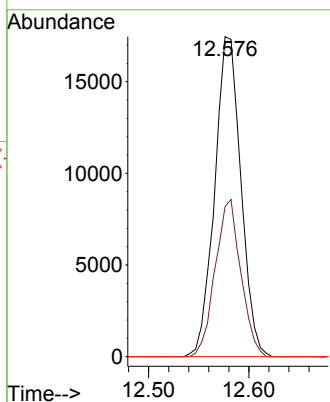
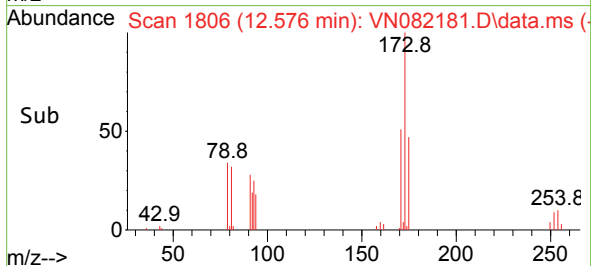
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



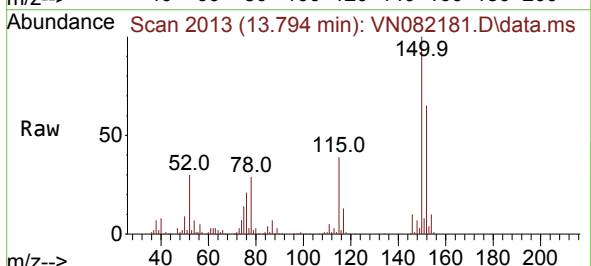
Tgt Ion:173 Resp: 3170
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

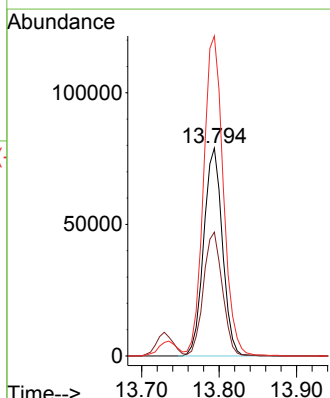
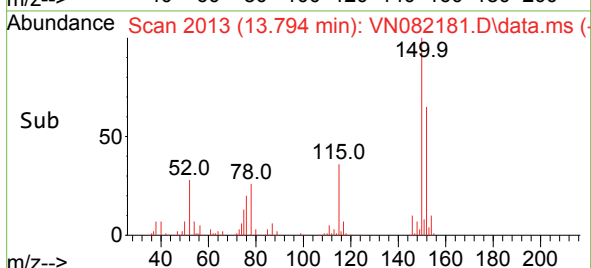
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

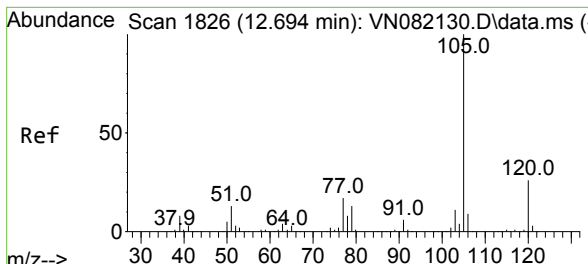


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



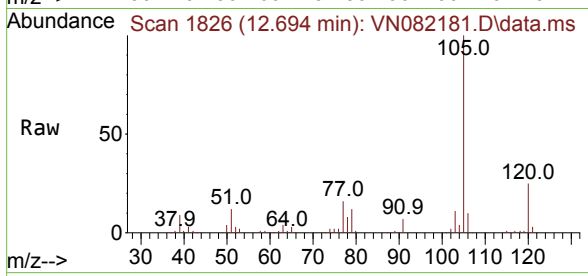
Tgt Ion:152 Resp: 132542
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 162.8 0.0 353.2





#73
Isopropylbenzene
Concen: 19.900 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

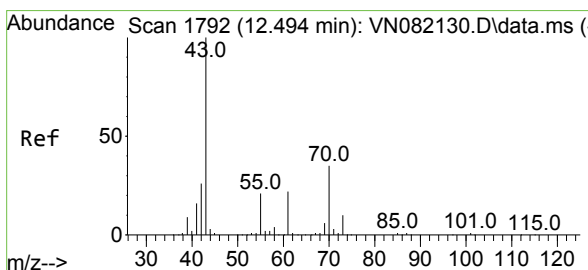
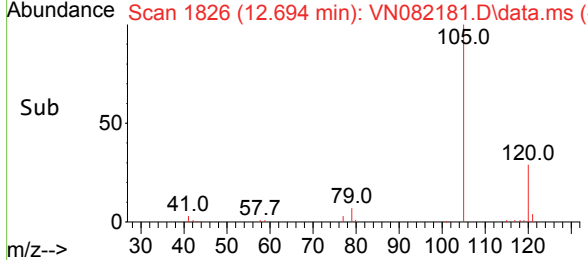
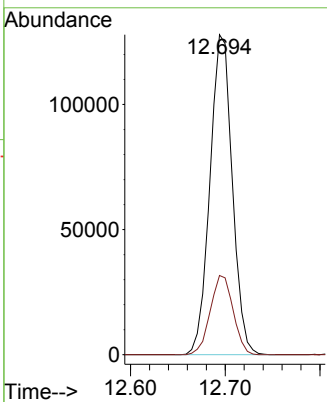
Instrument : MSVOA_N
ClientSampleId : VN0517WBSD01



Tgt Ion: 105 Resp: 209544
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

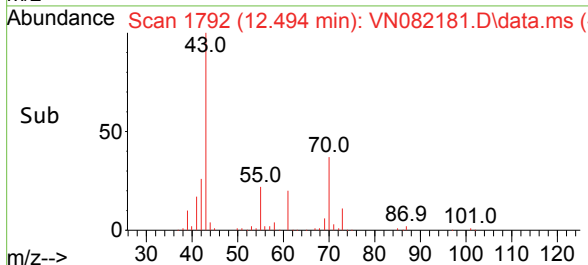
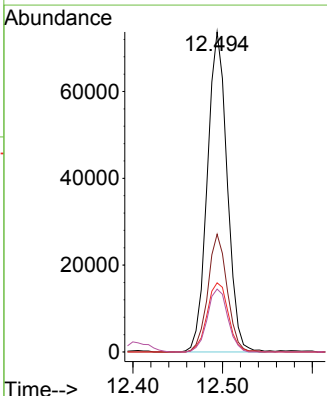
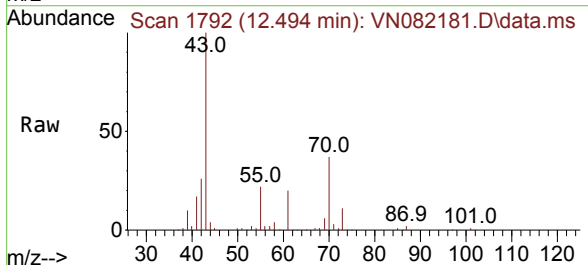
Manual Integrations
APPROVED

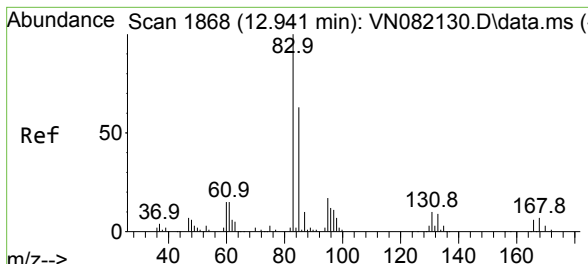
Reviewed By : John Carlone 05/20/2024
Supervised By : Mahesh Dadoda 05/20/2024



#74
N-ethyl acetate
Concen: 19.594 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion: 43 Resp: 113490
Ion Ratio Lower Upper
43 100
70 35.8 39.0 58.4#
55 23.1 21.3 31.9
61 20.3 20.5 30.7#



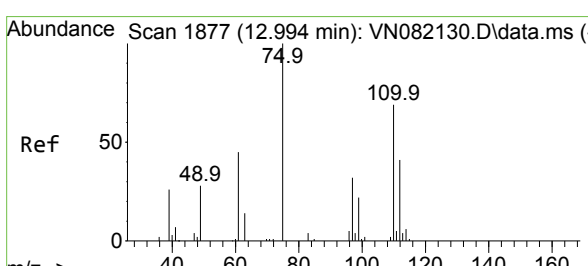
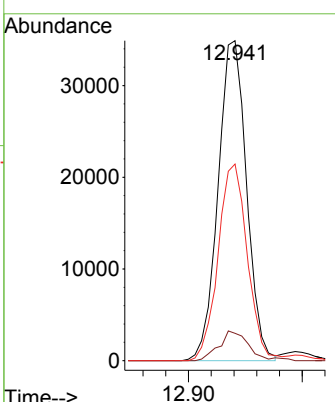
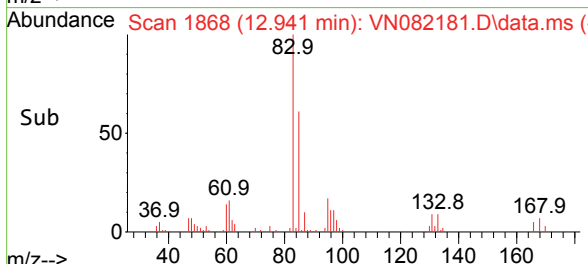
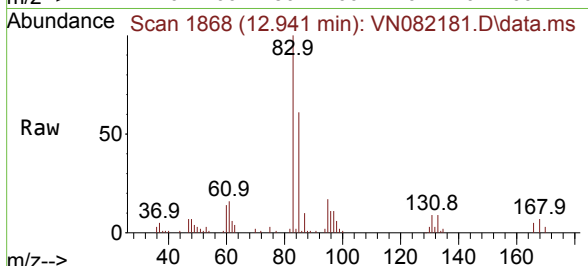


#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.050 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

Instrument : MSVOA_N
 ClientSampleId : VN0517WBSD01

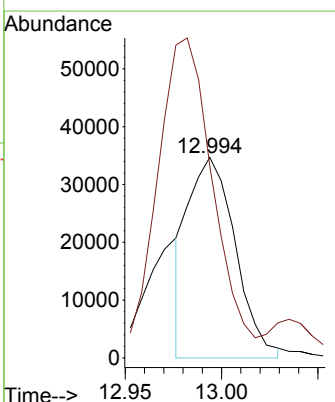
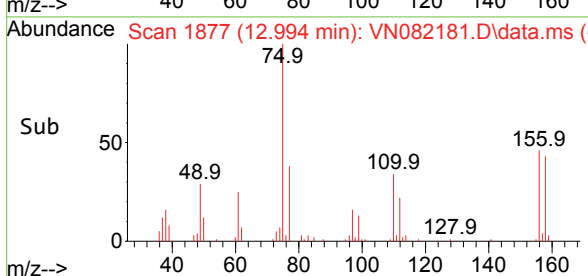
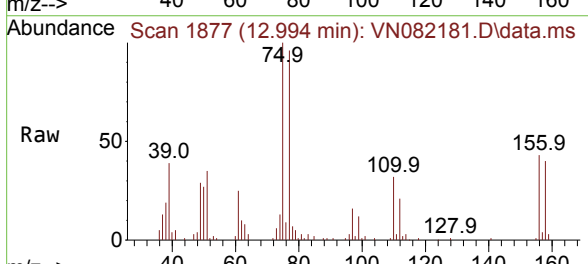
Tgt Ion:	83	Resp:	6085
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.5	16.4
85	63.0	32.9	98.6

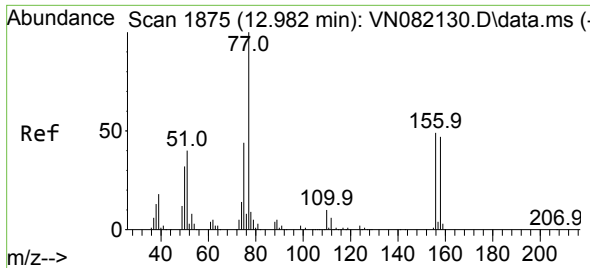
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024



#76
 1,2,3-Trichloropropane
 Concen: 21.116 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

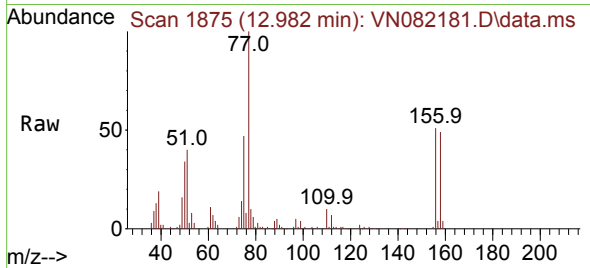
Tgt Ion:	75	Resp:	58906
Ion Ratio	Lower	Upper	
75	100		
77	189.9	90.5	271.3





#77
Bromobenzene
Concen: 19.817 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

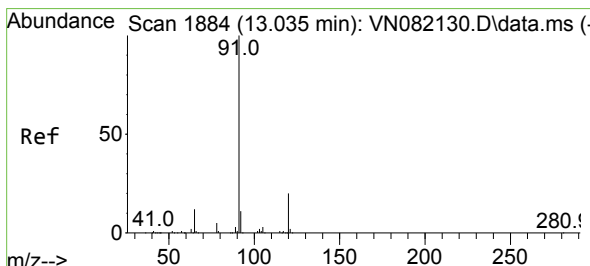
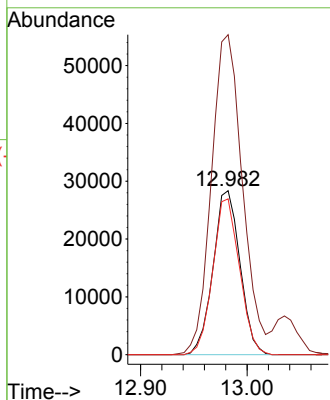
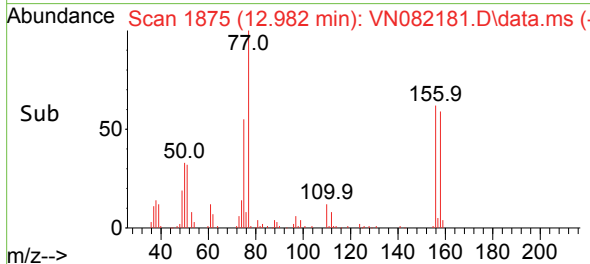
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



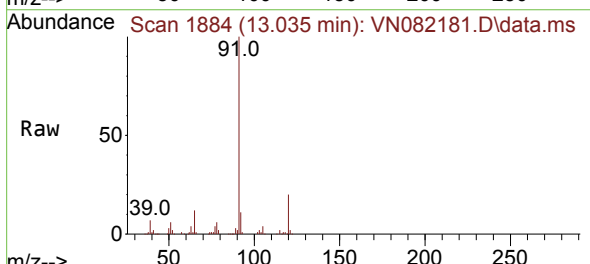
Tgt Ion:156 Resp: 4972
Ion Ratio Lower Upper
156 100
77 225.0 100.2 300.6
158 94.7 49.1 147.3

Manual Integrations
APPROVED

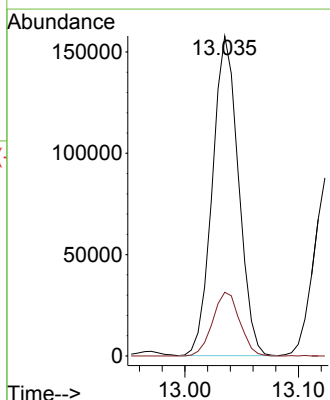
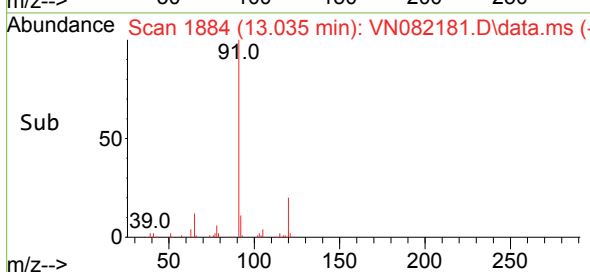
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

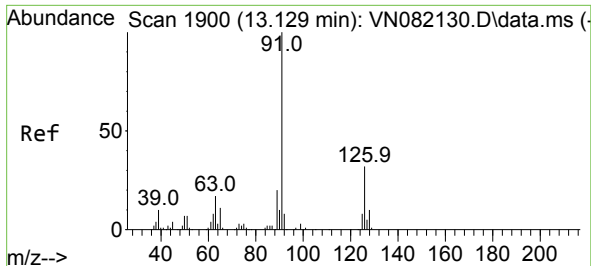


#78
n-propylbenzene
Concen: 20.178 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



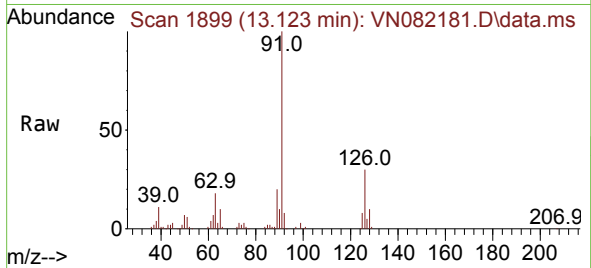
Tgt Ion: 91 Resp: 251602
Ion Ratio Lower Upper
91 100
120 20.6 11.7 35.0





#79
2-Chlorotoluene
Concen: 19.482 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

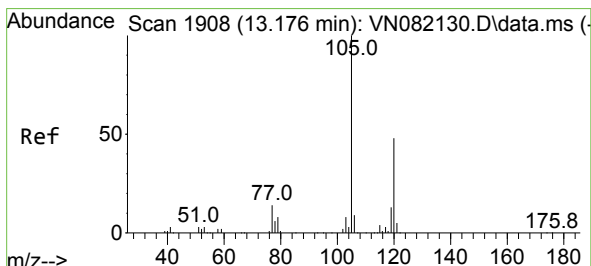
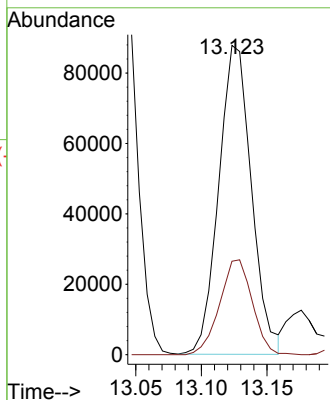
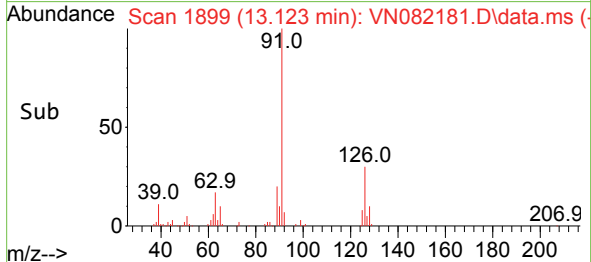
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



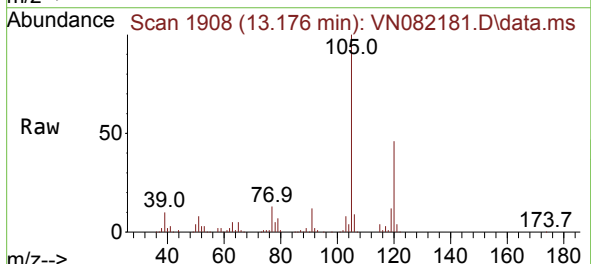
Tgt Ion: 91 Resp: 152539
Ion Ratio Lower Upper
91 100
126 30.6 17.5 52.5

Manual Integrations
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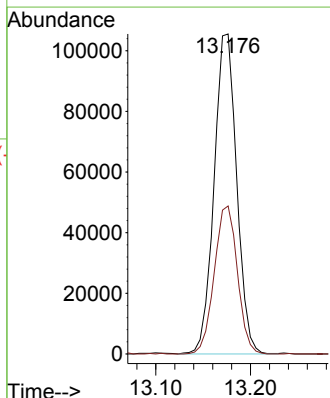
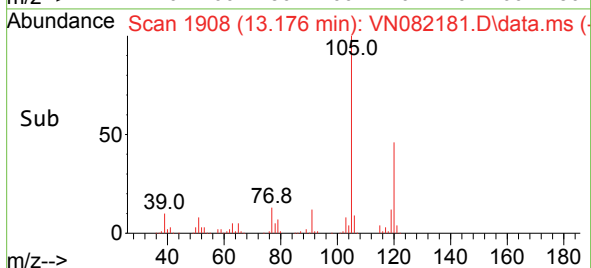
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

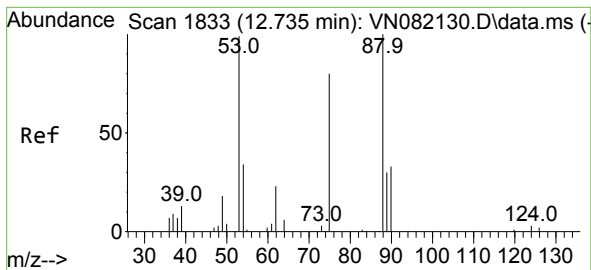


#80
1,3,5-Trimethylbenzene
Concen: 20.573 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



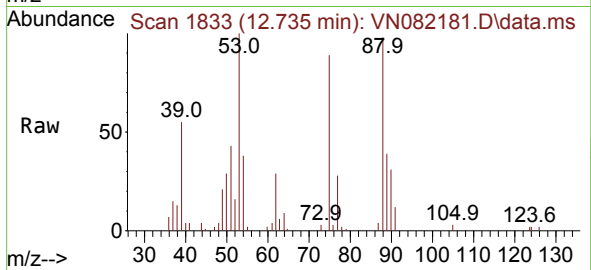
Tgt Ion:105 Resp: 175165
Ion Ratio Lower Upper
105 100
120 47.3 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.463 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

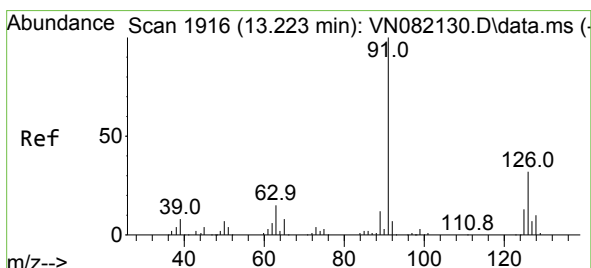
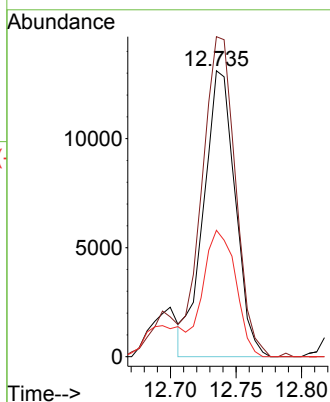
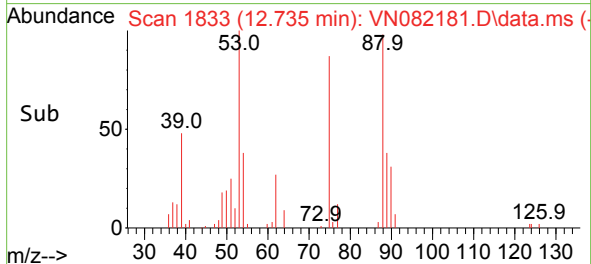
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 75 Resp: 2202
Ion Ratio Lower Upper
75 100
53 117.8 72.9 109.3
89 45.5 39.1 58.7

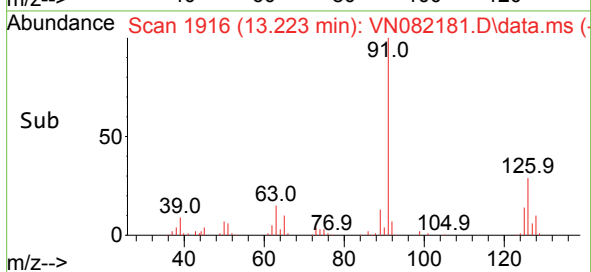
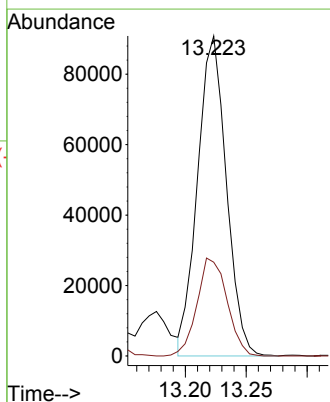
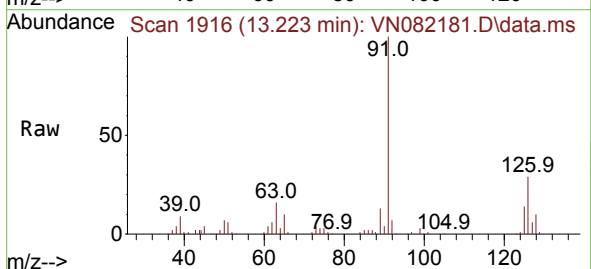
Manual Integrations
APPROVED

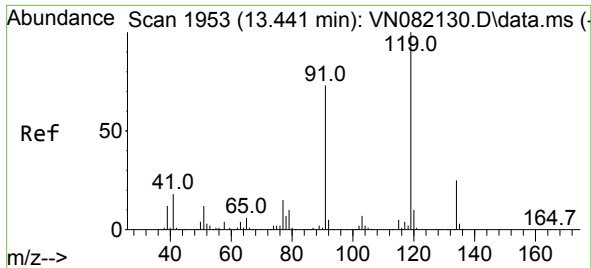
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#82
4-Chlorotoluene
Concen: 19.509 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

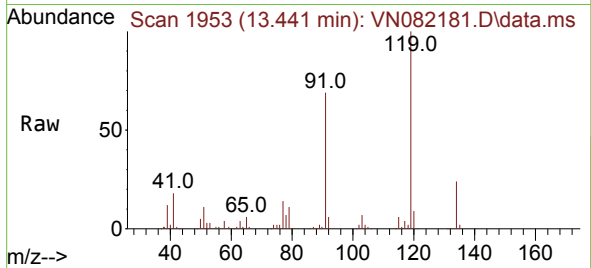
Tgt Ion: 91 Resp: 149345
Ion Ratio Lower Upper
91 100
126 31.9 17.4 52.3





#83
tert-Butylbenzene
Concen: 19.722 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

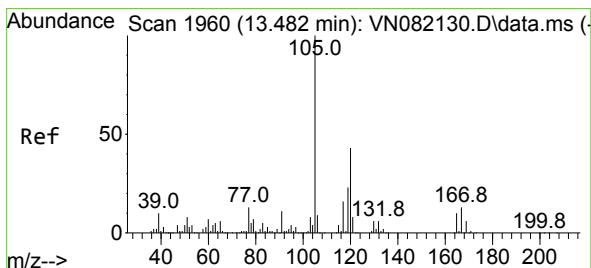
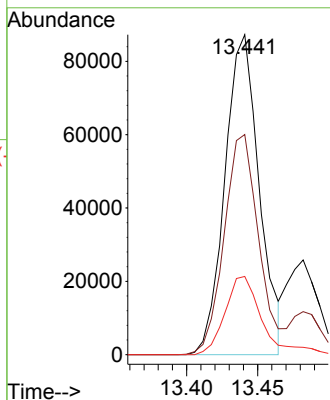
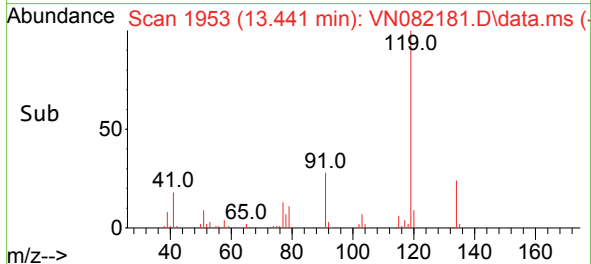
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



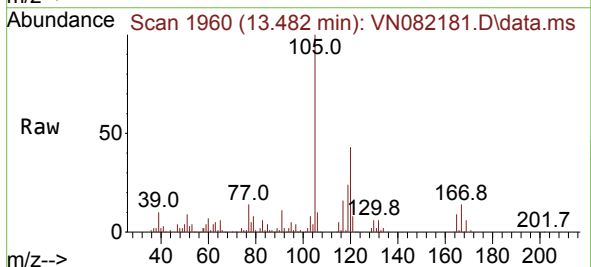
Tgt Ion:119 Resp: 146904
Ion Ratio Lower Upper
119 100
91 68.5 32.6 97.8
134 26.4 12.4 37.0

Manual Integrations
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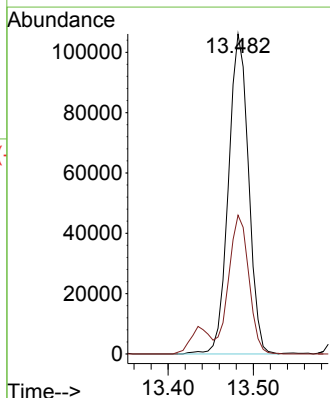
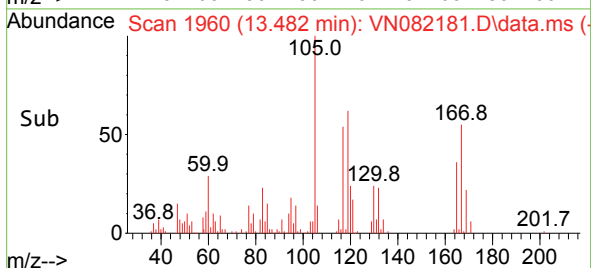
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

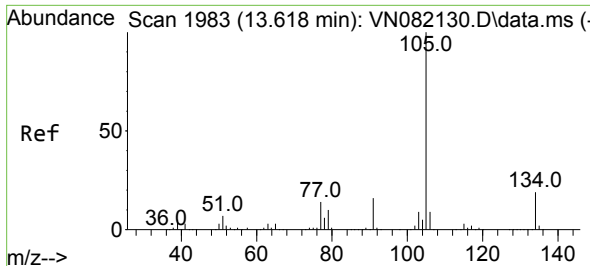


#84
1,2,4-Trimethylbenzene
Concen: 19.955 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



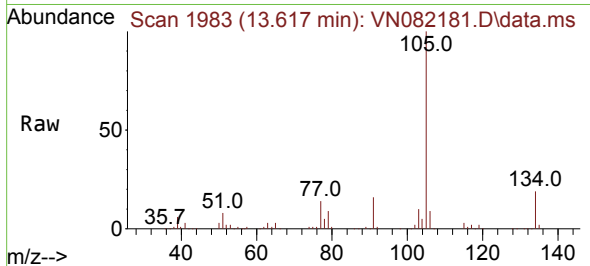
Tgt Ion:105 Resp: 173828
Ion Ratio Lower Upper
105 100
120 43.6 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 19.907 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

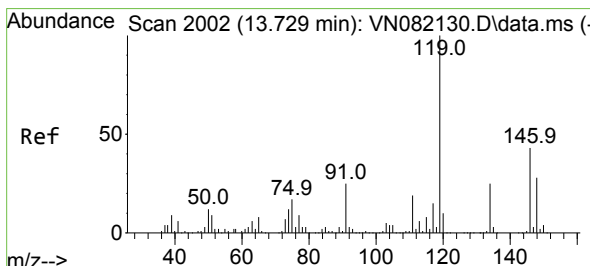
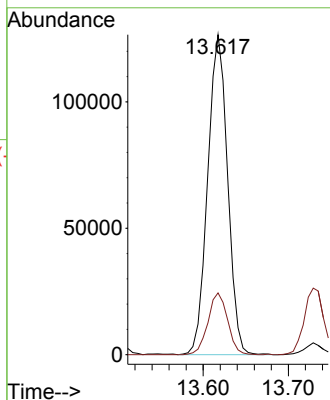
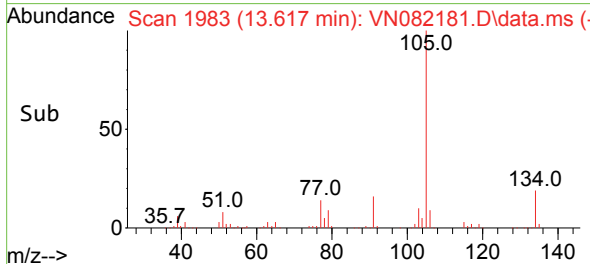
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



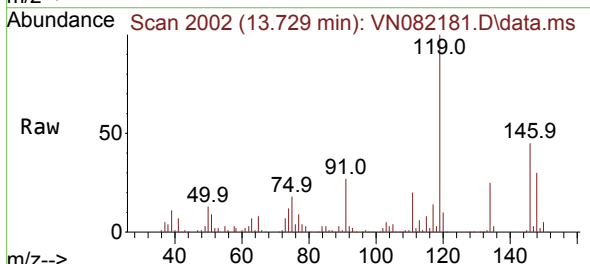
Tgt Ion:105 Resp: 205529
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4

Manual Integrations
 APPROVED

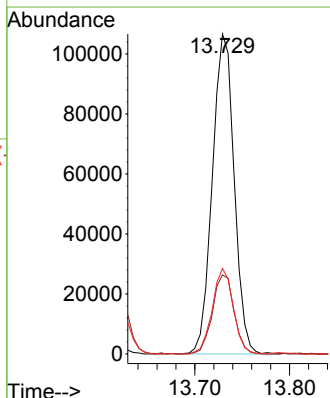
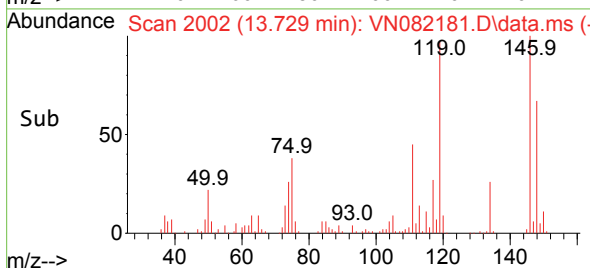
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

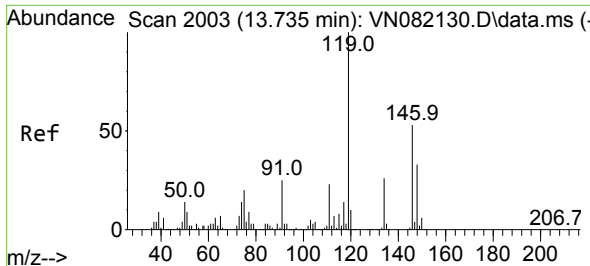


#86
 p-Isopropyltoluene
 Concen: 20.303 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11



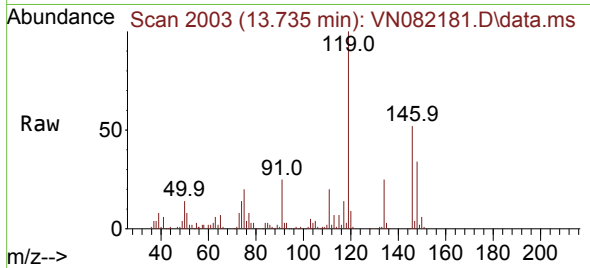
Tgt Ion:119 Resp: 170357
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.2 39.5
 91 25.8 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 19.268 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

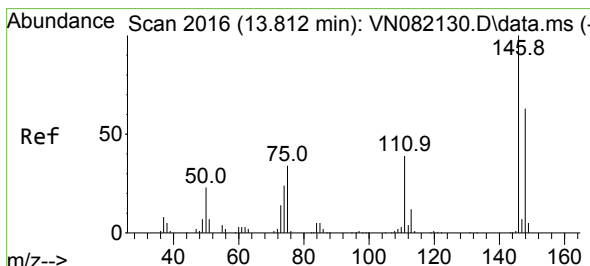
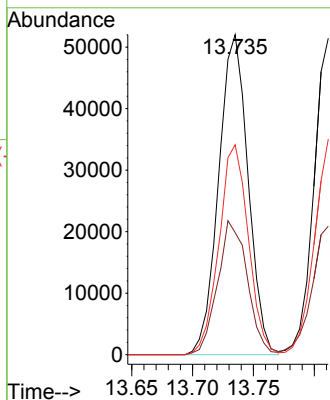
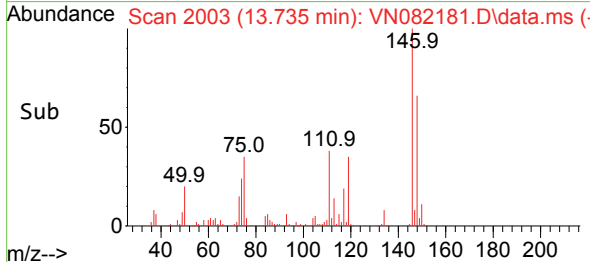
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



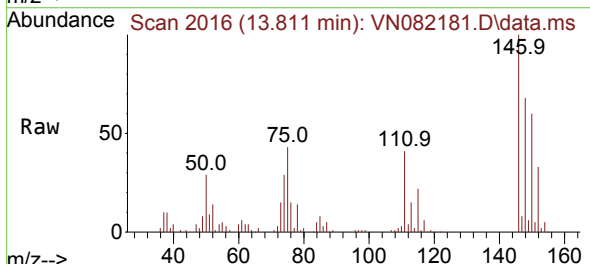
Tgt Ion:146 Resp: 8759
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.5
148 65.5 32.1 96.3

Manual Integrations
APPROVED

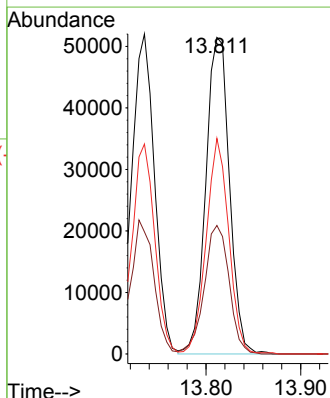
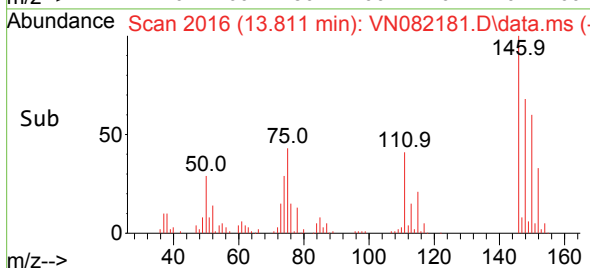
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

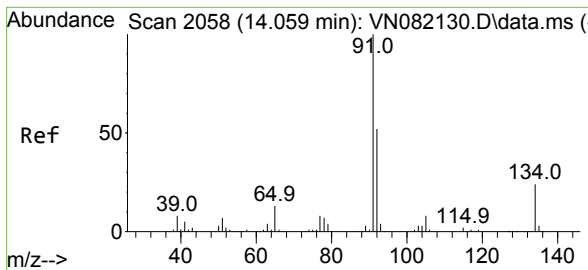


#88
1,4-Dichlorobenzene
Concen: 19.186 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



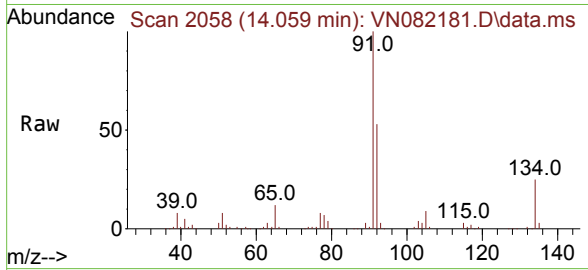
Tgt Ion:146 Resp: 89021
Ion Ratio Lower Upper
146 100
111 42.7 19.3 57.9
148 65.1 31.3 93.9





#89
n-Butylbenzene
Concen: 19.313 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

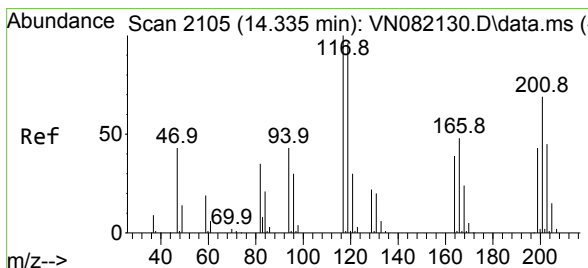
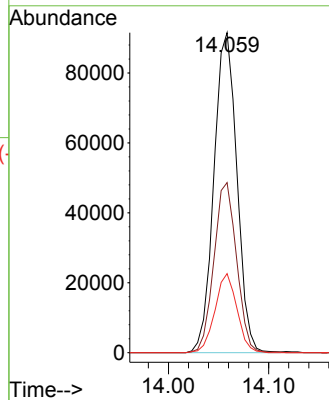
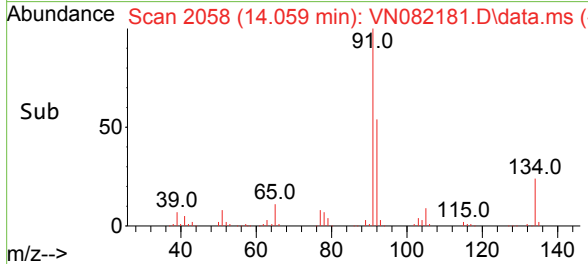
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 91 Resp: 145650
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 23.7 13.2 39.5

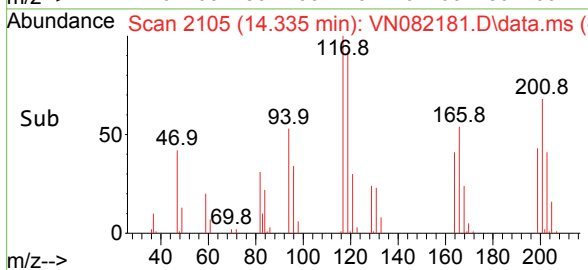
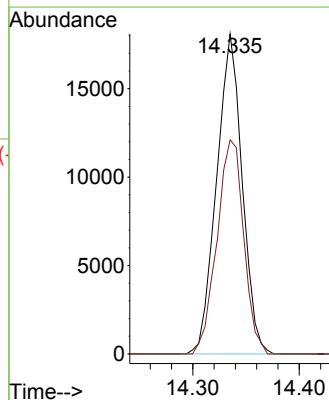
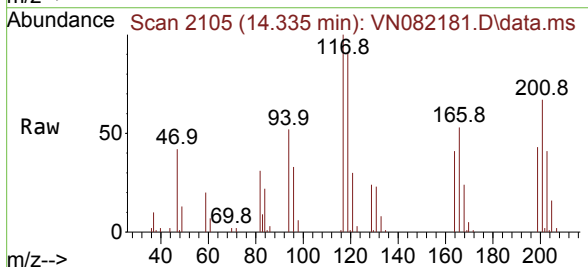
Manual Integrations
APPROVED

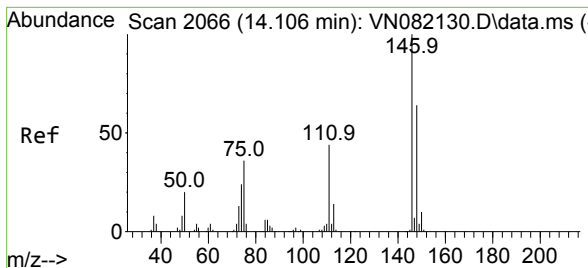
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#90
Hexachloroethane
Concen: 19.361 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

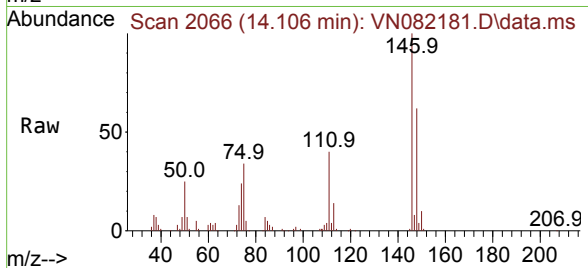
Tgt Ion:117 Resp: 30099
Ion Ratio Lower Upper
117 100
201 70.1 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 20.188 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

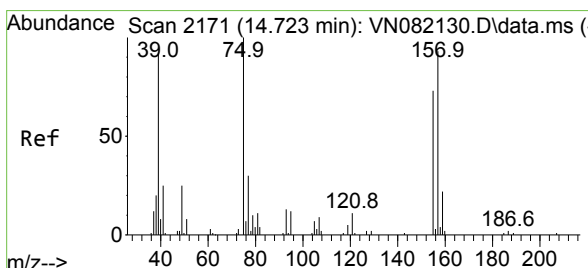
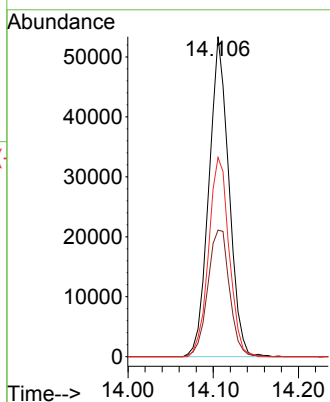
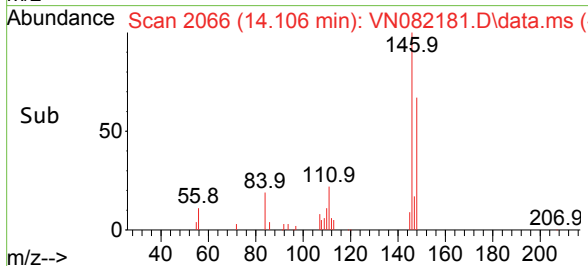
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



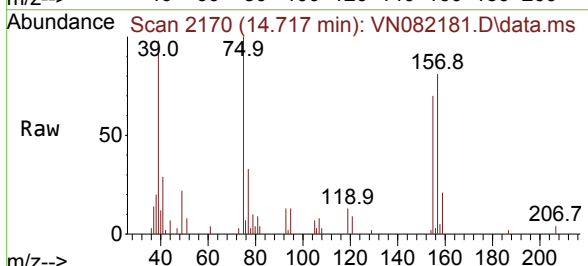
Tgt Ion:146 Resp: 86870
Ion Ratio Lower Upper
146 100
111 43.2 21.3 64.0
148 63.7 31.8 95.4

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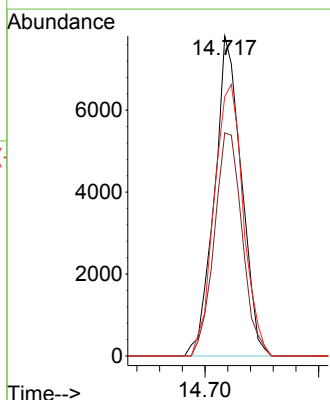
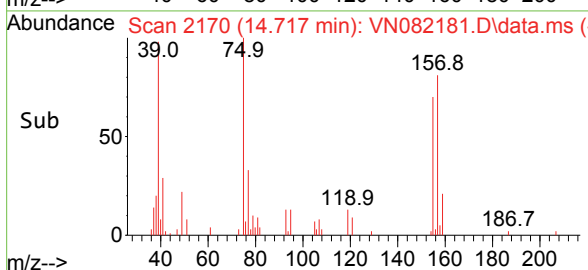
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

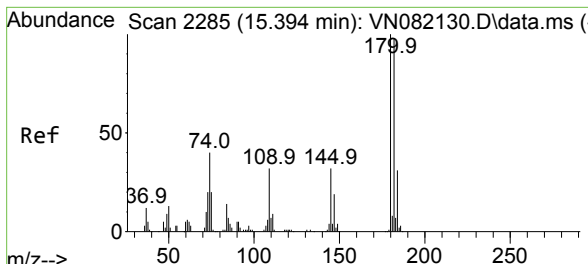


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.616 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11



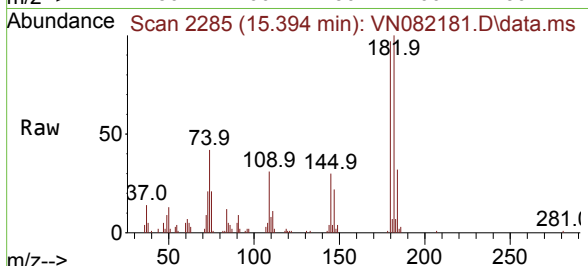
Tgt Ion: 75 Resp: 12857
Ion Ratio Lower Upper
75 100
155 72.4 42.6 128.0
157 91.7 53.0 159.0





#93
 1,2,4-Trichlorobenzene
 Concen: 18.866 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

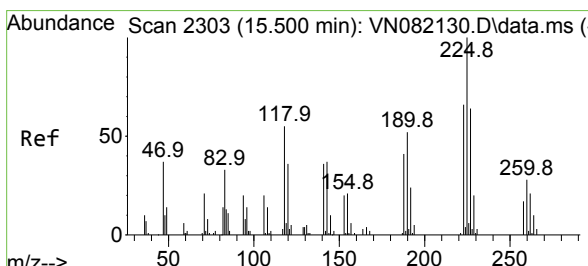
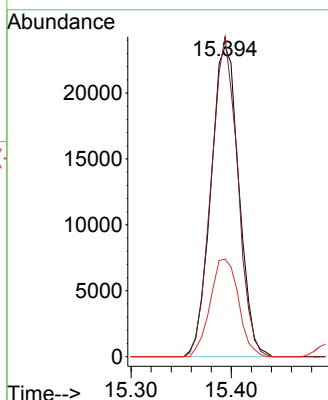
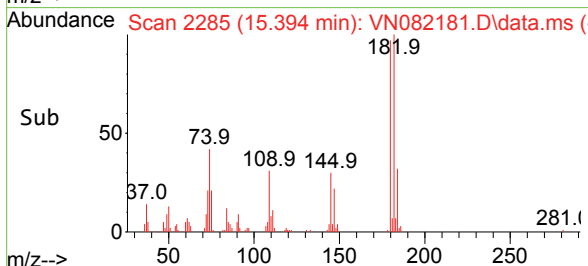
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



Tgt Ion:	180	Resp:	45509
Ion Ratio	Lower	Upper	
180	100		
182	97.6	46.7	140.0
145	32.0	16.2	48.6

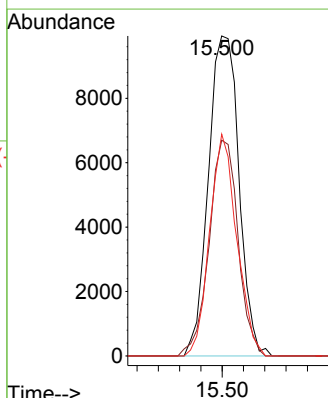
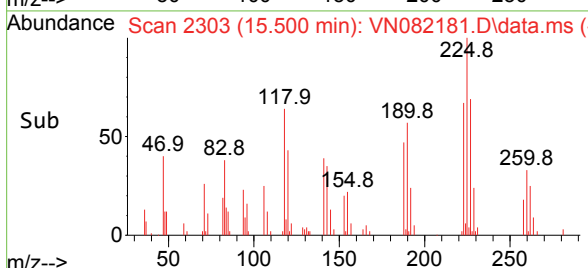
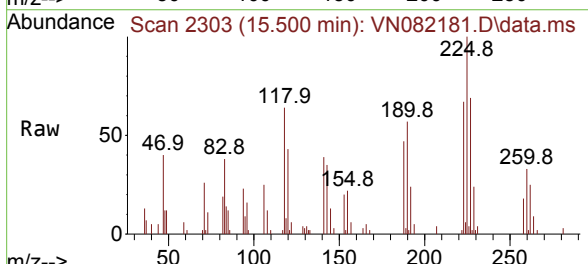
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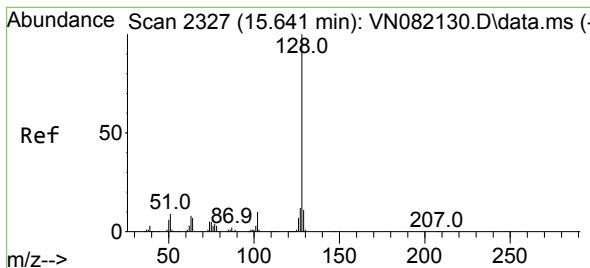
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024



#94
 Hexachlorobutadiene
 Concen: 18.699 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN082181.D
 Acq: 17 May 2024 16:11

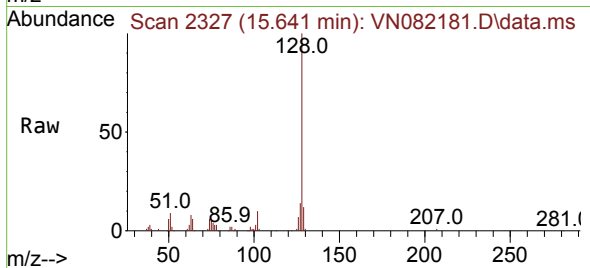
Tgt Ion:	225	Resp:	19792
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.1	93.2
227	61.4	30.6	91.6





#95
Naphthalene
Concen: 19.298 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

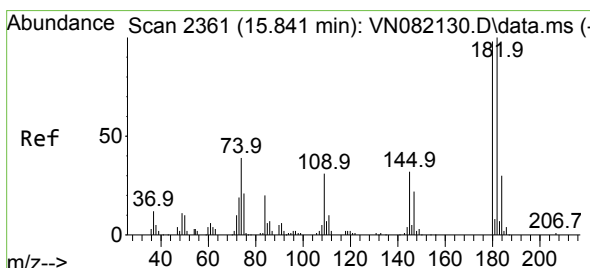
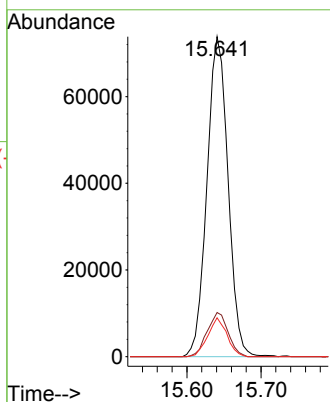
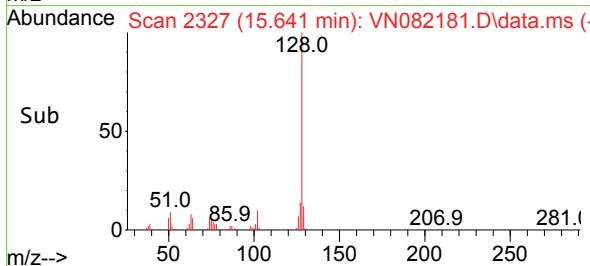
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:128 Resp: 145879
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.191 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082181.D
Acq: 17 May 2024 16:11

Tgt Ion:180 Resp: 46343
Ion Ratio Lower Upper
180 100
182 95.3 46.0 137.8
145 34.3 17.1 51.3

