

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082956.D
 Acq On : 17 Jul 2024 12:21
 Operator : JC\MD
 Sample : VN0717WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 05:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	97715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	173383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	178553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	78042	56.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.940%			
35) Dibromofluoromethane	8.165	113	59254	53.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.520%			
50) Toluene-d8	10.571	98	227727	55.419	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.840%			
62) 4-Bromofluorobenzene	12.847	95	82833	56.118	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	26000	20.552	ug/l	97
3) Chloromethane	2.365	50	24433	20.365	ug/l	94
4) Vinyl Chloride	2.518	62	26942	21.382	ug/l	100
5) Bromomethane	2.959	94	15753	17.340	ug/l	84
6) Chloroethane	3.118	64	15664	18.166	ug/l	99
7) Trichlorofluoromethane	3.495	101	29830	16.460	ug/l	96
8) Diethyl Ether	3.959	74	10687	17.231	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	19086	18.608	ug/l	100
10) Methyl Iodide	4.589	142	16331	15.530	ug/l #	92
11) Tert butyl alcohol	5.530	59	18299	79.427	ug/l #	71
12) 1,1-Dichloroethene	4.348	96	16260	16.301	ug/l #	78
13) Acrolein	4.183	56	4157	24.992	ug/l	85
14) Allyl chloride	5.030	41	24730	15.900	ug/l #	94
15) Acrylonitrile	5.718	53	49662	93.797	ug/l	98
16) Acetone	4.436	43	43774	90.769	ug/l	94
17) Carbon Disulfide	4.712	76	45244	15.179	ug/l	98
18) Methyl Acetate	5.030	43	26840	21.033	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	59118	17.181	ug/l	97
20) Methylene Chloride	5.277	84	20459	17.566	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	18683	17.286	ug/l #	78
22) Diisopropyl ether	6.677	45	61935	19.034	ug/l #	96
23) Vinyl Acetate	6.606	43	231565	89.615	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	36364	18.424	ug/l	96
25) 2-Butanone	7.483	43	67820	93.136	ug/l	98
26) 2,2-Dichloropropane	7.489	77	32258	17.578	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	22452	17.743	ug/l	91
28) Bromochloromethane	7.812	49	20280	23.951	ug/l	85
29) Tetrahydrofuran	7.842	42	42869	93.512	ug/l #	86
30) Chloroform	7.965	83	41774	19.951	ug/l	95
31) Cyclohexane	8.259	56	29832	16.658	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	36251	18.647	ug/l	97
36) 1,1-Dichloropropene	8.377	75	26011	16.957	ug/l	99
37) Ethyl Acetate	7.559	43	26689	17.090	ug/l #	95
38) Carbon Tetrachloride	8.365	117	31094	16.836	ug/l	98
39) Methylcyclohexane	9.606	83	25783	15.561	ug/l	95
40) Benzene	8.606	78	86326	18.296	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	15331	18.222	ug/l	96
42) 1,2-Dichloroethane	8.671	62	31747	18.690	ug/l	98
43) Isopropyl Acetate	8.694	43	60654	18.743	ug/l	98
44) Trichloroethene	9.353	130	19963	16.514	ug/l	98
45) 1,2-Dichloropropane	9.624	63	22618	20.533	ug/l	94
46) Dibromomethane	9.712	93	16437	19.153	ug/l	98
47) Bromodichloromethane	9.894	83	35142	19.818	ug/l #	95
48) Methyl methacrylate	9.683	41	21200	17.313	ug/l #	87
49) 1,4-Dioxane	9.694	88	9539	353.011	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	154164	99.575	ug/l	95
52) Toluene	10.630	92	55434	18.807	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	33293	18.226	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	35450	18.334	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	23567	21.744	ug/l	95
56) Ethyl methacrylate	10.877	69	31886	18.910	ug/l	88
57) 1,3-Dichloropropane	11.165	76	41494	21.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	96171	111.148	ug/l	98
59) 2-Hexanone	11.194	43	126884	110.231	ug/l	97
60) Dibromochloromethane	11.359	129	29155	21.120	ug/l	100
61) 1,2-Dibromoethane	11.471	107	25161	21.860	ug/l	97
64) Tetrachloroethene	11.106	164	21675	16.271	ug/l	95
65) Chlorobenzene	11.894	112	67216	17.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	25298	18.589	ug/l	98
67) Ethyl Benzene	11.965	91	105233	16.365	ug/l	98
68) m/p-Xylenes	12.071	106	82918	34.154	ug/l	94
69) o-Xylene	12.400	106	37570	16.150	ug/l	98
70) Styrene	12.412	104	66890	17.403	ug/l	99
71) Bromoform	12.576	173	19725	18.429	ug/l #	98
73) Isopropylbenzene	12.700	105	95526	15.777	ug/l	100
74) N-amyl acetate	12.494	43	43987	17.564	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	34361	18.949	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	27195m	18.931	ug/l	
77) Bromobenzene	12.982	156	26436	16.925	ug/l	97
78) n-propylbenzene	13.035	91	113472	16.300	ug/l	99
79) 2-Chlorotoluene	13.124	91	73288	16.523	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	80529	16.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13592	18.608	ug/l	94
82) 4-Chlorotoluene	13.224	91	74998	17.083	ug/l	100
83) tert-Butylbenzene	13.441	119	65411	15.076	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	80125	16.063	ug/l	98
85) sec-Butylbenzene	13.618	105	93620	15.967	ug/l	100
86) p-Isopropyltoluene	13.729	119	75656	15.466	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	46702	16.551	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	47196	16.173	ug/l	97
89) n-Butylbenzene	14.059	91	62924	15.014	ug/l	99
90) Hexachloroethane	14.335	117	17332	16.744	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	46308	16.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7020	16.734	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	22064	14.951	ug/l	98
94) Hexachlorobutadiene	15.506	225	10550	16.126	ug/l	97
95) Naphthalene	15.641	128	67460	13.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	22047	14.530	ug/l	99

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ALS Vial : 7 Sample Multiplier: 1

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MSVOA_N
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VN0717WBSD01

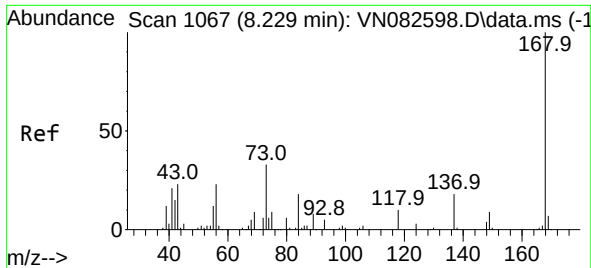
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 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



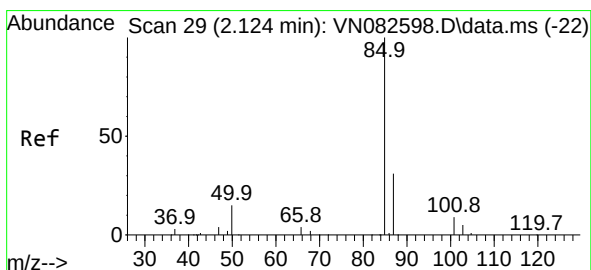
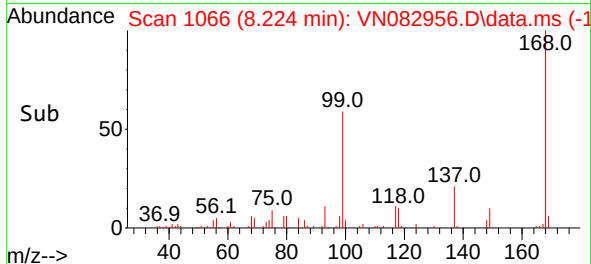
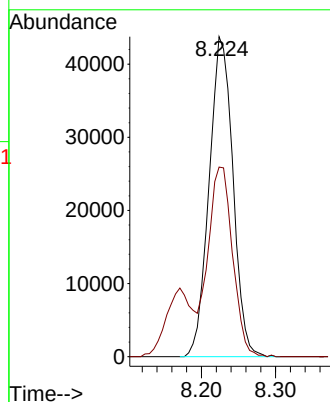
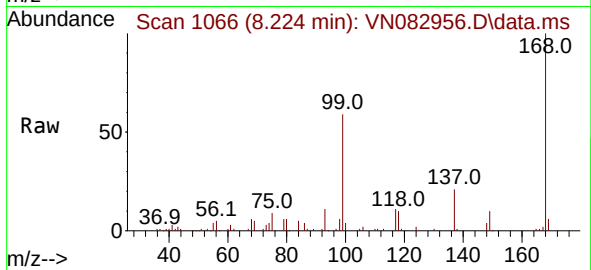
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082956.D
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MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:168 Resp: 97715
Ion Ratio Lower Upper
168 100
99 59.3 48.2 72.4

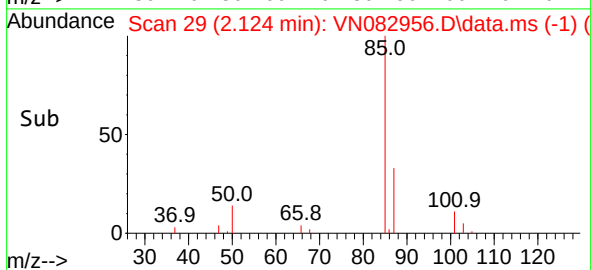
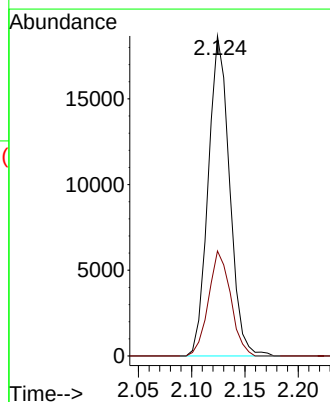
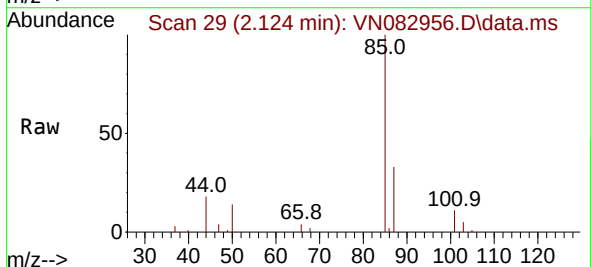
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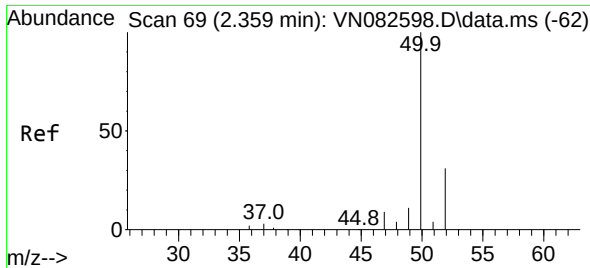
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#2
Dichlorodifluoromethane
Concen: 20.552 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion: 85 Resp: 26000
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





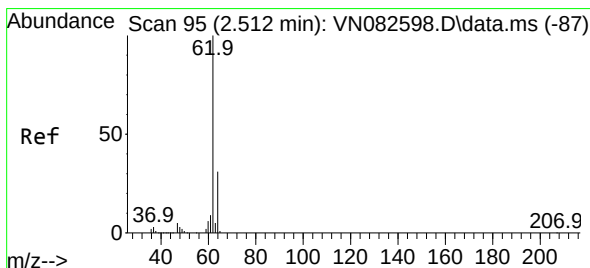
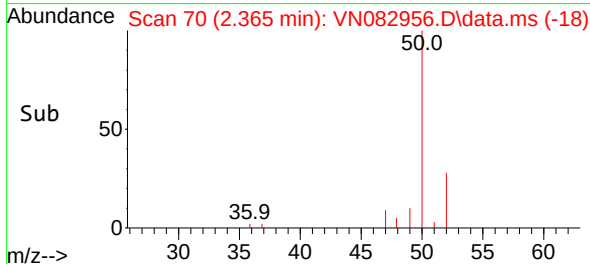
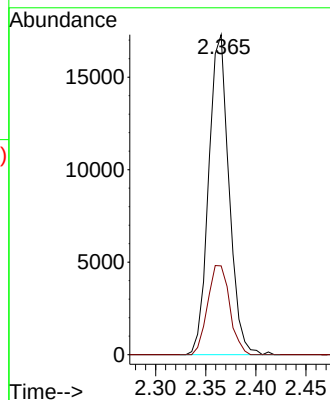
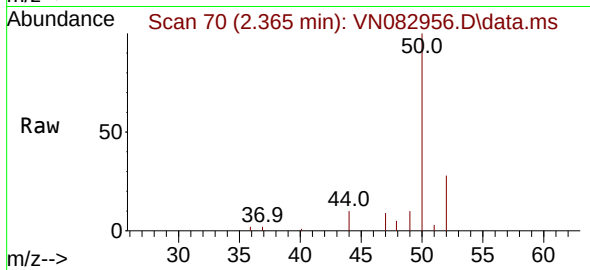
#3
Chloromethane
Concen: 20.365 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
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VN0717WBSD01

Tgt Ion: 50 Resp: 2443
Ion Ratio Lower Upper
50 100
52 27.8 25.0 37.4

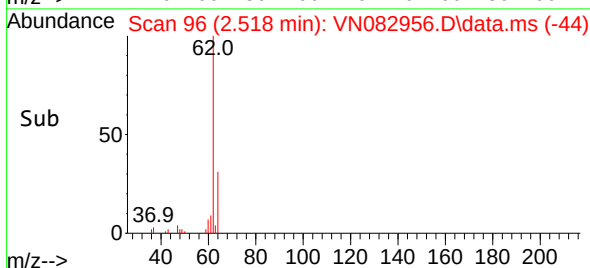
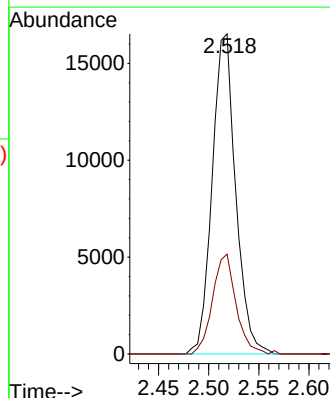
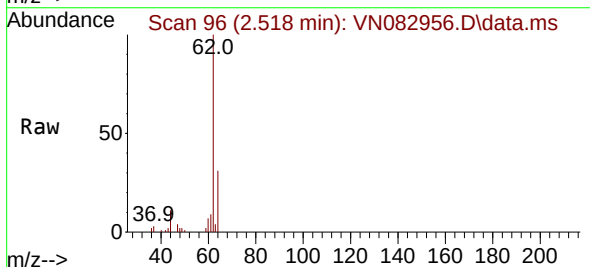
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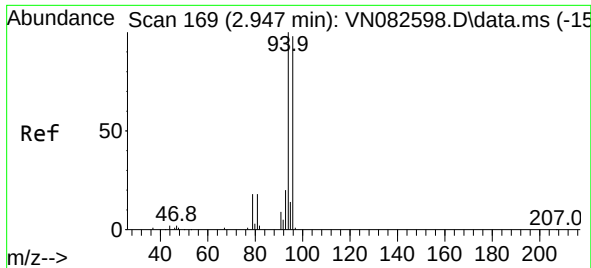
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#4
Vinyl Chloride
Concen: 21.382 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion: 62 Resp: 26942
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6





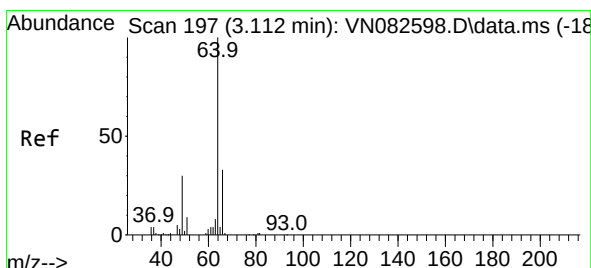
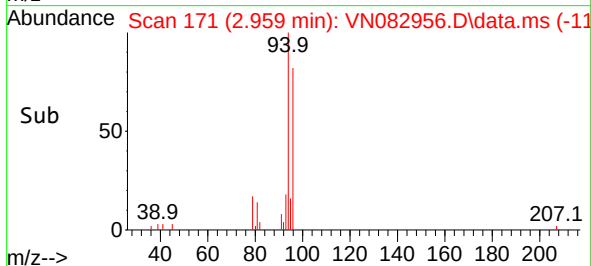
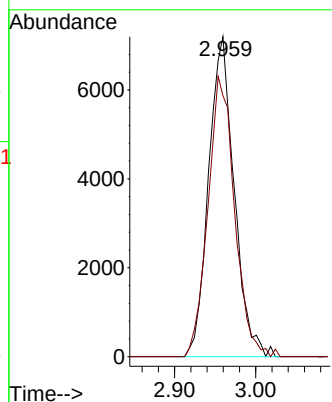
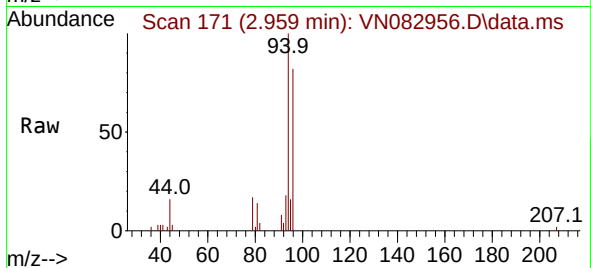
#5
Bromomethane
Concen: 17.340 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

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ClientSampleId :
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Tgt Ion: 94 Resp: 1575
Ion Ratio Lower Upper
94 100
96 81.6 78.0 117.0

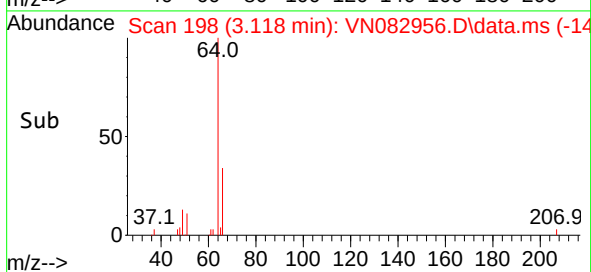
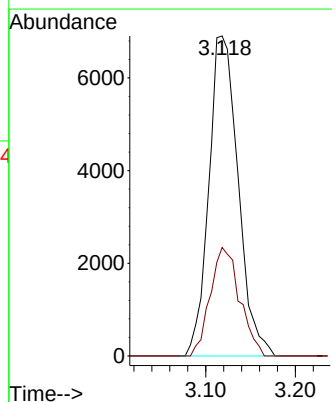
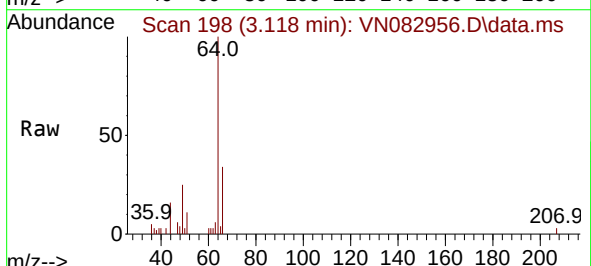
Manual Integrations
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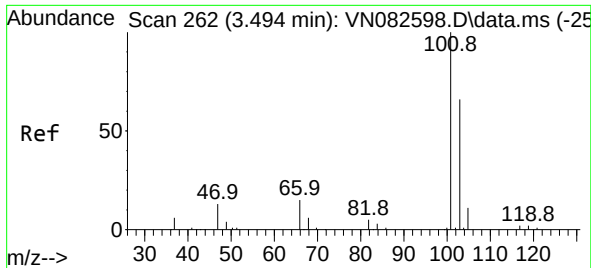
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#6
Chloroethane
Concen: 18.166 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082956.D
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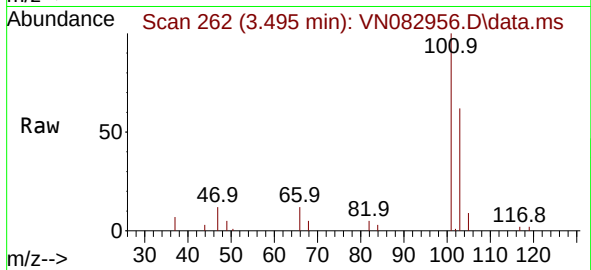
Tgt Ion: 64 Resp: 15664
Ion Ratio Lower Upper
64 100
66 33.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 16.460 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

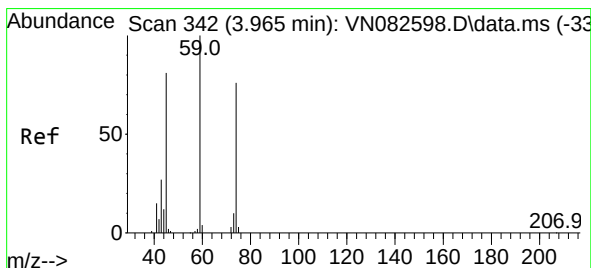
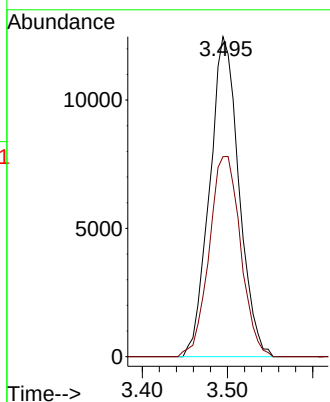
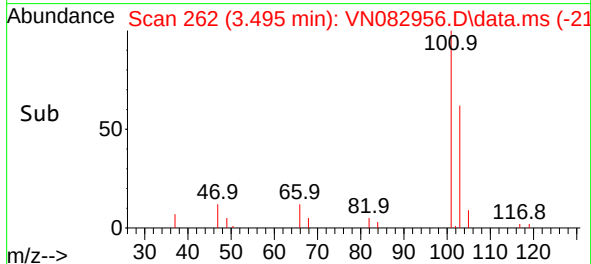
Instrument :
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VN0717WBSD01



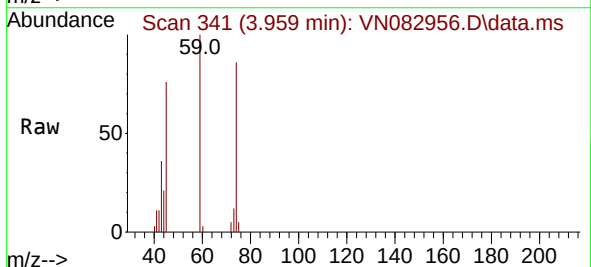
Tgt Ion:101 Resp: 29830
Ion Ratio Lower Upper
101 100
103 62.5 52.7 79.1

Manual Integrations
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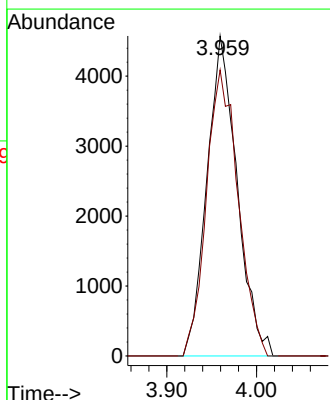
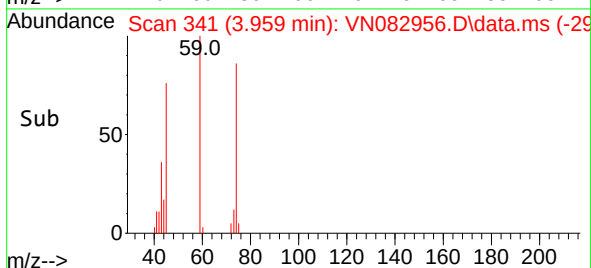
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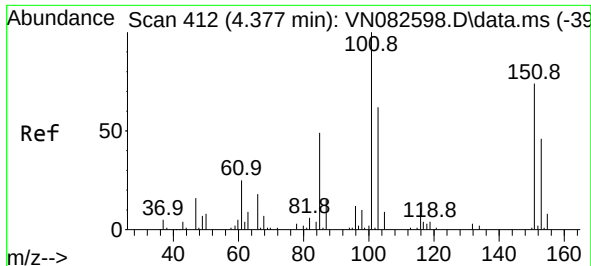


#8
Diethyl Ether
Concen: 17.231 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion: 74 Resp: 10687
Ion Ratio Lower Upper
74 100
45 94.1 55.5 166.3





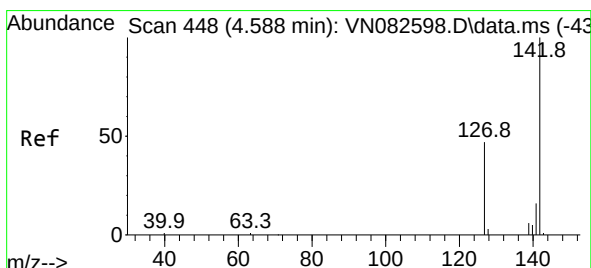
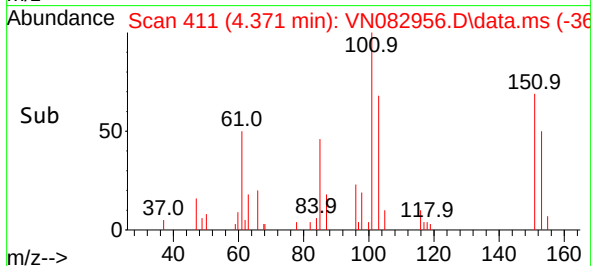
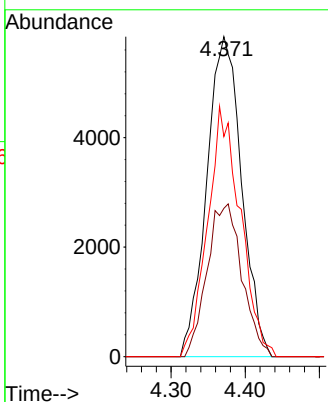
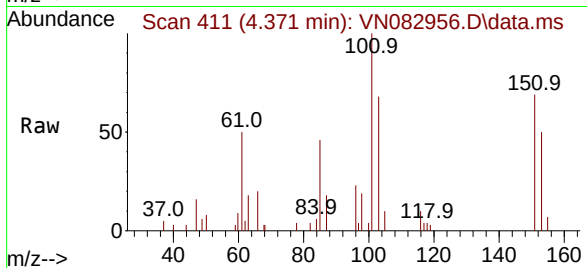
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.608 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:101 Resp: 1908
Ion Ratio Lower Upper
101 100
85 47.8 38.3 57.5
151 73.5 59.3 88.9

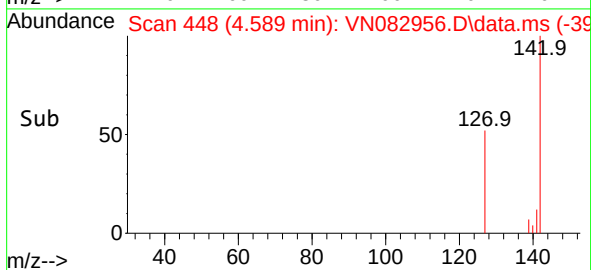
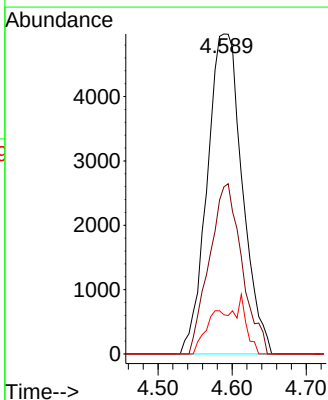
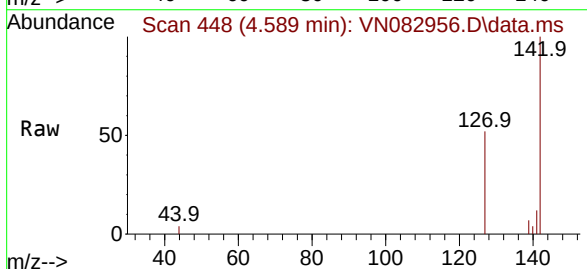
Manual Integrations
APPROVED

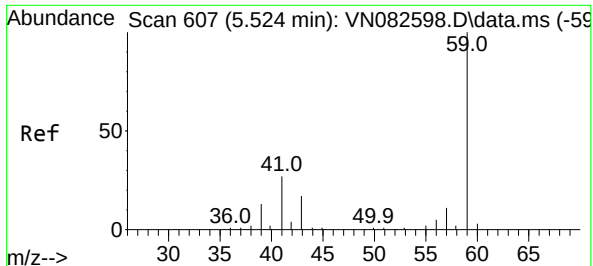
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#10
Methyl Iodide
Concen: 15.530 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion:142 Resp: 16331
Ion Ratio Lower Upper
142 100
127 52.2 37.5 56.3
141 12.2 13.1 19.7#





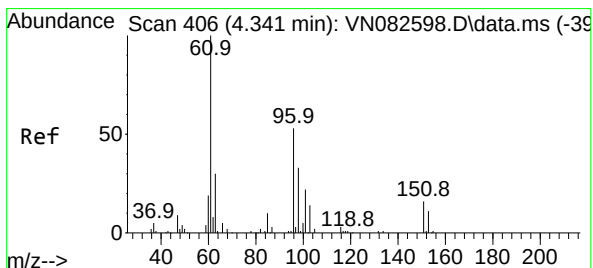
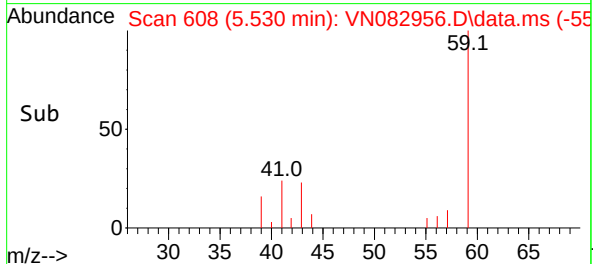
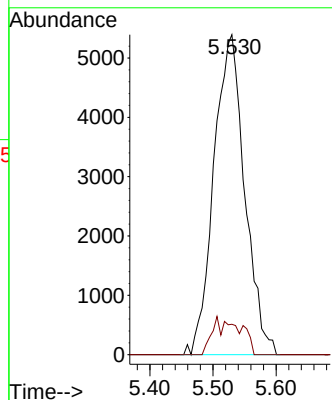
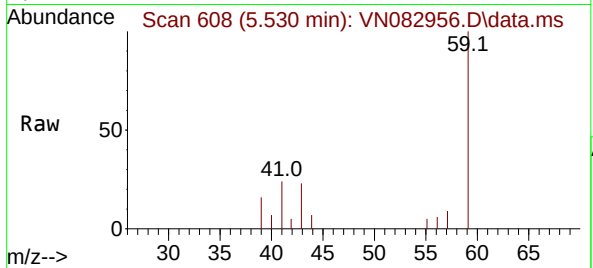
#11
Tert butyl alcohol
Concen: 79.427 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion: 59 Resp: 18299
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

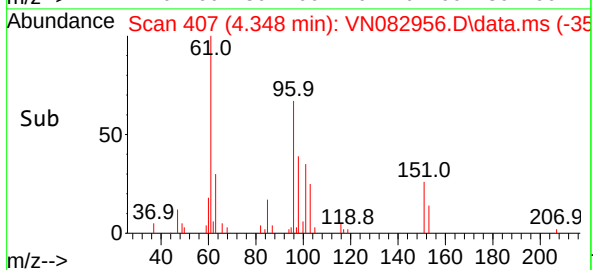
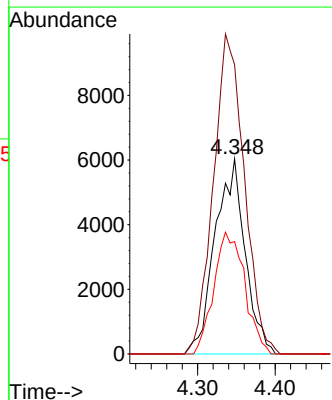
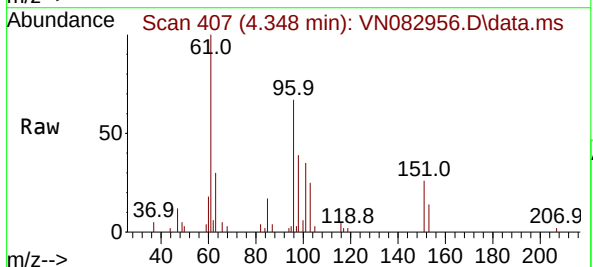
Manual Integrations
APPROVED

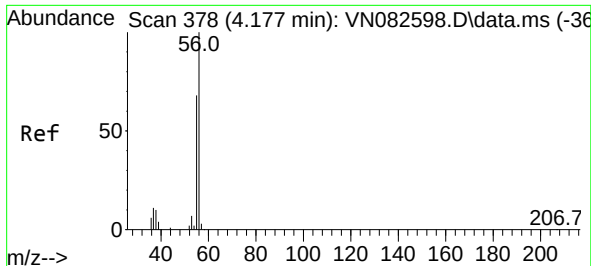
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#12
1,1-Dichloroethene
Concen: 16.301 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.007 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

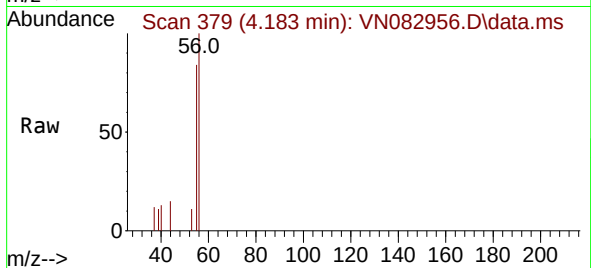
Tgt Ion: 96 Resp: 16260
Ion Ratio Lower Upper
96 100
61 148.3 149.7 224.5#
98 57.6 50.1 75.1





#13
Acrolein
Concen: 24.992 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

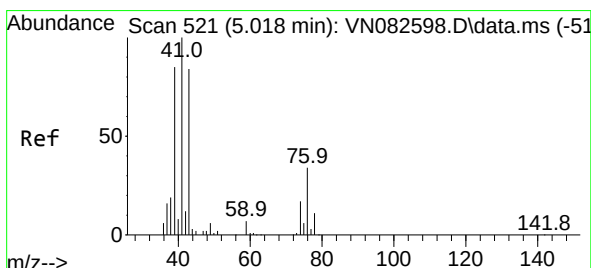
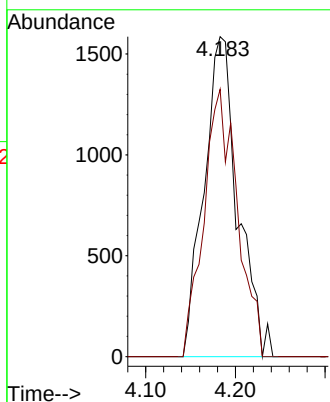
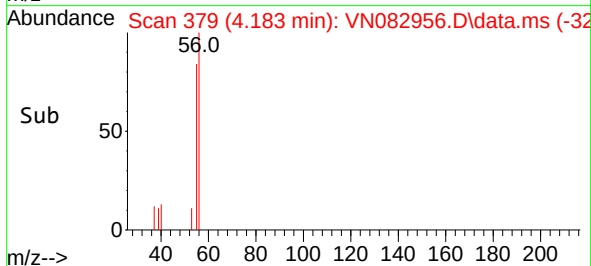
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 56 Resp: 415
Ion Ratio Lower Upper
56 100
55 83.0 56.4 84.6

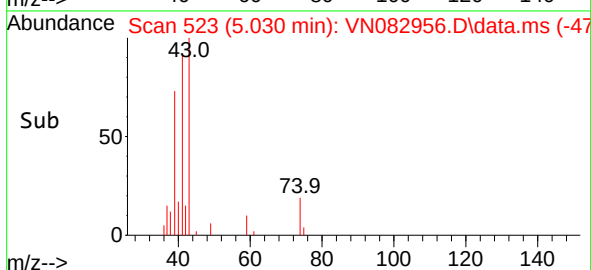
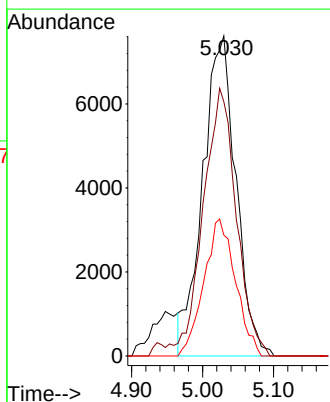
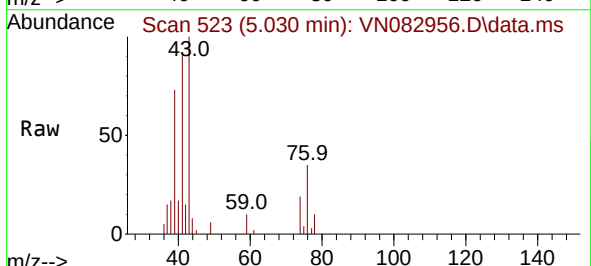
Manual Integrations
APPROVED

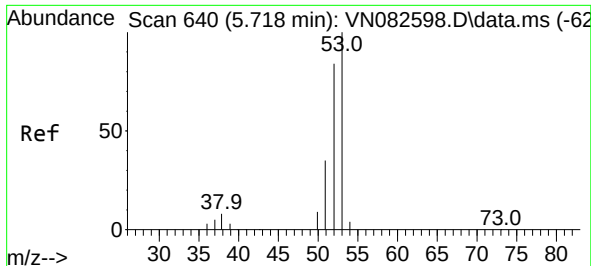
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#14
Allyl chloride
Concen: 15.900 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

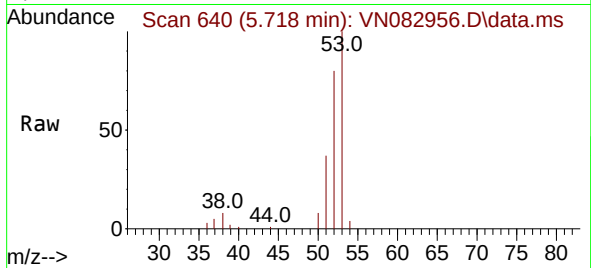
Tgt Ion: 41 Resp: 24730
Ion Ratio Lower Upper
41 100
39 82.8 67.8 101.6
76 40.6 25.8 38.8#





#15
Acrylonitrile
Concen: 93.797 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

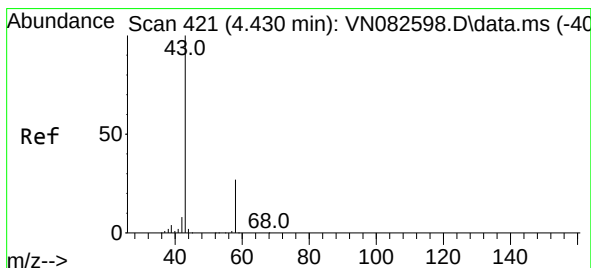
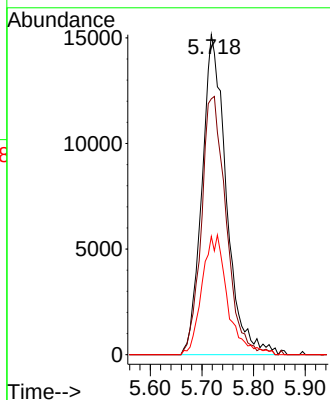
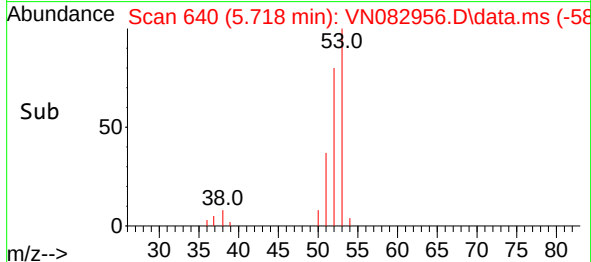
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 53 Resp: 49662
Ion Ratio Lower Upper
53 100
52 81.8 66.6 100.0
51 39.1 30.1 45.1

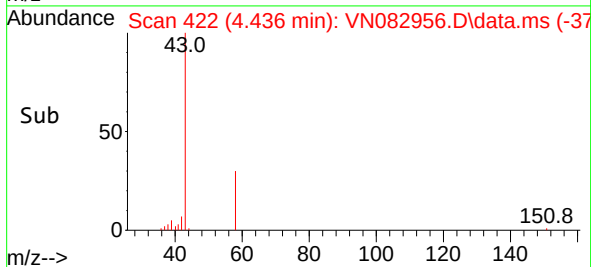
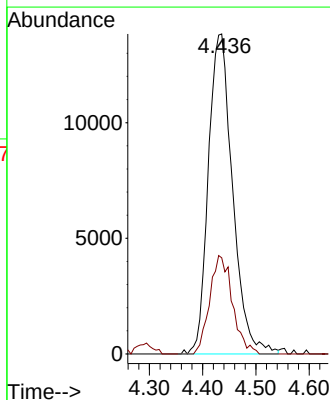
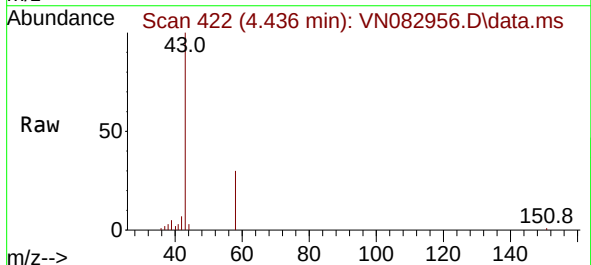
Manual Integrations
APPROVED

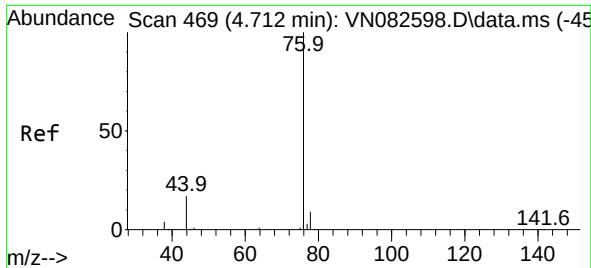
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#16
Acetone
Concen: 90.769 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

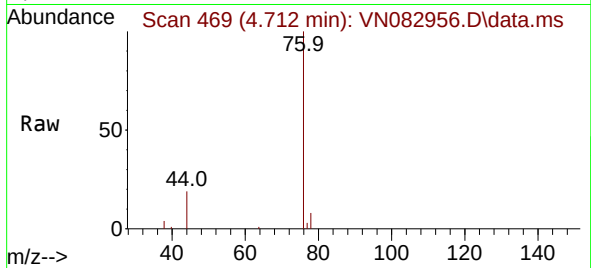
Tgt Ion: 43 Resp: 43774
Ion Ratio Lower Upper
43 100
58 30.1 21.8 32.6





#17
Carbon Disulfide
Concen: 15.179 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

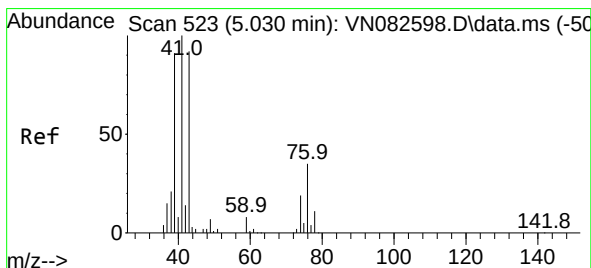
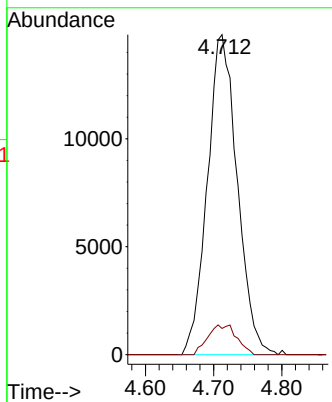
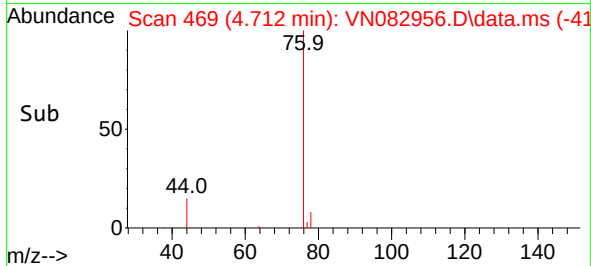
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 76 Resp: 45244
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

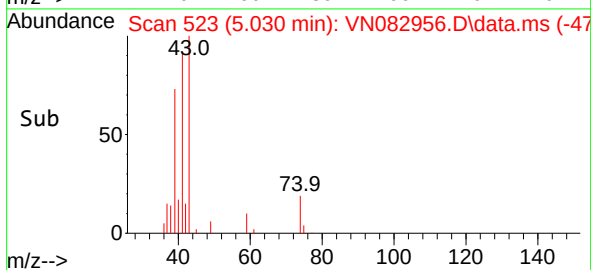
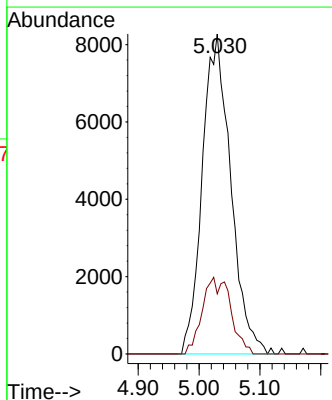
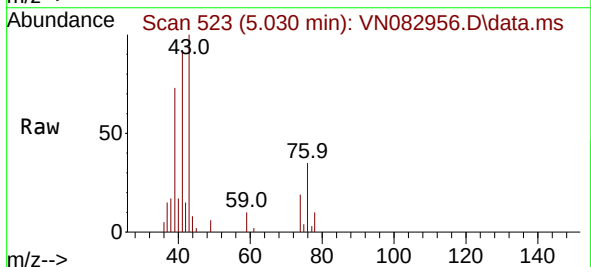
Manual Integrations
APPROVED

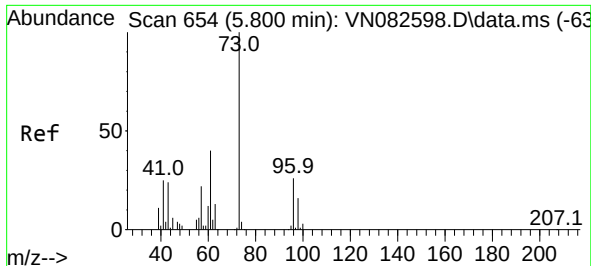
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#18
Methyl Acetate
Concen: 21.033 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

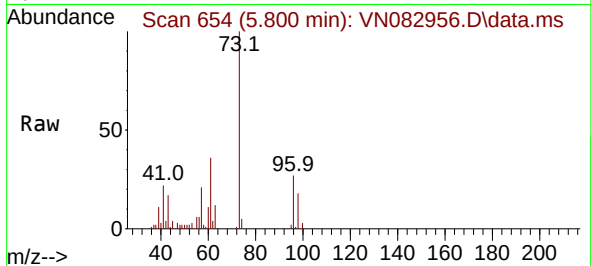
Tgt Ion: 43 Resp: 26840
Ion Ratio Lower Upper
43 100
74 13.2 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 17.181 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

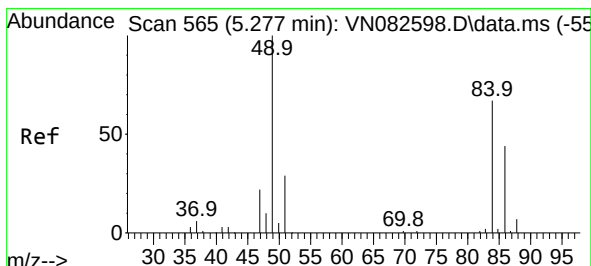
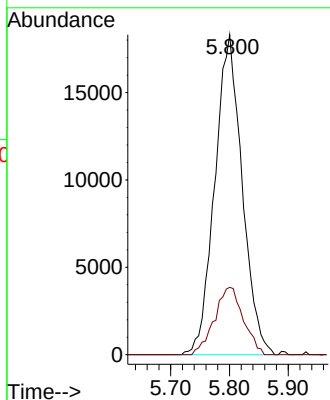
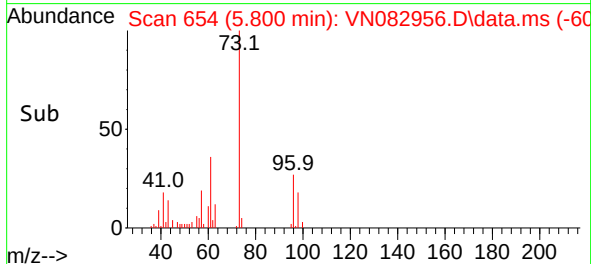
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 73 Resp: 59118
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

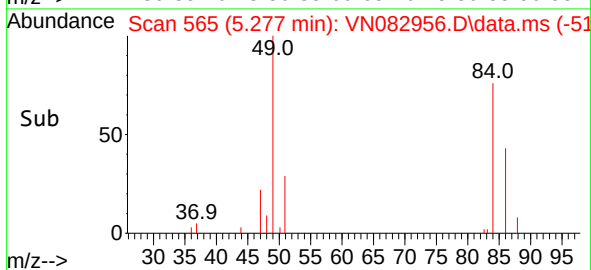
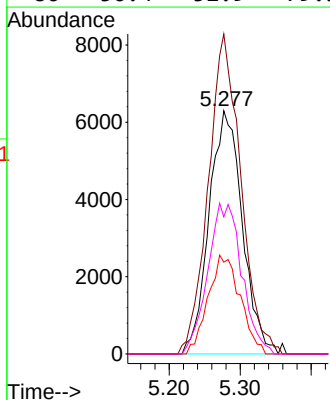
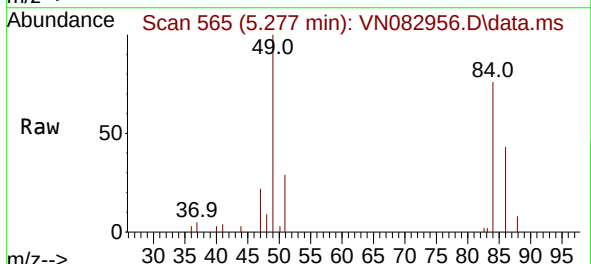
Manual Integrations
APPROVED

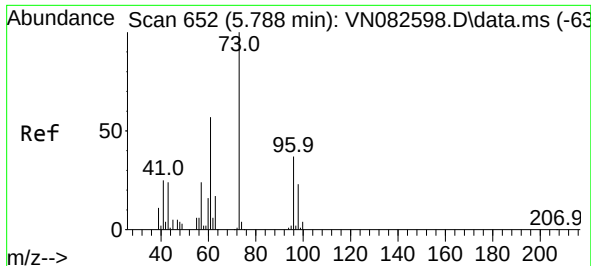
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#20
Methylene Chloride
Concen: 17.566 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

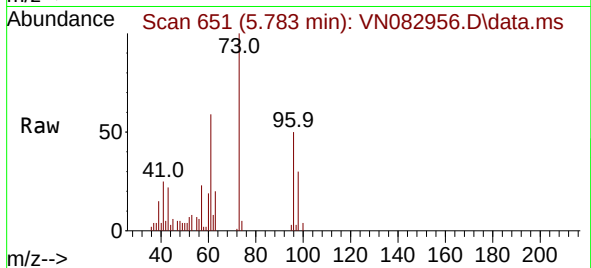
Tgt Ion: 84 Resp: 20459
Ion Ratio Lower Upper
84 100
49 131.6 119.6 179.4
51 37.8 34.8 52.2
86 56.4 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 17.286 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

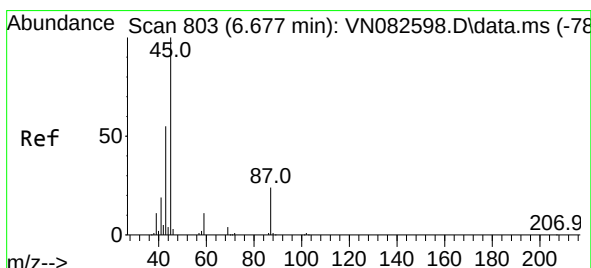
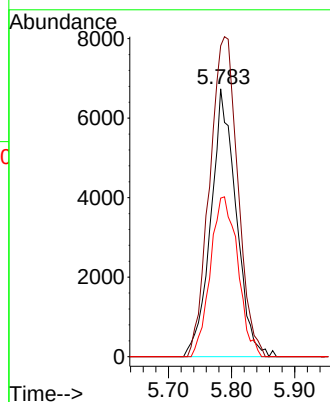
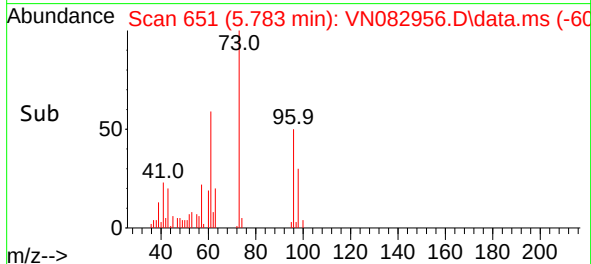
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 96 Resp: 1868
Ion Ratio Lower Upper
96 100
61 116.1 123.4 185.2
98 59.2 49.3 73.9

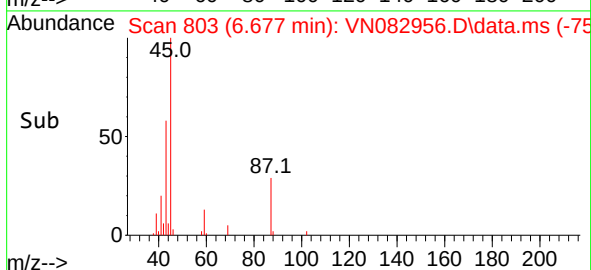
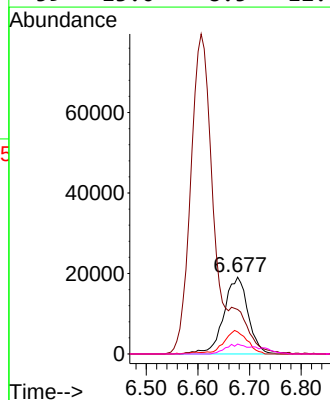
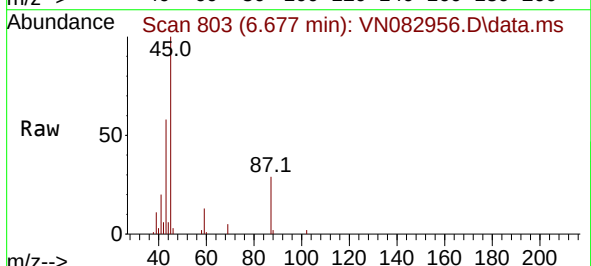
Manual Integrations
APPROVED

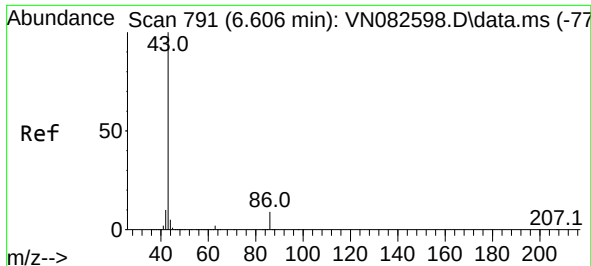
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#22
Diisopropyl ether
Concen: 19.034 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

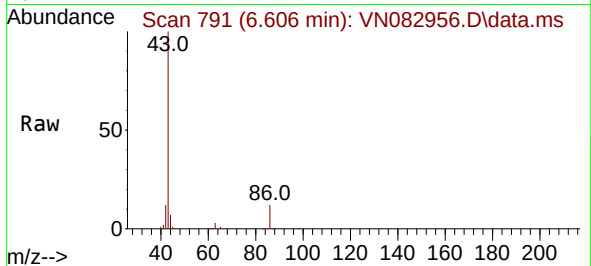
Tgt Ion: 45 Resp: 61935
Ion Ratio Lower Upper
45 100
43 56.3 44.0 66.0
87 28.9 19.7 29.5
59 13.0 8.5 12.7





#23
 Vinyl Acetate
 Concen: 89.615 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21

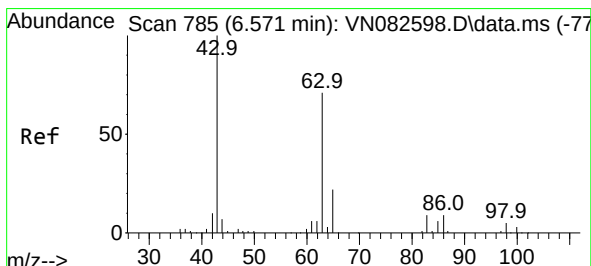
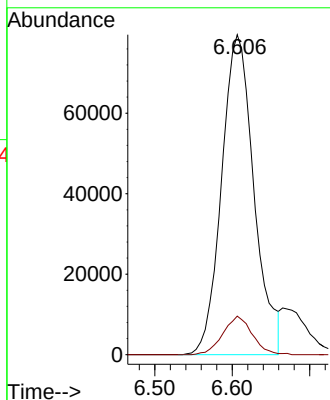
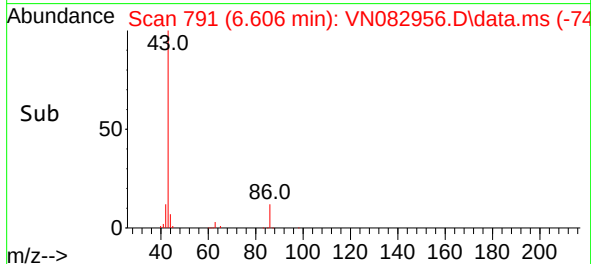
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



Tgt Ion: 43 Resp: 23156
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.3 10.9

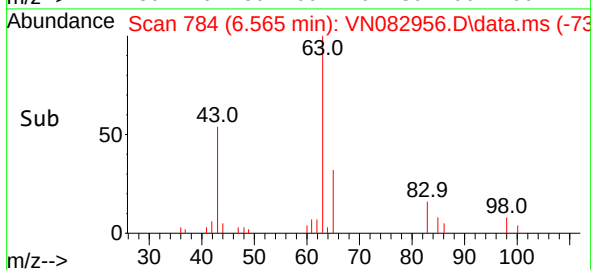
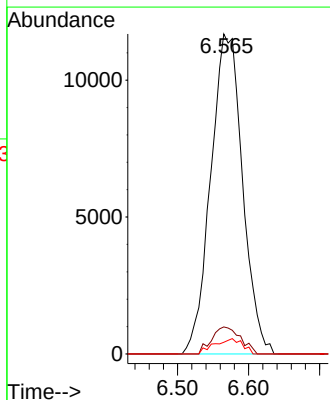
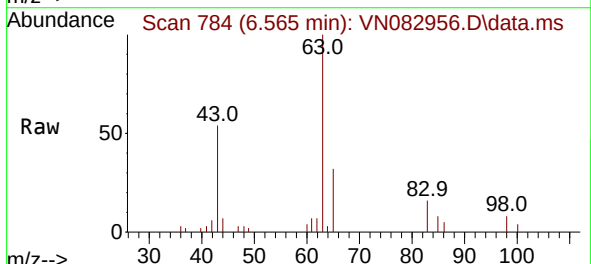
Manual Integrations
 APPROVED

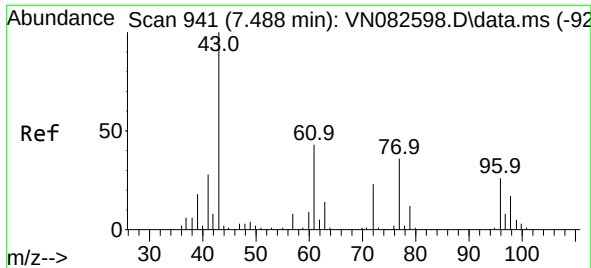
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024



#24
 1,1-Dichloroethane
 Concen: 18.424 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21

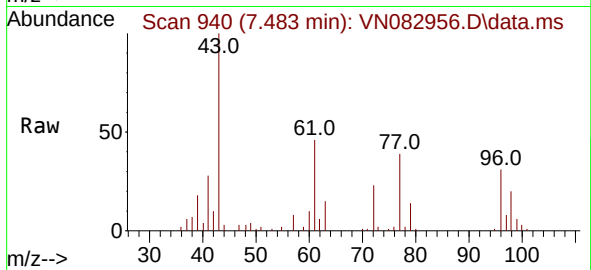
Tgt Ion: 63 Resp: 36364
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.9
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 93.136 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

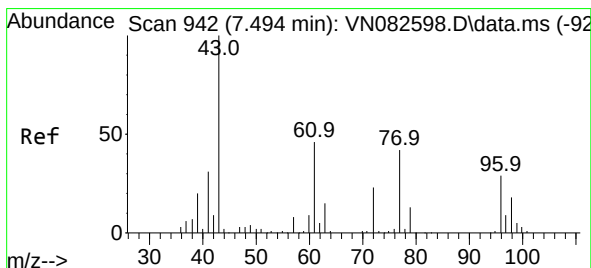
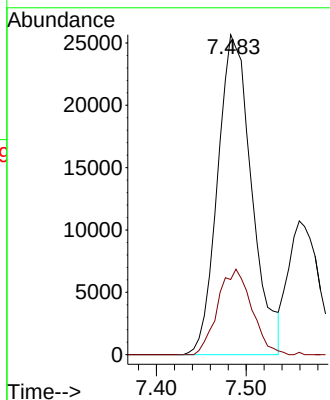
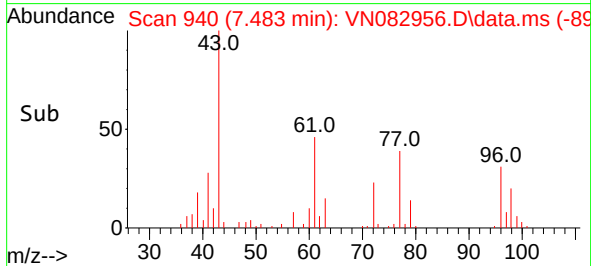
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



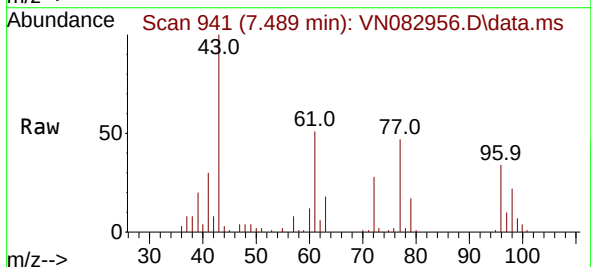
Tgt Ion: 43 Resp: 67820
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.2

Manual Integrations
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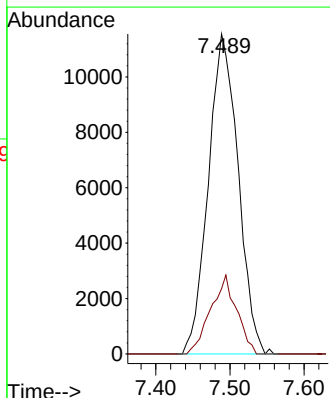
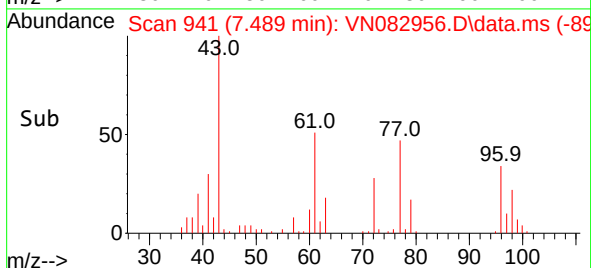
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

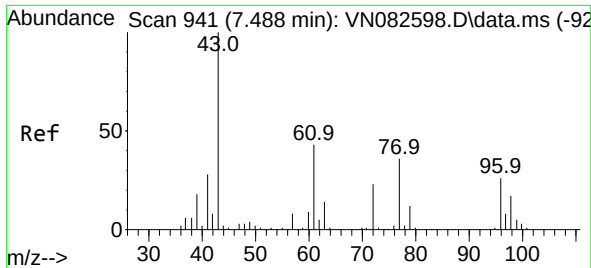


#26
2,2-Dichloropropane
Concen: 17.578 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



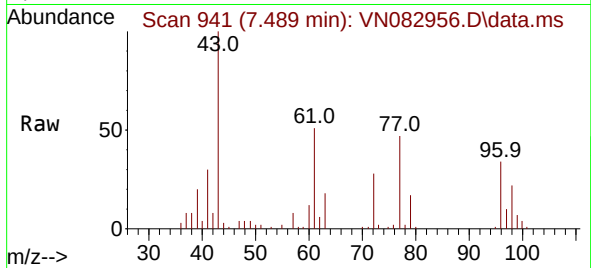
Tgt Ion: 77 Resp: 32258
Ion Ratio Lower Upper
77 100
97 21.5 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 17.743 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21

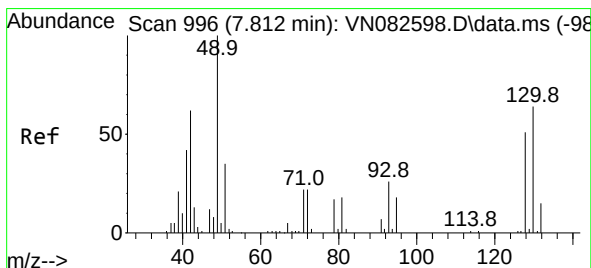
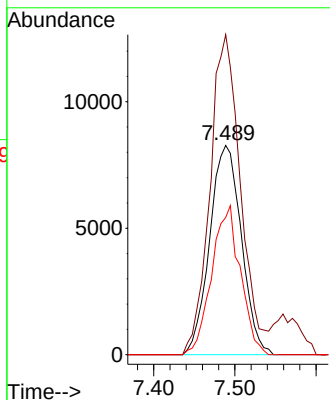
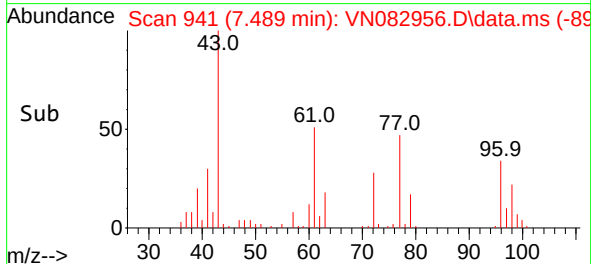
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



Tgt Ion: 96 Resp: 22452
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 329.6
 98 64.4 0.0 128.6

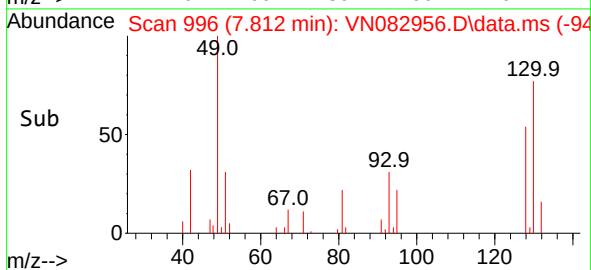
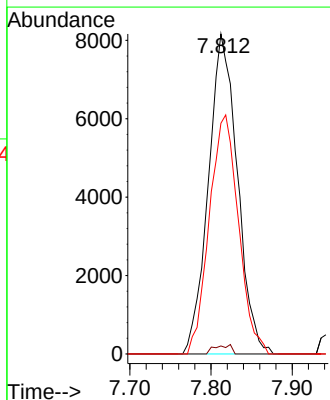
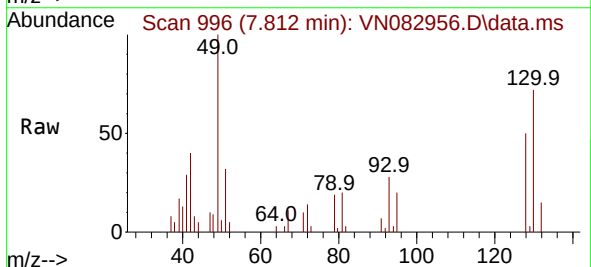
Manual Integrations
 APPROVED

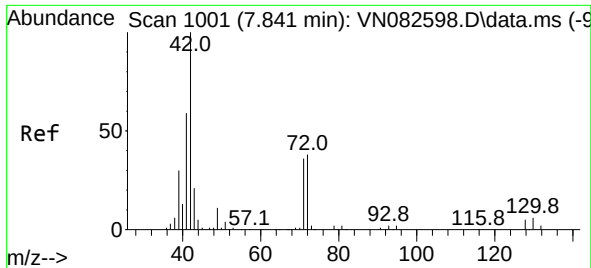
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024



#28
 Bromochloromethane
 Concen: 23.951 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21

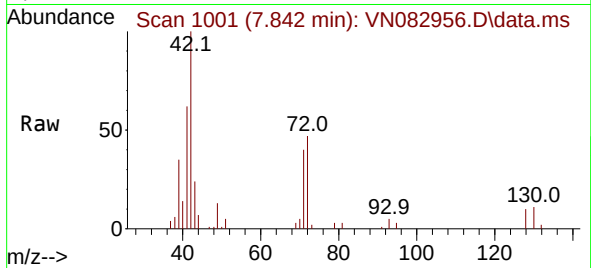
Tgt Ion: 49 Resp: 20280
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.8
 130 75.1 50.5 75.7





#29
Tetrahydrofuran
Concen: 93.512 ug/l
RT: 7.842 min Scan# 1001
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

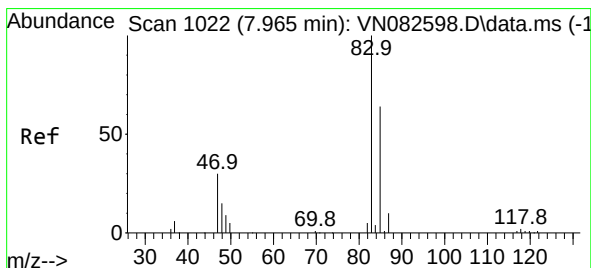
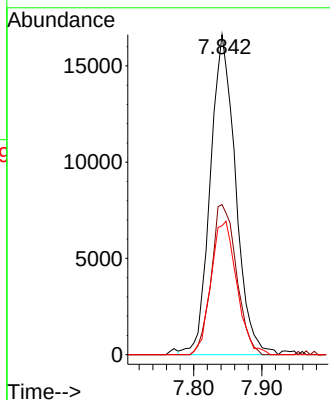
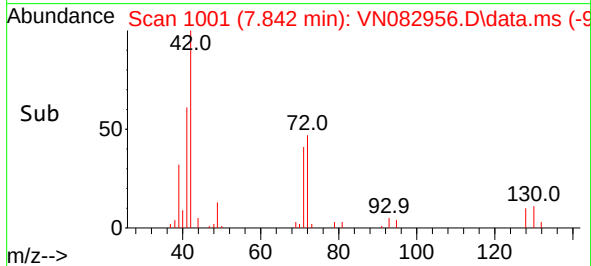
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 42 Resp: 42869
Ion Ratio Lower Upper
42 100
72 46.8 30.0 45.0
71 42.6 28.3 42.5

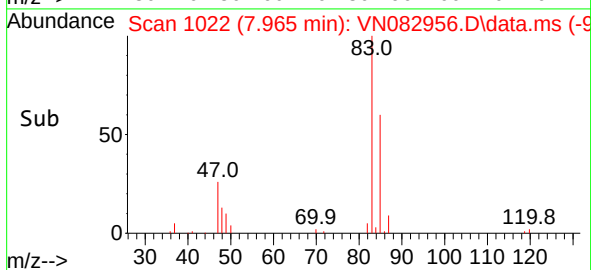
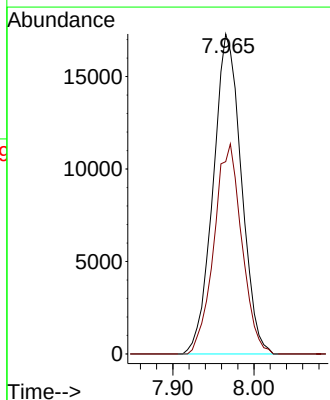
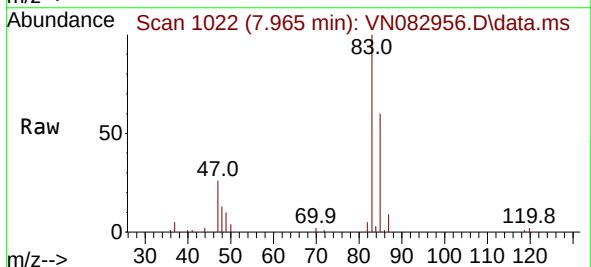
Manual Integrations
APPROVED

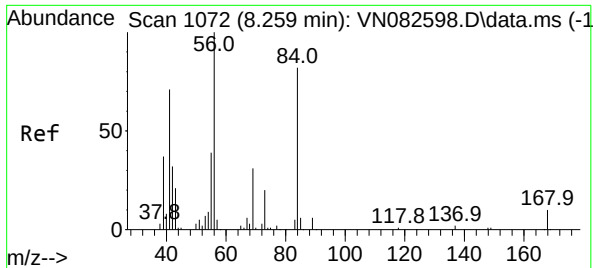
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#30
Chloroform
Concen: 19.951 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

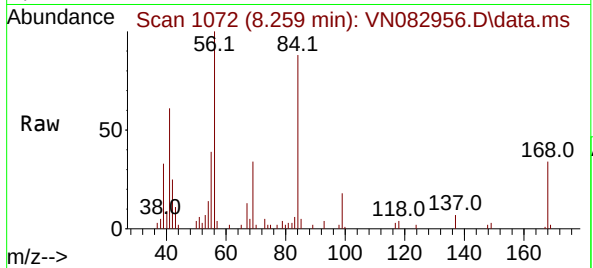
Tgt Ion: 83 Resp: 41774
Ion Ratio Lower Upper
83 100
85 60.1 50.9 76.3





#31
Cyclohexane
Concen: 16.658 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

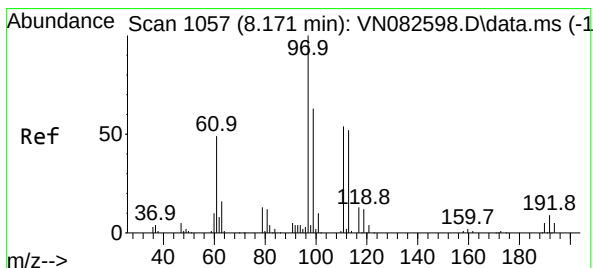
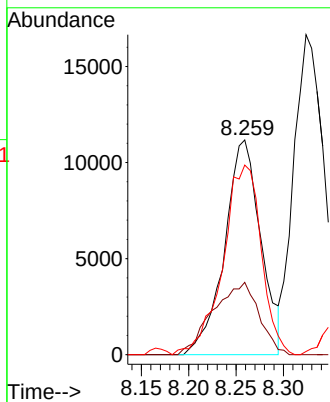
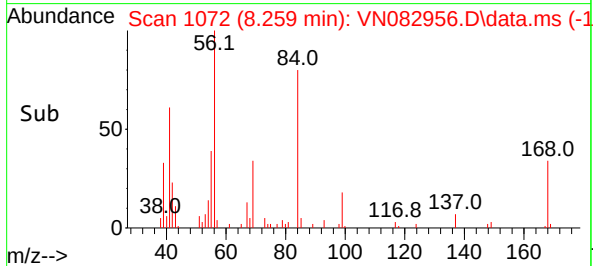
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



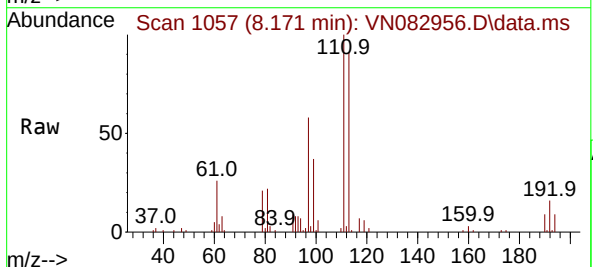
Tgt Ion: 56 Resp: 2983
Ion Ratio Lower Upper
56 100
69 33.7 24.5 36.7
84 86.1 66.0 99.0

Manual Integrations
APPROVED

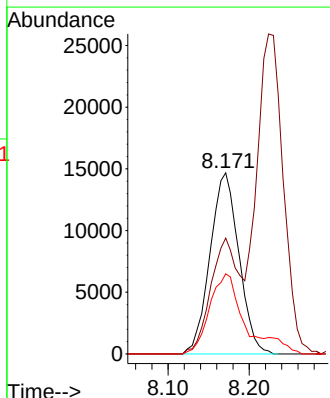
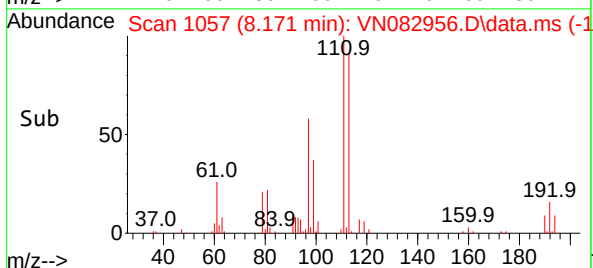
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

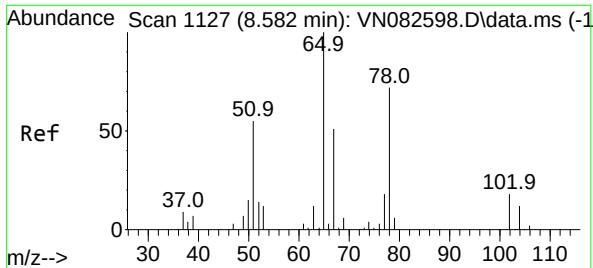


#32
1,1,1-Trichloroethane
Concen: 18.647 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion: 97 Resp: 36251
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 48.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.975 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 65 Resp: 7804

Ion Ratio Lower Upper

65 100

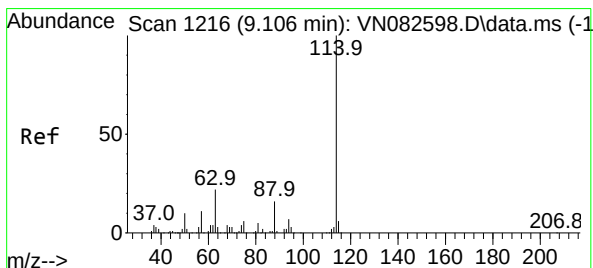
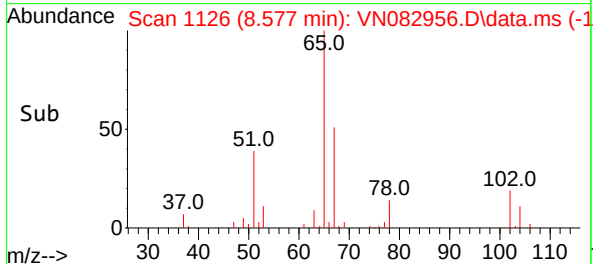
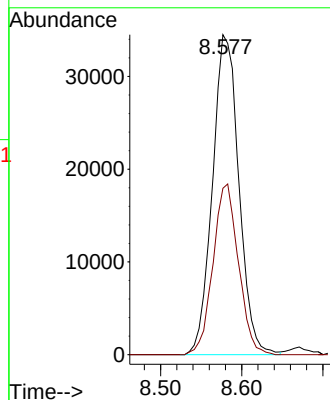
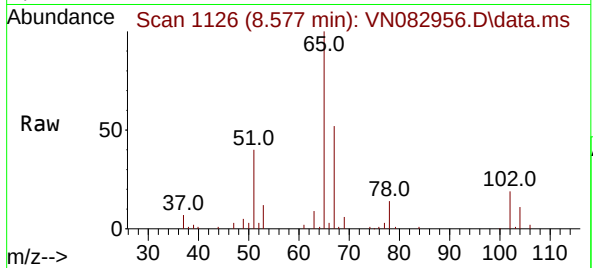
67 51.3 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

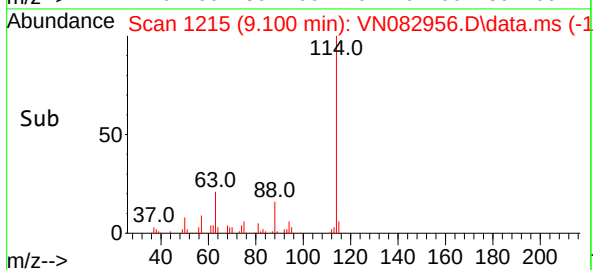
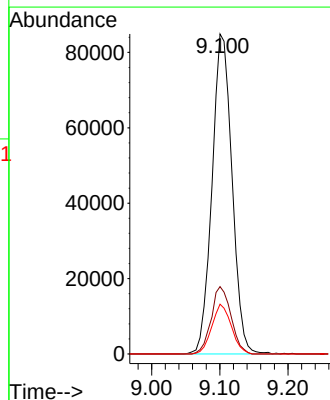
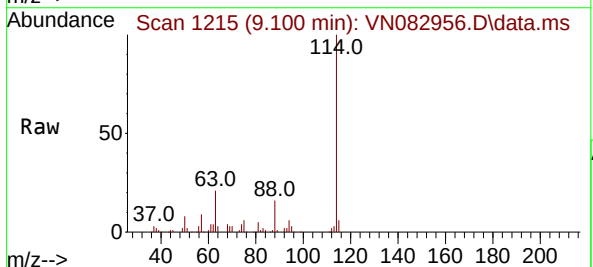
Tgt Ion:114 Resp: 173383

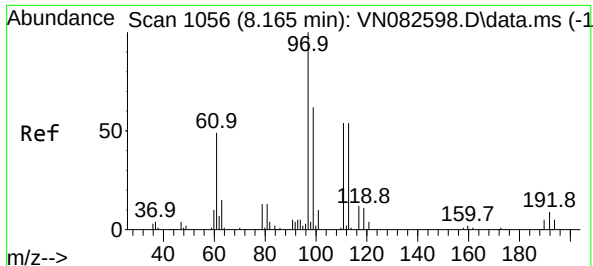
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

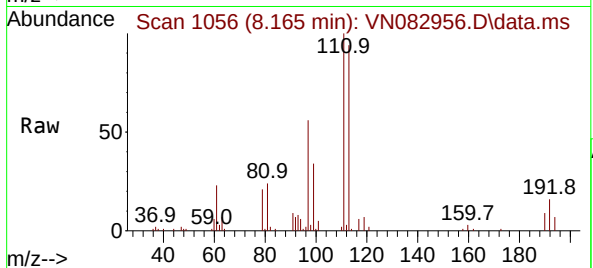
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.259 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

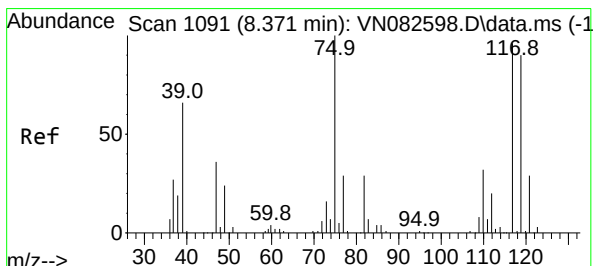
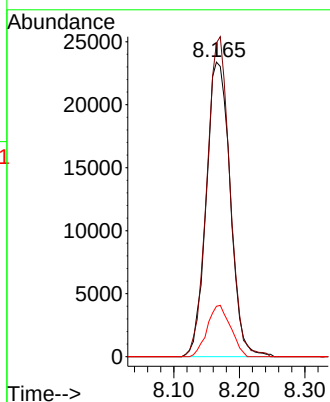
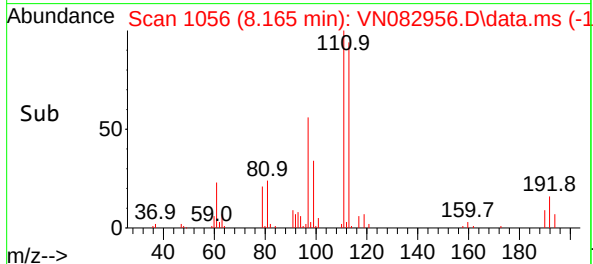
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



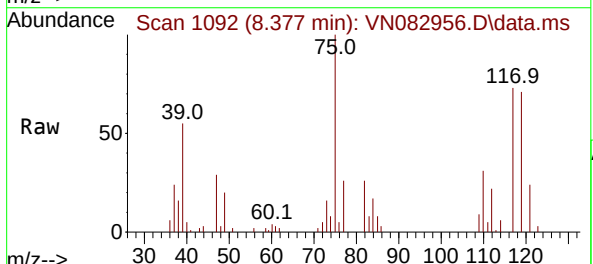
Tgt Ion: 113 Resp: 59254
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 16.9 14.9 22.3

Manual Integrations
APPROVED

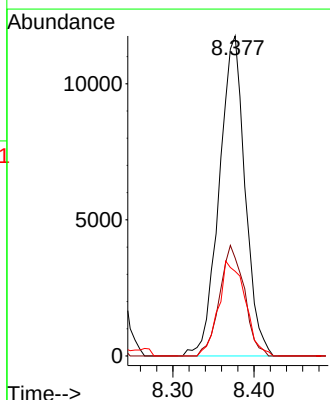
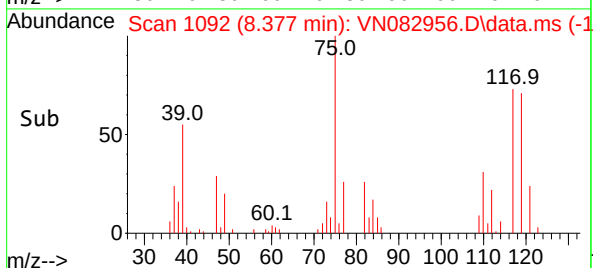
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

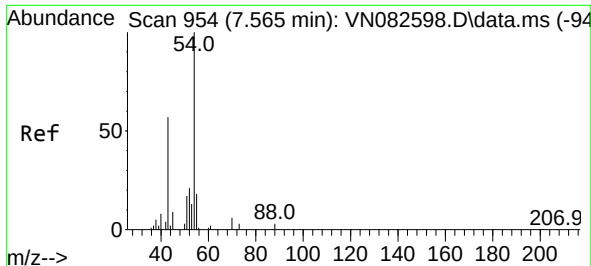


#36
1,1-Dichloropropene
Concen: 16.957 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion: 75 Resp: 26011
Ion Ratio Lower Upper
75 100
110 33.0 16.3 48.9
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 17.090 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082956.D

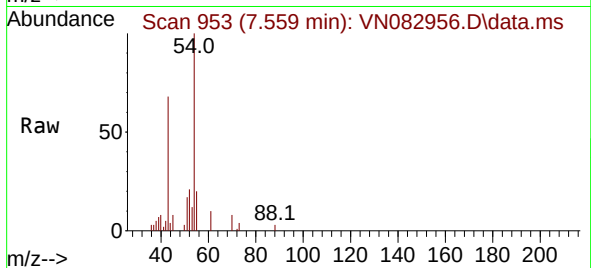
Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01



Tgt Ion: 43 Resp: 26689

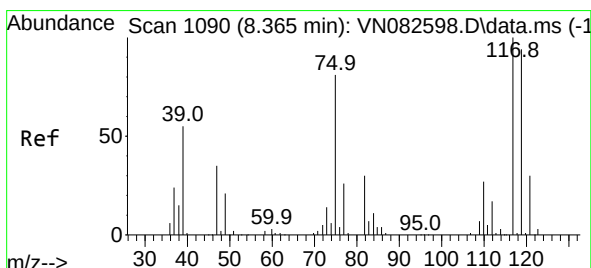
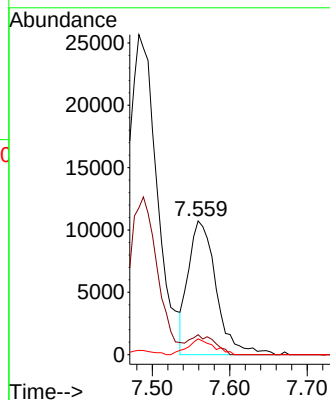
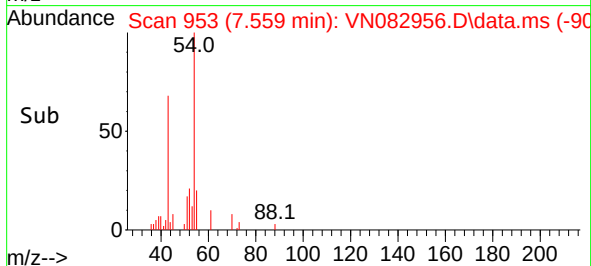
Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.3	13.9
70	10.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#38

Carbon Tetrachloride

Concen: 16.836 ug/l

RT: 8.365 min Scan# 1090

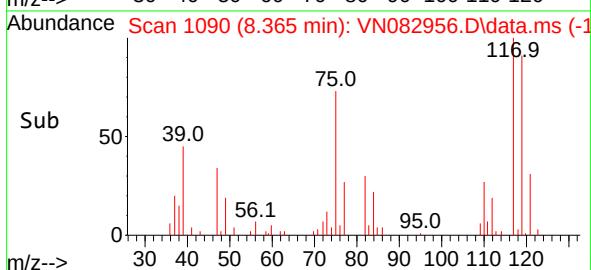
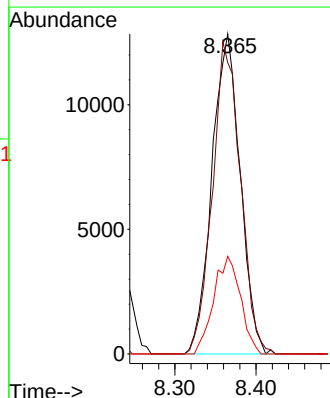
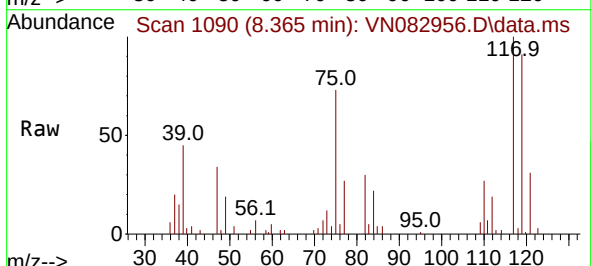
Delta R.T. 0.000 min

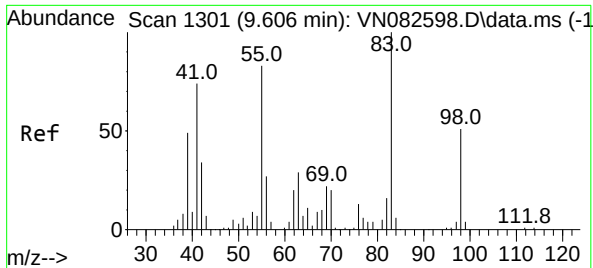
Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Tgt Ion:117 Resp: 31094

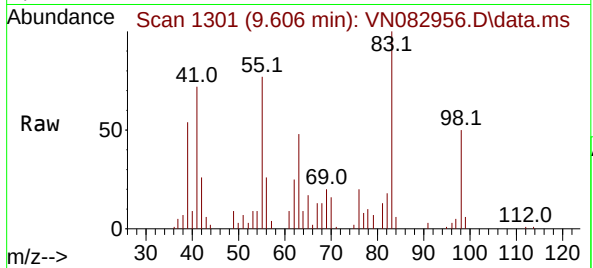
Ion	Ratio	Lower	Upper
117	100		
119	91.1	74.9	112.3
121	30.5	24.3	36.5





#39
Methylcyclohexane
Concen: 15.561 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

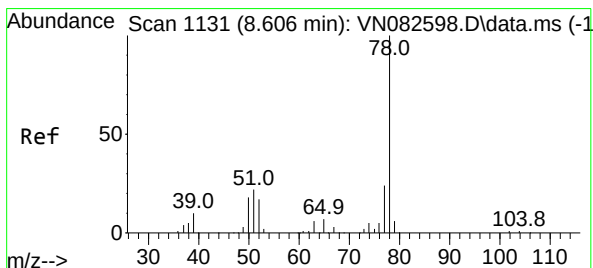
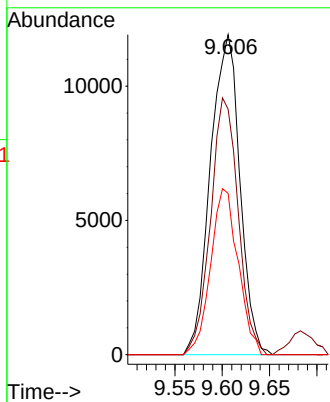
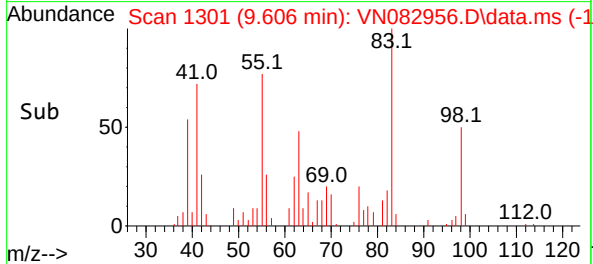
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 83 Resp: 2578
Ion Ratio Lower Upper
83 100
55 76.7 66.4 99.6
98 50.4 40.7 61.1

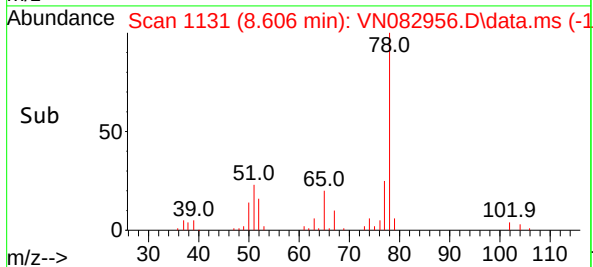
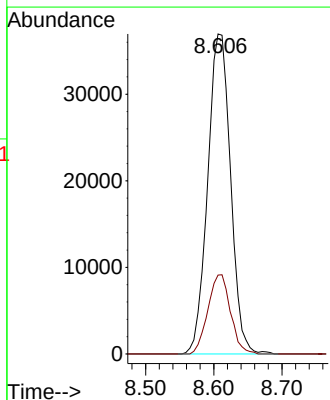
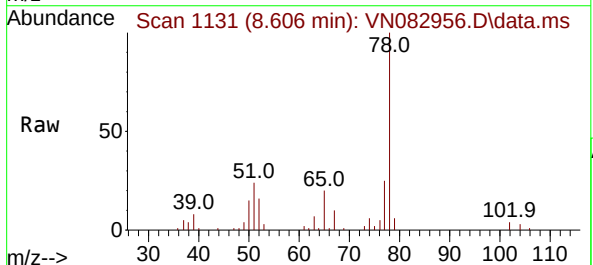
Manual Integrations
APPROVED

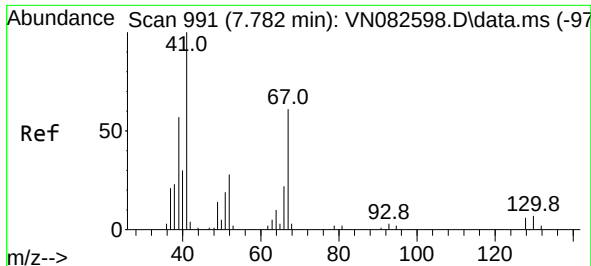
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#40
Benzene
Concen: 18.296 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

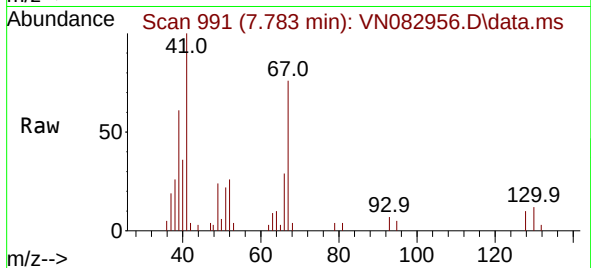
Tgt Ion: 78 Resp: 86326
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4





#41
Methacrylonitrile
Concen: 18.222 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

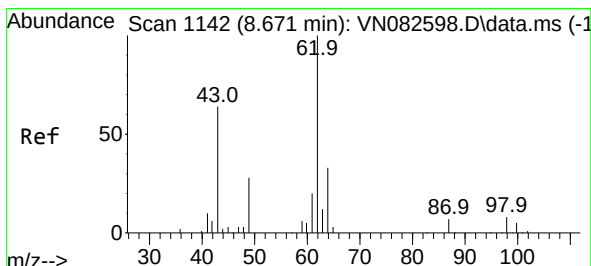
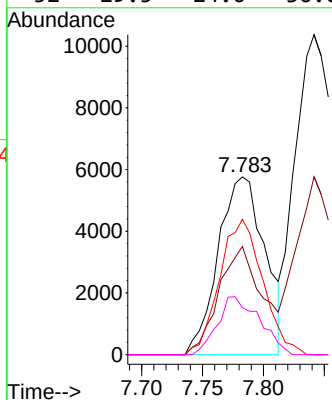
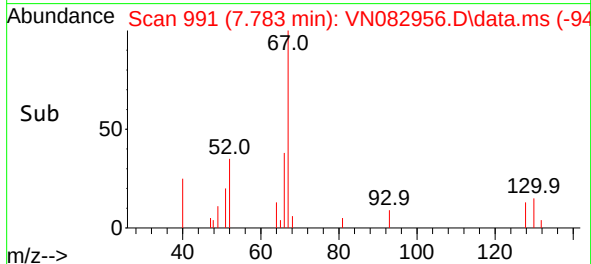
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 41 Resp: 1533
Ion Ratio Lower Upper
41 100
39 56.6 45.5 68.3
67 70.5 50.5 75.7
52 29.5 24.0 36.0

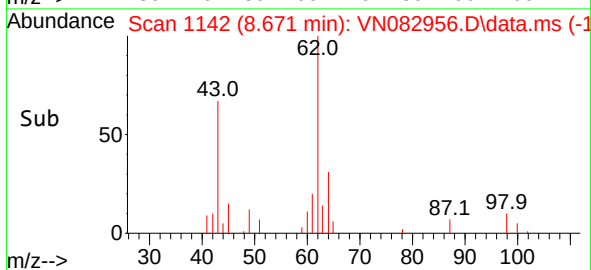
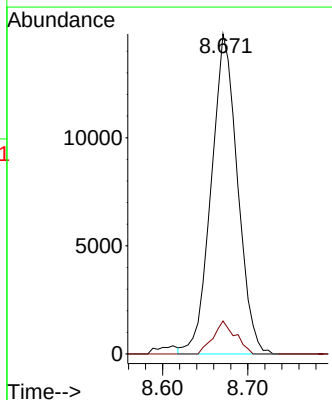
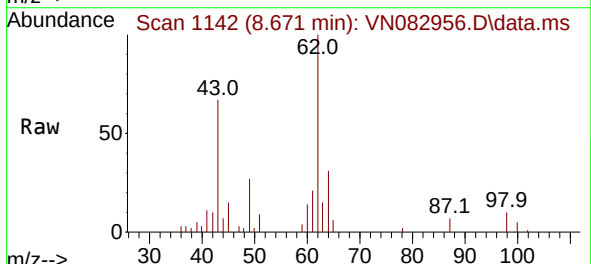
Manual Integrations
APPROVED

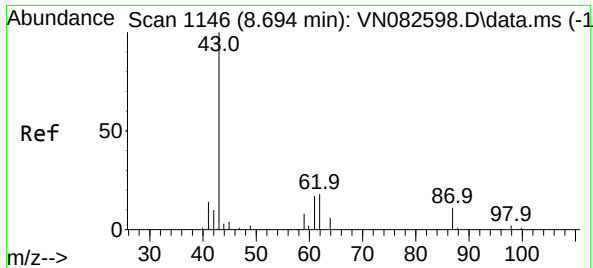
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#42
1,2-Dichloroethane
Concen: 18.690 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

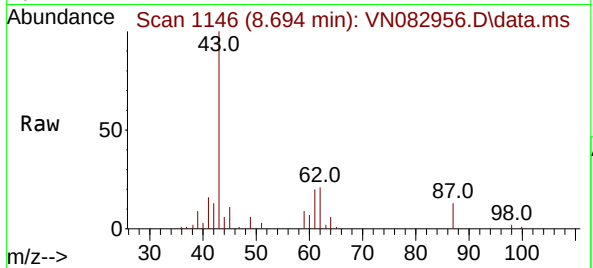
Tgt Ion: 62 Resp: 31747
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.743 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

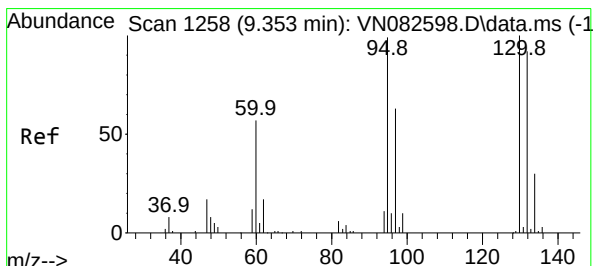
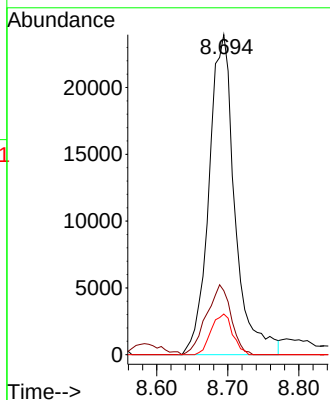
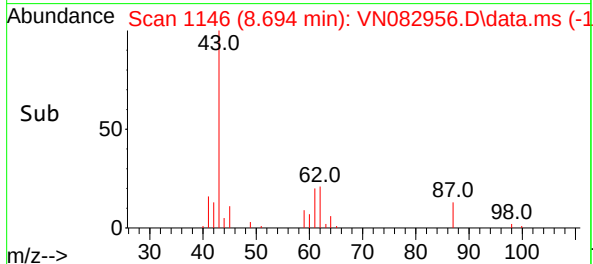
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



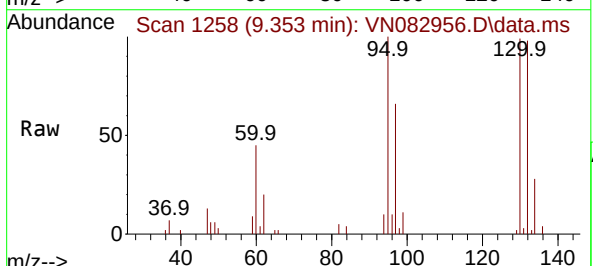
Tgt Ion: 43 Resp: 60654
Ion Ratio Lower Upper
43 100
61 20.7 17.8 26.6
87 10.5 8.2 12.2

Manual Integrations
APPROVED

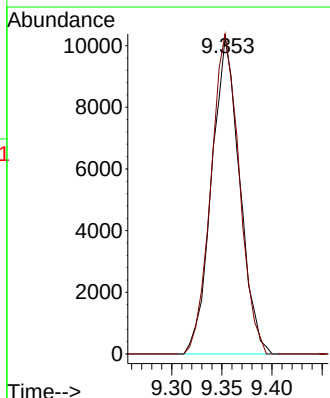
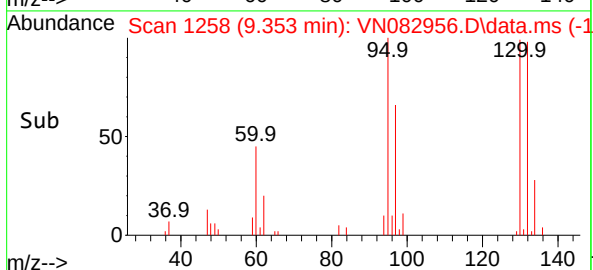
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

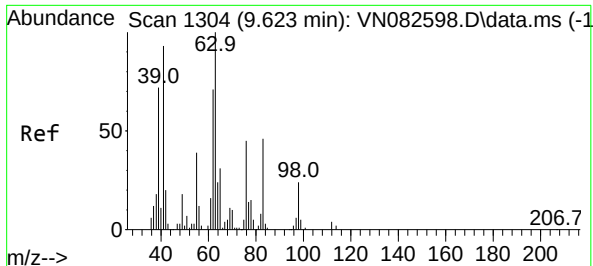


#44
Trichloroethene
Concen: 16.514 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



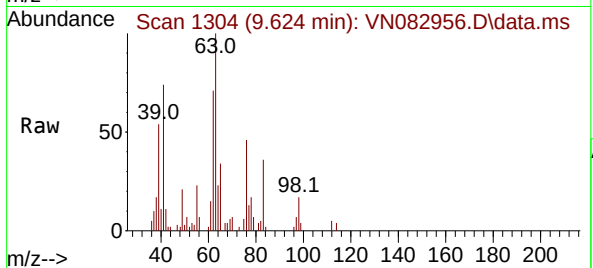
Tgt Ion:130 Resp: 19963
Ion Ratio Lower Upper
130 100
95 101.1 0.0 197.8





#45
1,2-Dichloropropane
Concen: 20.533 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

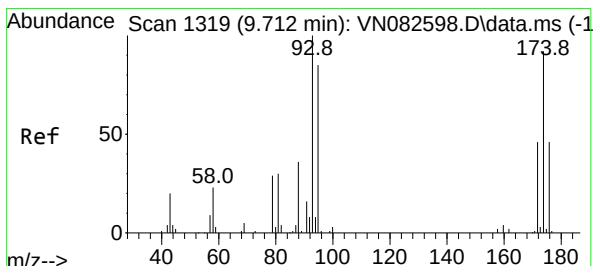
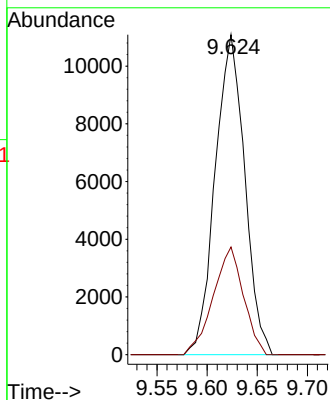
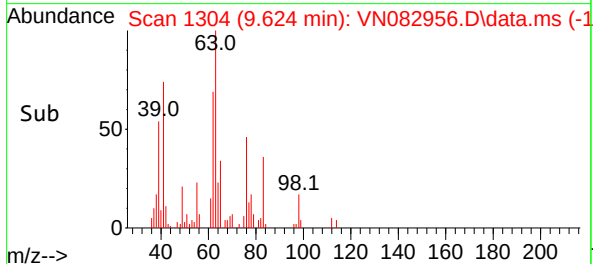
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



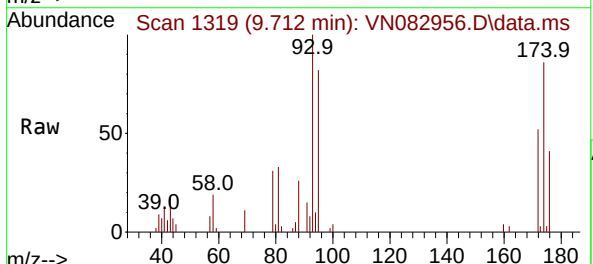
Tgt Ion: 63 Resp: 22618
Ion Ratio Lower Upper
63 100
65 33.7 24.4 36.6

Manual Integrations
APPROVED

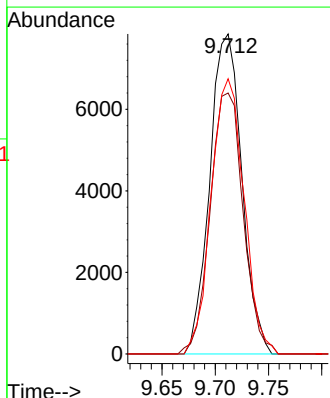
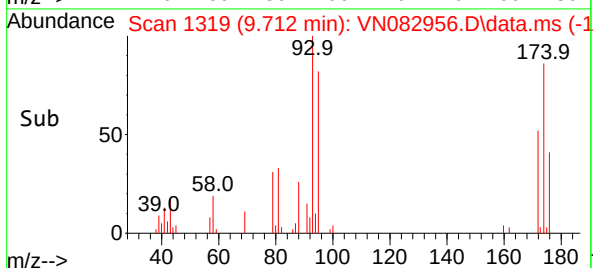
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

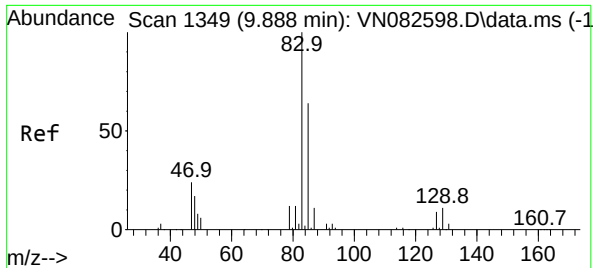


#46
Dibromomethane
Concen: 19.153 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion: 93 Resp: 16437
Ion Ratio Lower Upper
93 100
95 83.9 65.8 98.6
174 87.9 71.7 107.5





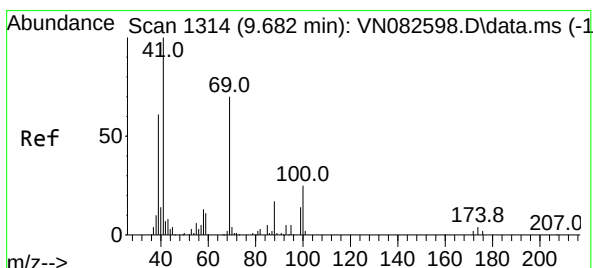
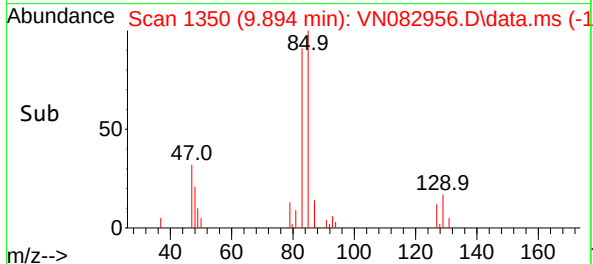
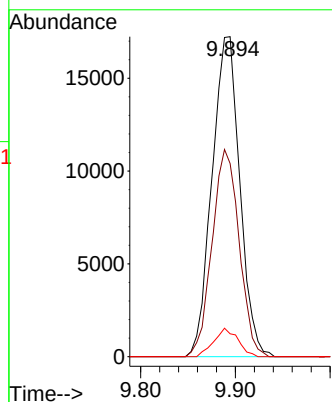
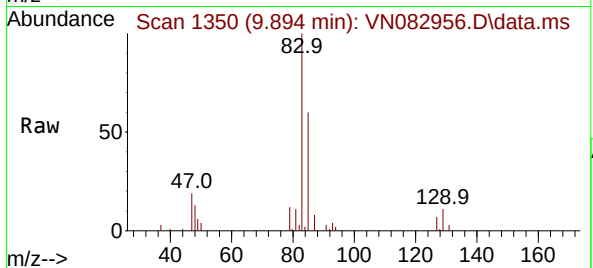
#47
Bromodichloromethane
Concen: 19.818 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion: 83 Resp: 3514
Ion Ratio Lower Upper
83 100
85 60.4 51.1 76.7
127 7.2 7.2 10.8

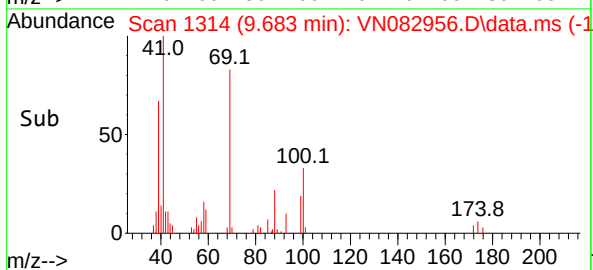
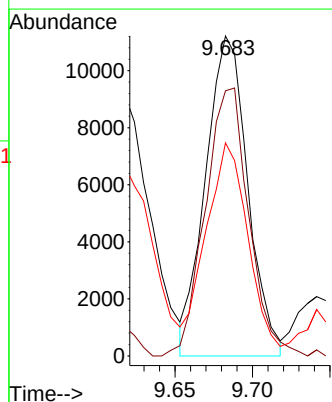
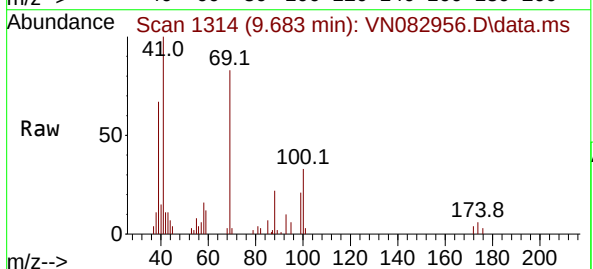
Manual Integrations
APPROVED

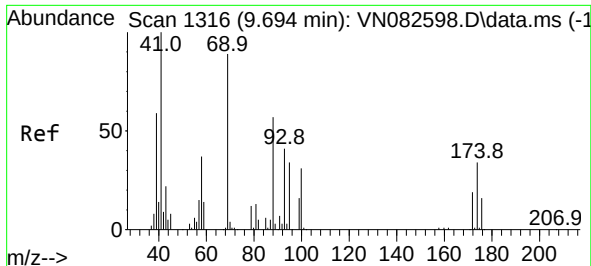
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#48
Methyl methacrylate
Concen: 17.313 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion: 41 Resp: 21200
Ion Ratio Lower Upper
41 100
69 86.6 56.3 84.5
39 67.1 50.3 75.5





#49

1,4-Dioxane

Concen: 353.011 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 88 Resp: 9539

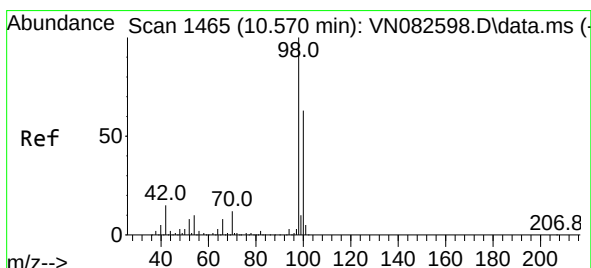
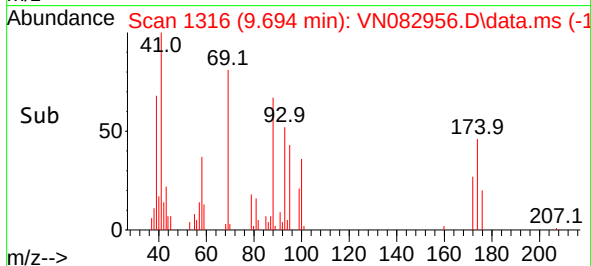
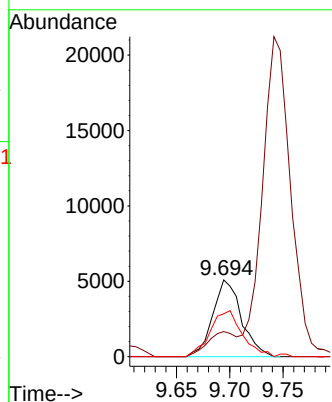
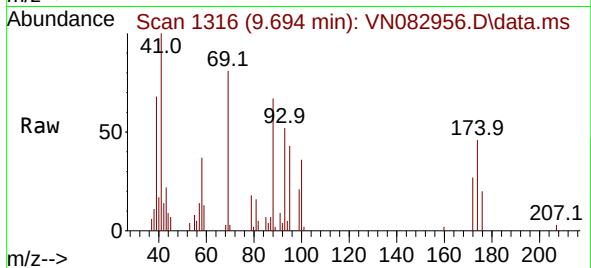
Ion	Ratio	Lower	Upper
88	100		
43	31.9	27.8	41.8
58	67.7	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#50

Toluene-d8

Concen: 55.419 ug/l

RT: 10.571 min Scan# 1465

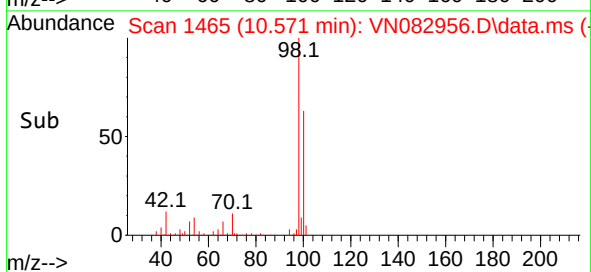
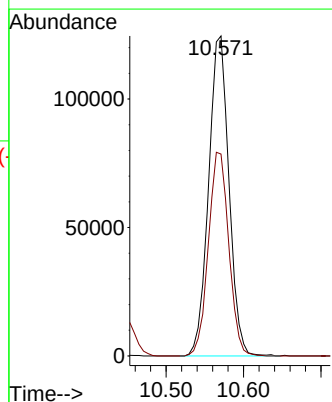
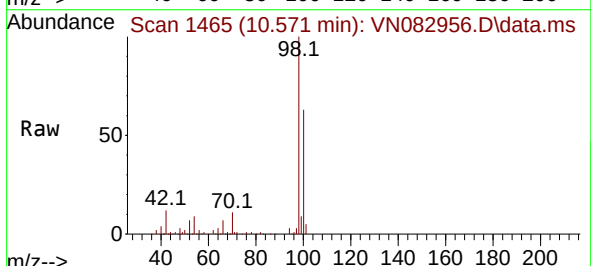
Delta R.T. 0.001 min

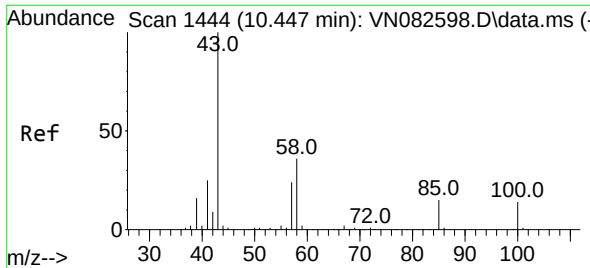
Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Tgt Ion: 98 Resp: 227727

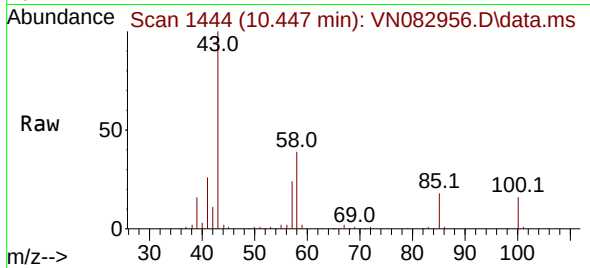
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 99.575 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

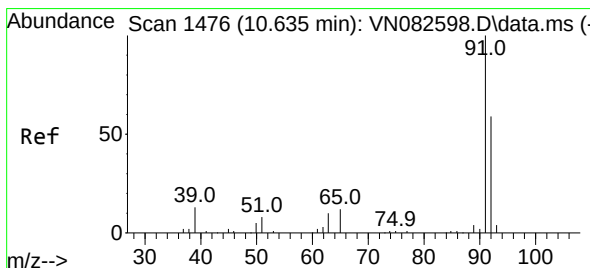
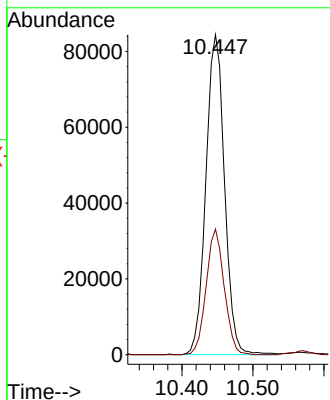
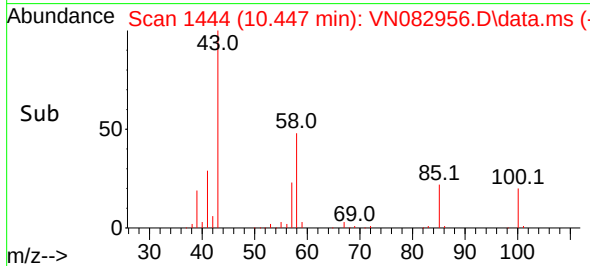
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 43 Resp: 154164
Ion Ratio Lower Upper
43 100
58 38.0 28.2 42.4

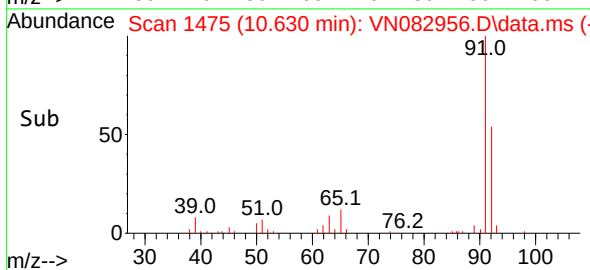
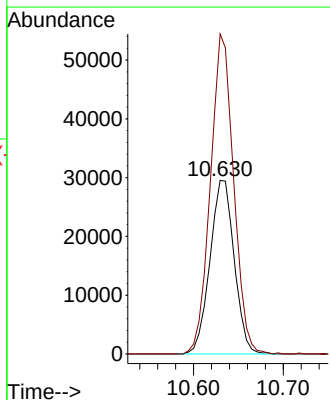
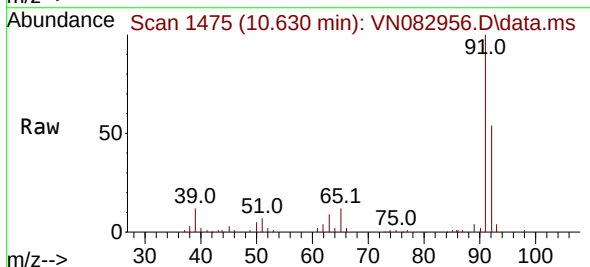
Manual Integrations
APPROVED

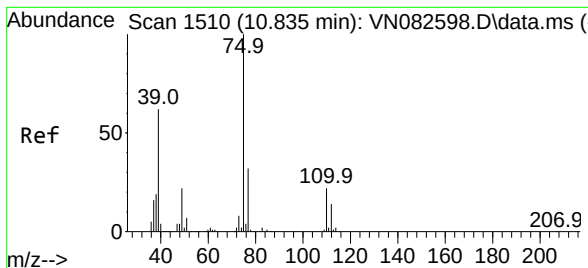
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#52
Toluene
Concen: 18.807 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

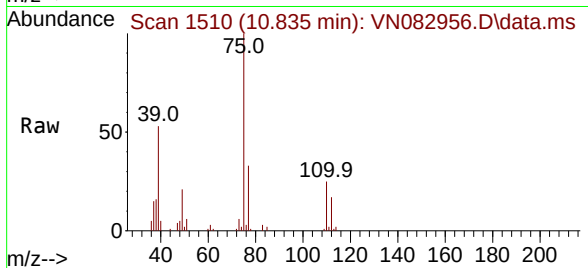
Tgt Ion: 92 Resp: 55434
Ion Ratio Lower Upper
92 100
91 176.5 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 18.226 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

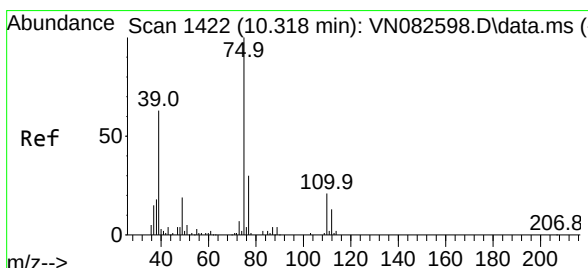
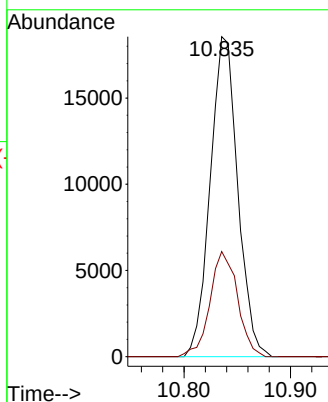
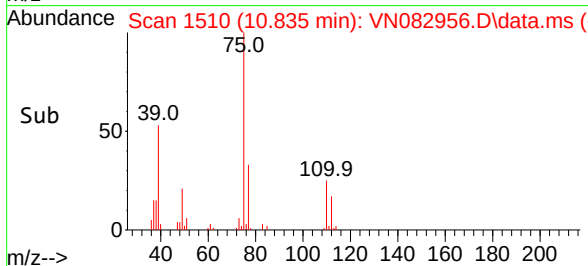
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



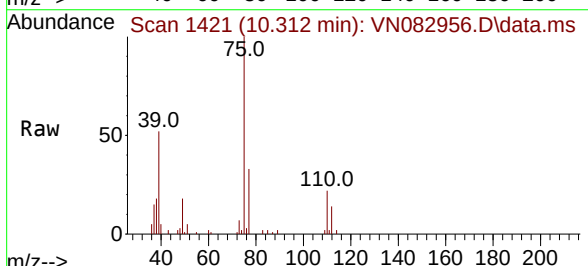
Tgt Ion: 75 Resp: 3329
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5

Manual Integrations
APPROVED

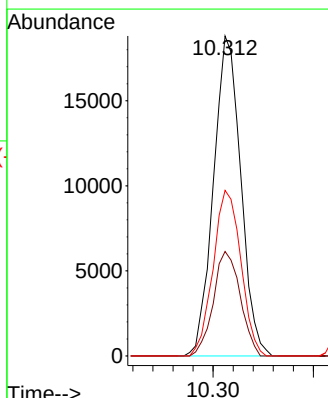
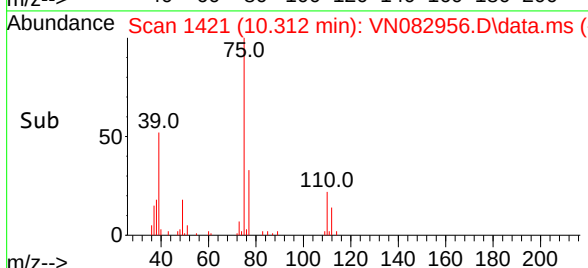
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

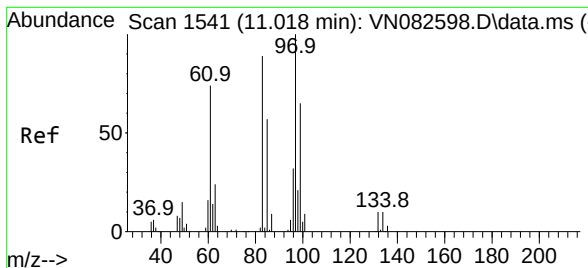


#54
cis-1,3-Dichloropropene
Concen: 18.334 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



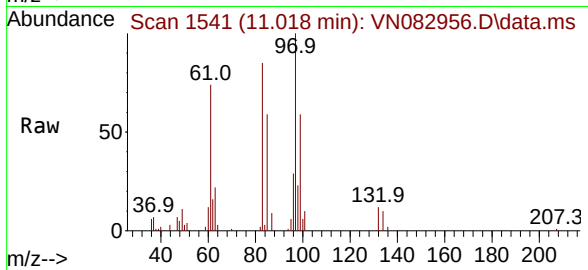
Tgt Ion: 75 Resp: 35450
Ion Ratio Lower Upper
75 100
77 32.6 24.3 36.5
39 51.7 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 21.744 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

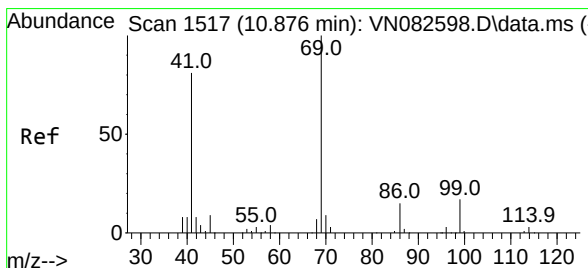
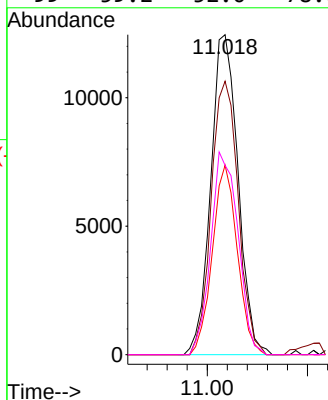
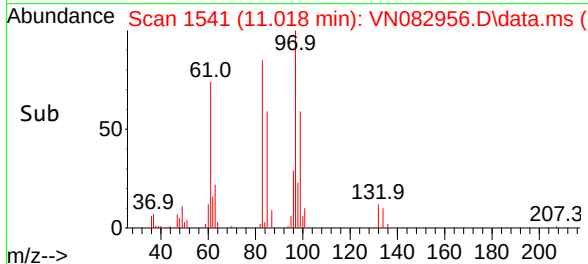
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



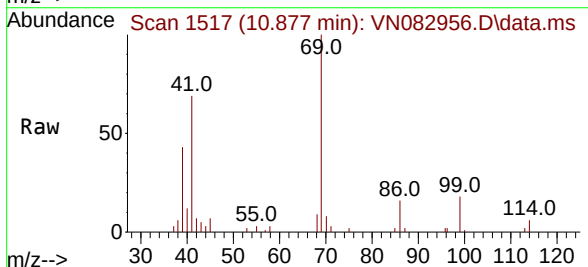
Tgt Ion:	97	Resp:	2356
Ion Ratio	Lower	Upper	
97	100		
83	85.5	71.4	107.0
85	59.2	45.8	68.6
99	59.2	52.0	78.0

Manual Integrations
APPROVED

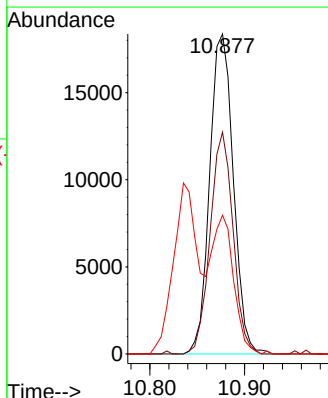
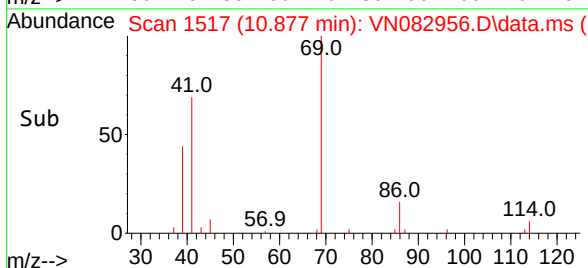
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

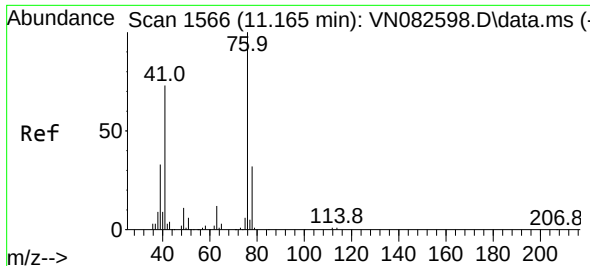


#56
Ethyl methacrylate
Concen: 18.910 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion:	69	Resp:	31886
Ion Ratio	Lower	Upper	
69	100		
41	67.2	63.4	95.2
39	39.9	37.4	56.0





#57

1,3-Dichloropropane

Concen: 21.628 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion: 76 Resp: 41494

Ion Ratio Lower Upper

76 100

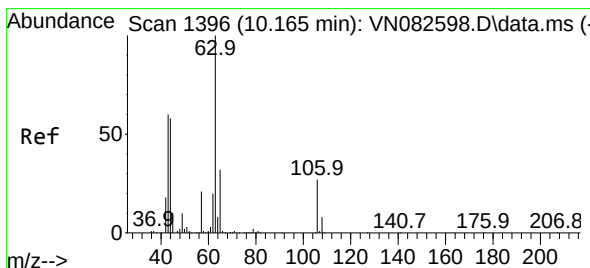
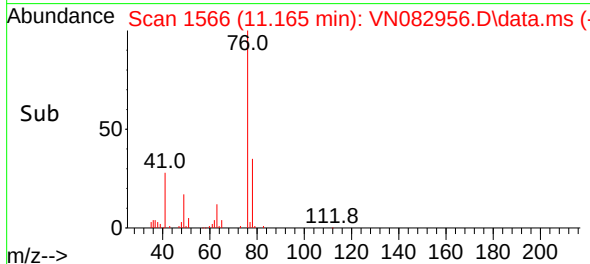
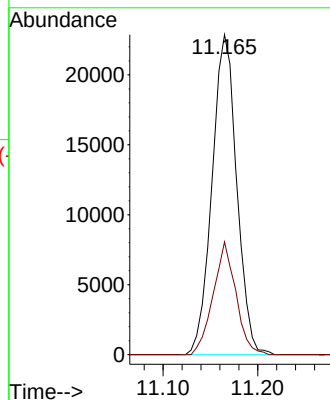
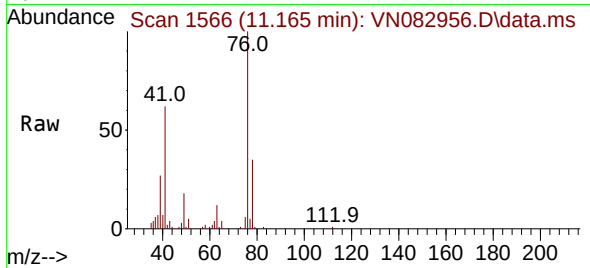
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 111.148 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082956.D

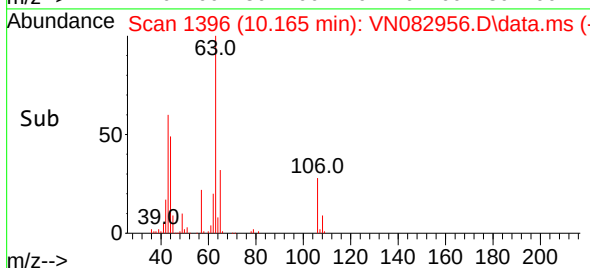
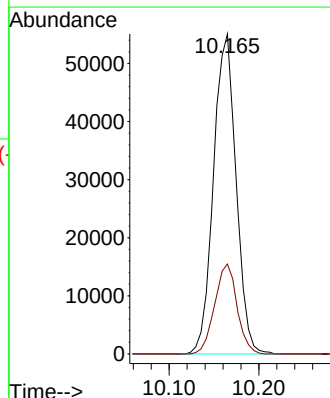
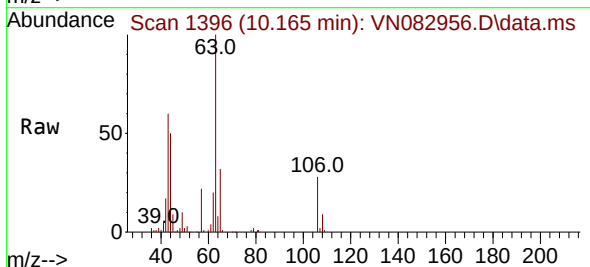
Acq: 17 Jul 2024 12:21

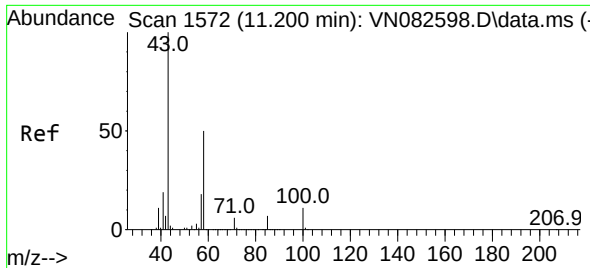
Tgt Ion: 63 Resp: 96171

Ion Ratio Lower Upper

63 100

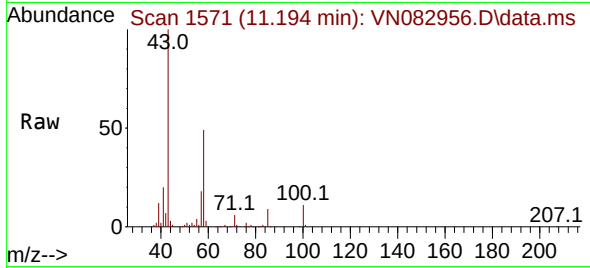
106 27.8 21.4 32.0





#59
2-Hexanone
Concen: 110.231 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

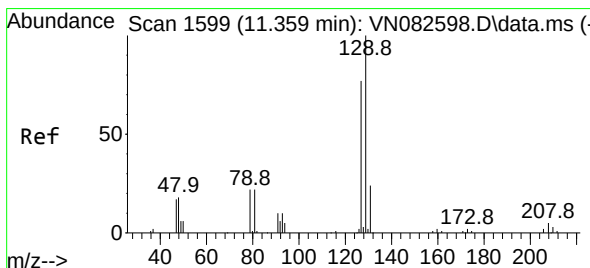
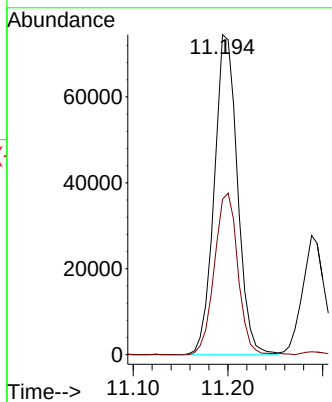
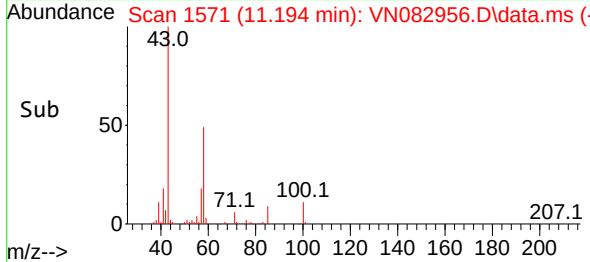
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 43 Resp: 126884
Ion Ratio Lower Upper
43 100
58 51.1 24.6 73.8

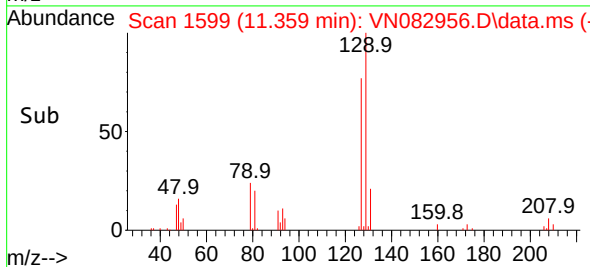
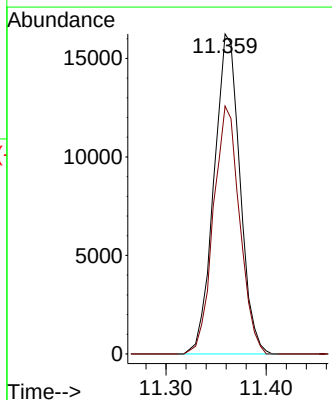
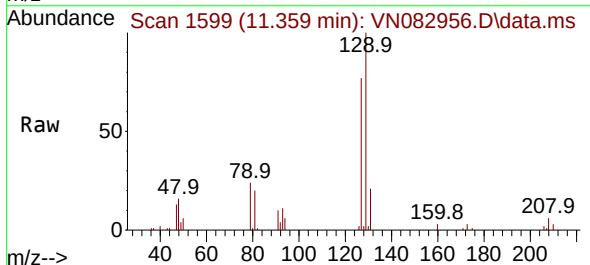
Manual Integrations
APPROVED

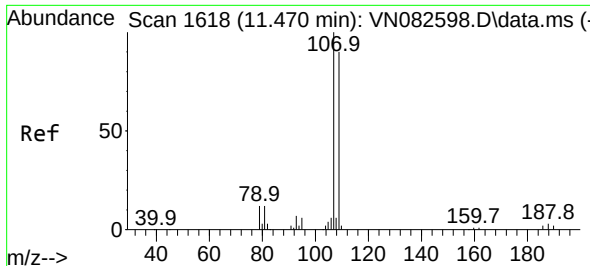
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#60
Dibromochloromethane
Concen: 21.120 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

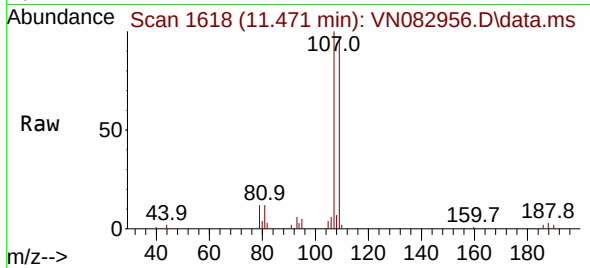
Tgt Ion:129 Resp: 29155
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 21.860 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

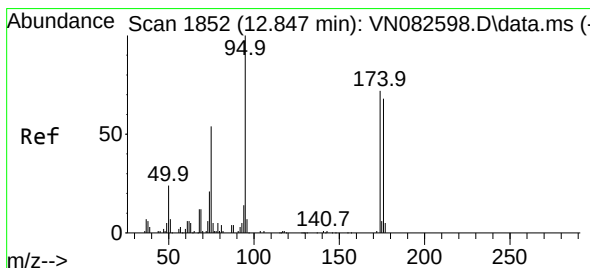
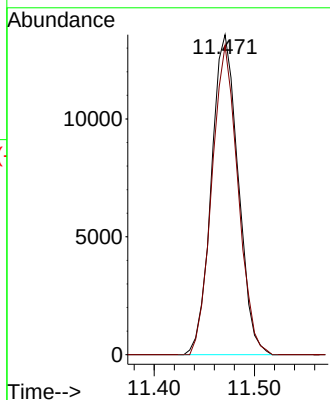
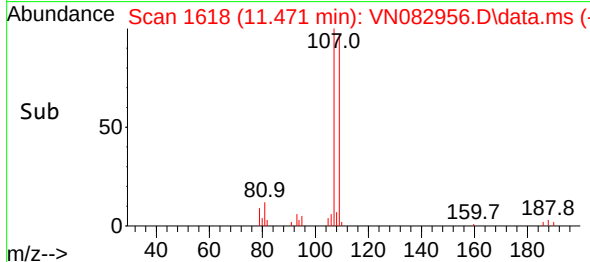
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



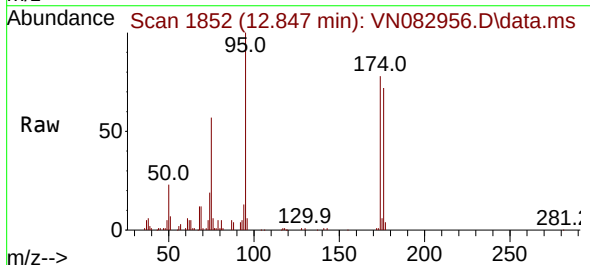
Tgt Ion:107 Resp: 2516
Ion Ratio Lower Upper
107 100
109 94.5 73.7 110.5

Manual Integrations
APPROVED

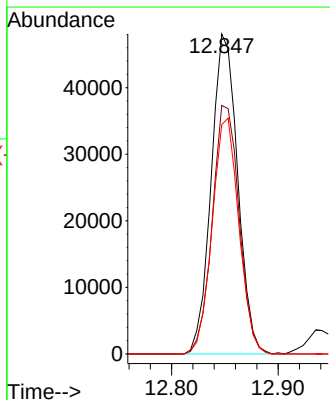
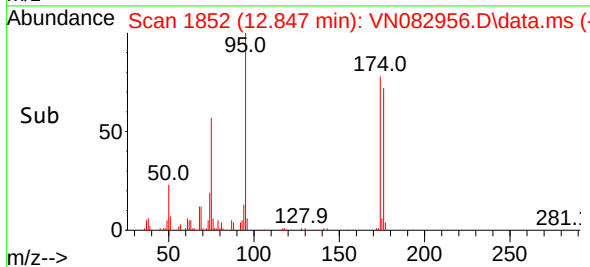
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

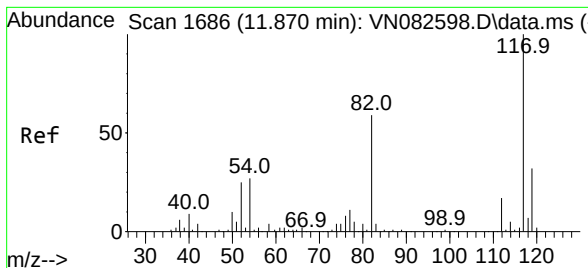


#62
4-Bromofluorobenzene
Concen: 56.118 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion: 95 Resp: 82833
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 74.3 0.0 147.6





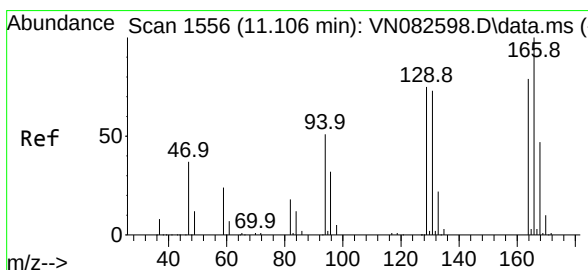
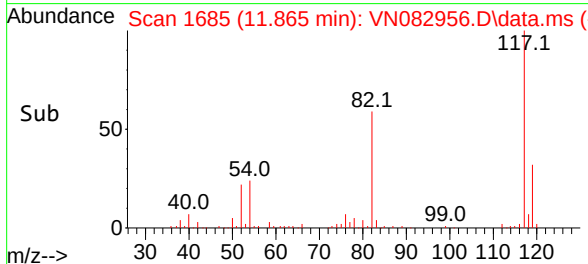
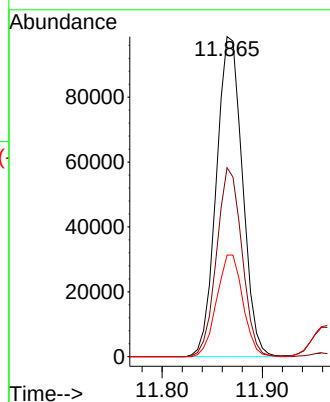
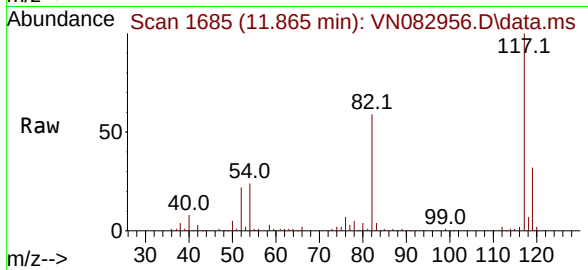
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:117 Resp: 17855
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 31.7 25.6 38.4

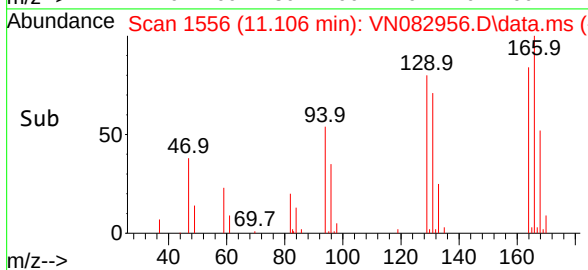
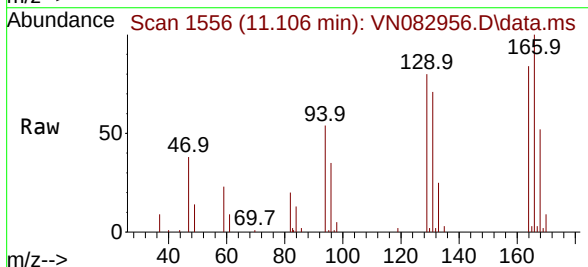
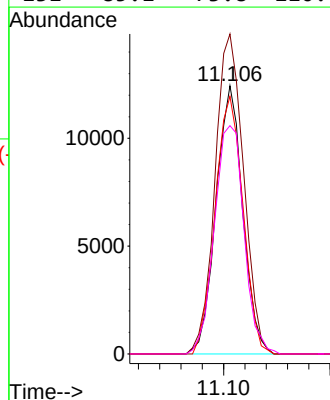
Manual Integrations
APPROVED

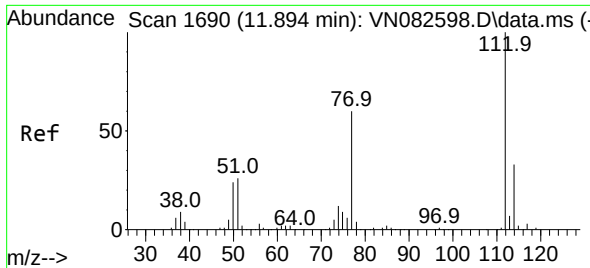
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#64
Tetrachloroethene
Concen: 16.271 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion:164 Resp: 21675
Ion Ratio Lower Upper
164 100
166 119.3 101.4 152.0
129 96.1 75.7 113.5
131 85.1 73.8 110.6





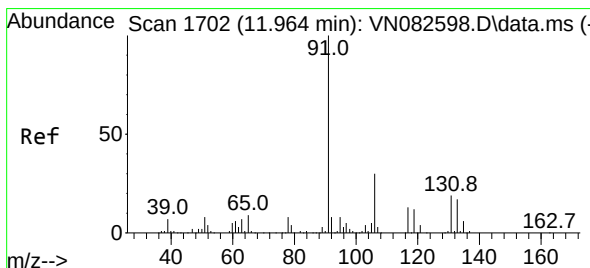
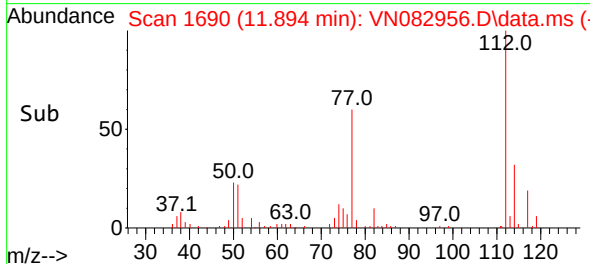
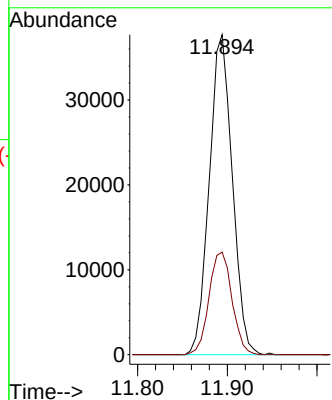
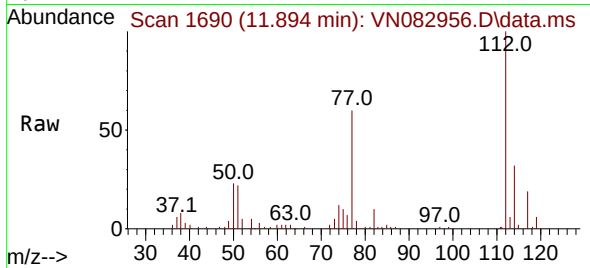
#65
Chlorobenzene
Concen: 17.568 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:112 Resp: 67210
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

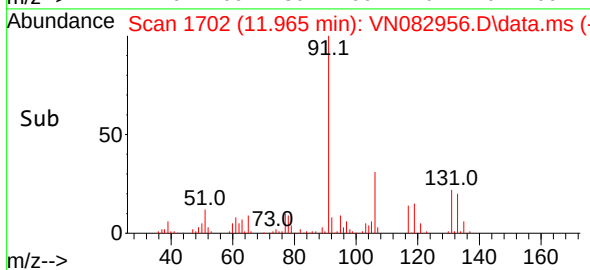
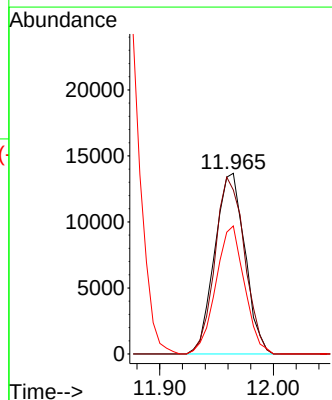
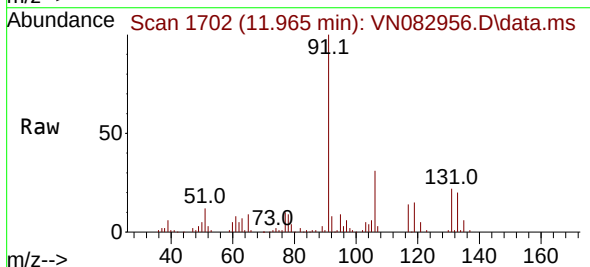
Manual Integrations
APPROVED

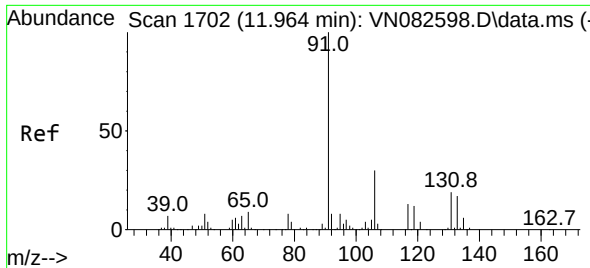
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.589 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

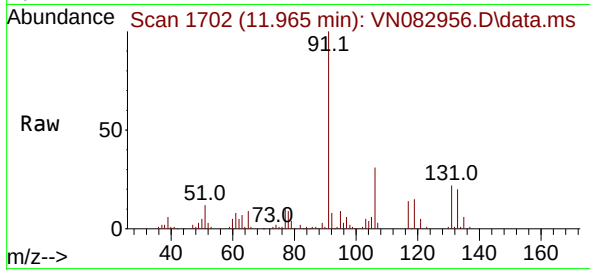
Tgt Ion:131 Resp: 25298
Ion Ratio Lower Upper
131 100
133 96.2 47.3 142.0
119 67.1 32.5 97.4





#67
Ethyl Benzene
Concen: 16.365 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

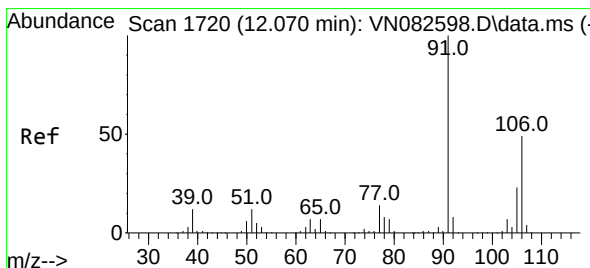
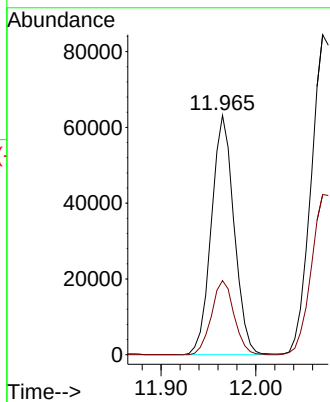
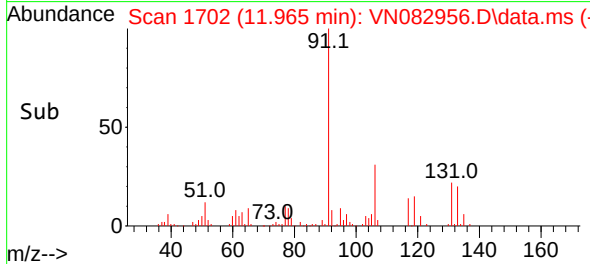
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



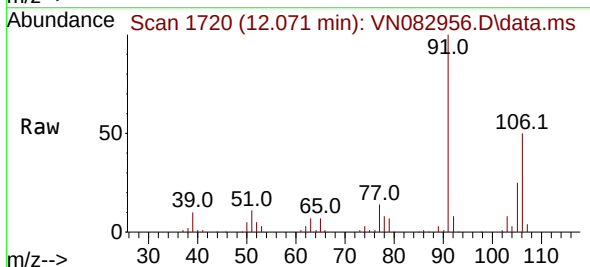
Tgt Ion: 91 Resp: 10523
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0

Manual Integrations
APPROVED

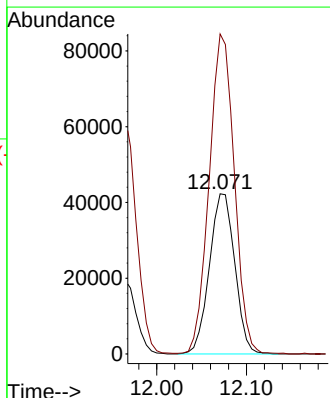
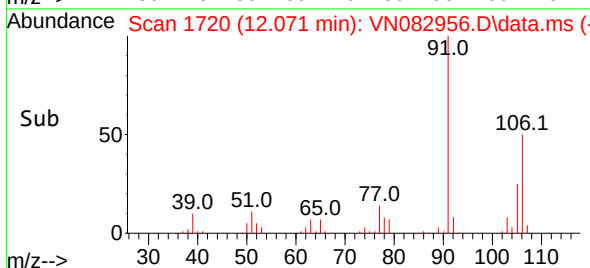
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

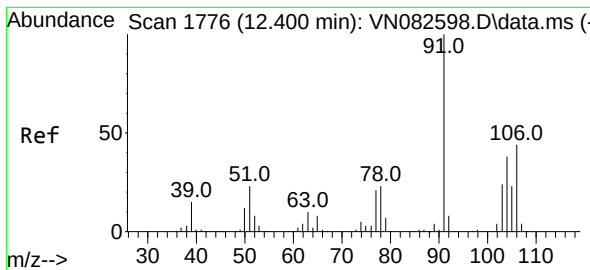


#68
m/p-Xylenes
Concen: 34.154 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



Tgt Ion:106 Resp: 82918
Ion Ratio Lower Upper
106 100
91 198.8 166.1 249.1





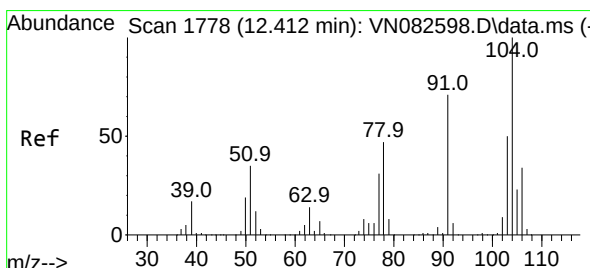
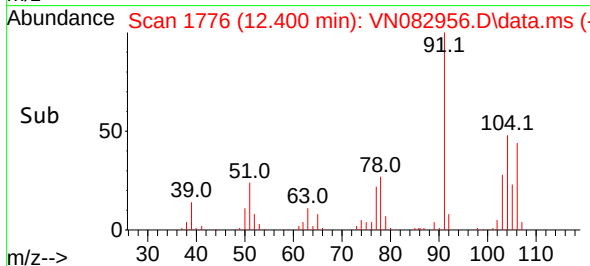
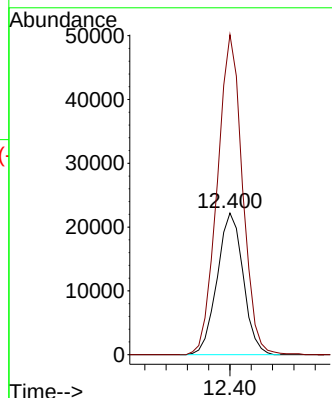
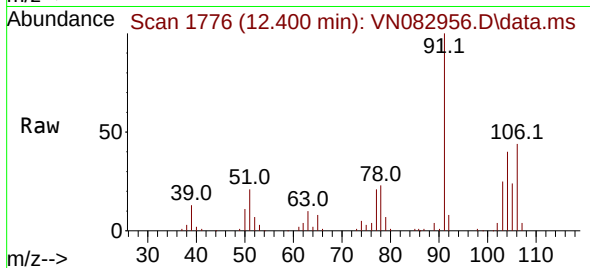
#69
o-Xylene
Concen: 16.150 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion:106 Resp: 37570
Ion Ratio Lower Upper
106 100
91 219.2 111.3 333.9

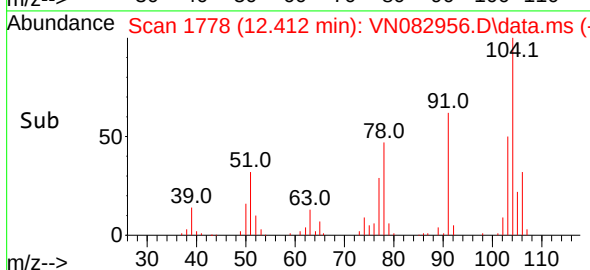
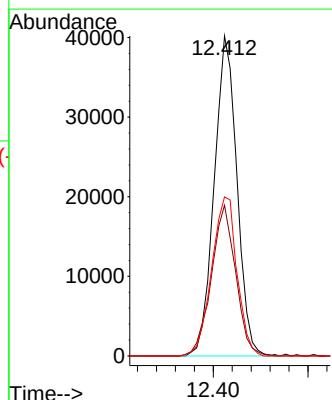
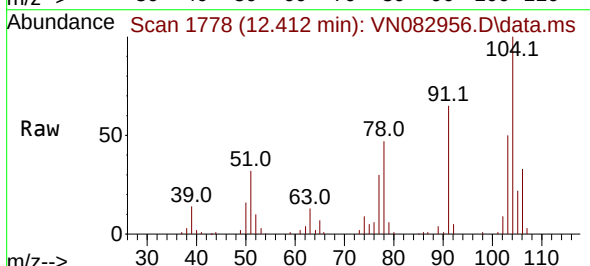
Manual Integrations
APPROVED

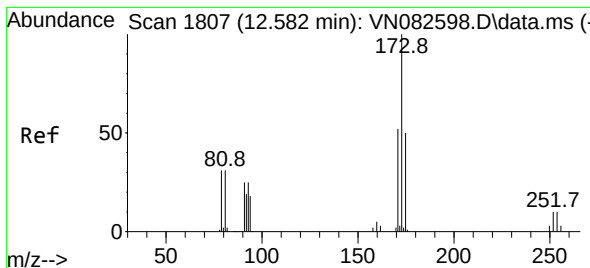
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#70
Styrene
Concen: 17.403 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion:104 Resp: 66890
Ion Ratio Lower Upper
104 100
78 50.4 41.6 62.4
103 55.3 44.0 66.0





#71

Bromoform

Concen: 18.429 ug/l

RT: 12.576 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

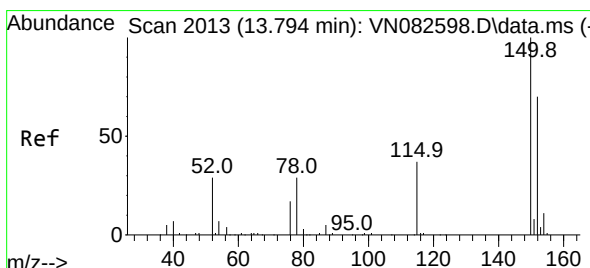
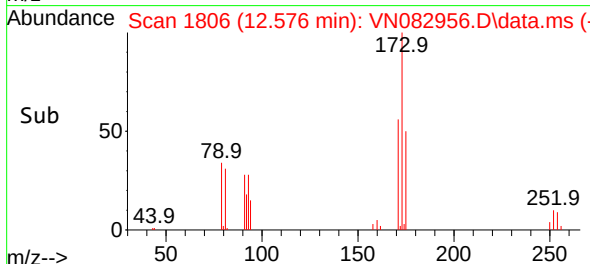
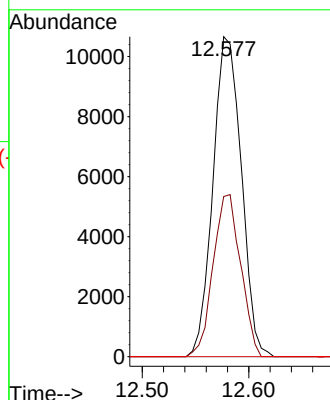
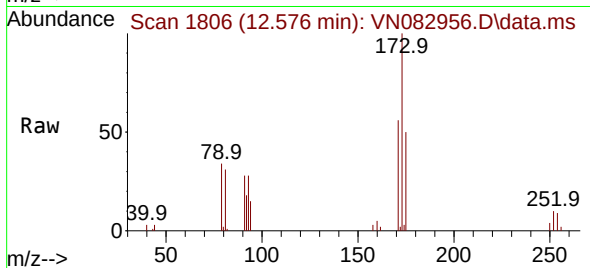
Tgt Ion:	173	Resp:	1972
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

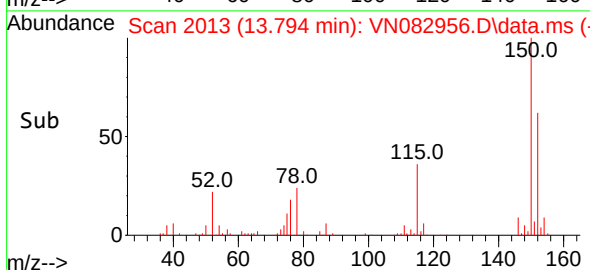
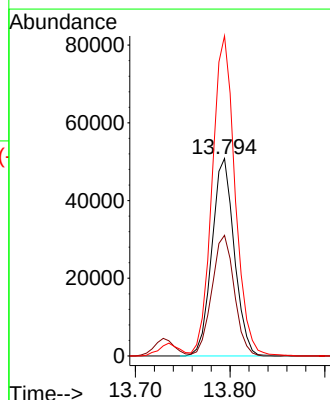
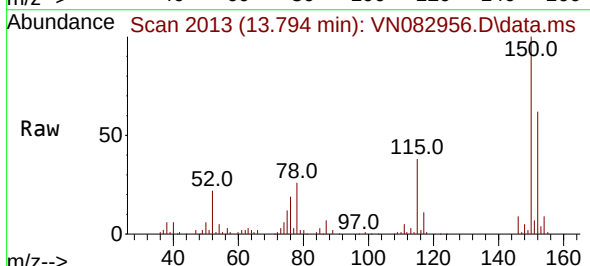
RT: 13.794 min Scan# 2013

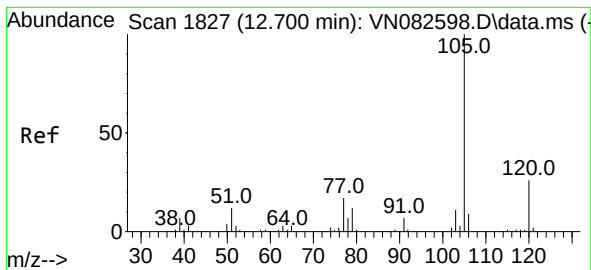
Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Tgt Ion:	152	Resp:	83323
Ion Ratio	Lower	Upper	
152	100		
115	61.2	30.6	91.6
150	165.9	0.0	348.6





#73

Isopropylbenzene

Concen: 15.777 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

Tgt Ion:105 Resp: 95520

Ion Ratio Lower Upper

105 100

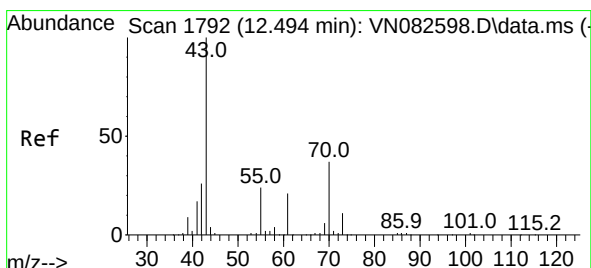
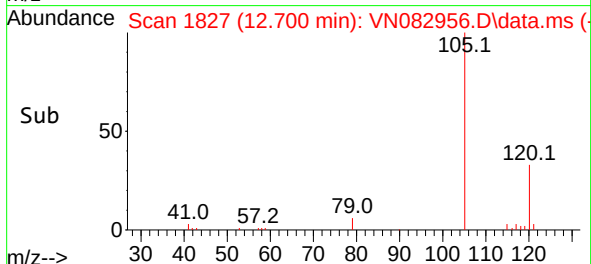
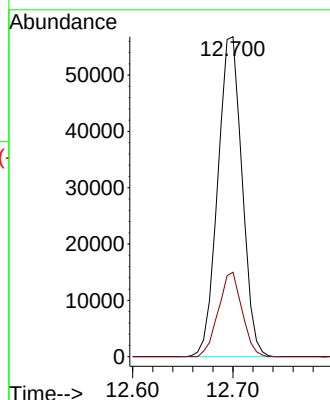
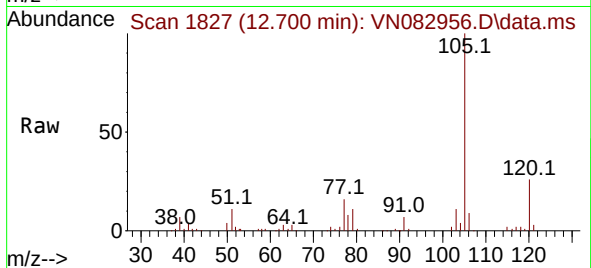
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#74

N-ethyl acetate

Concen: 17.564 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Tgt Ion: 43 Resp: 43987

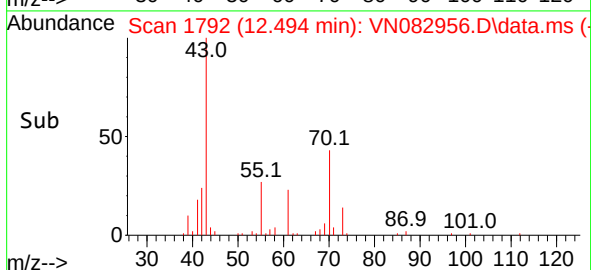
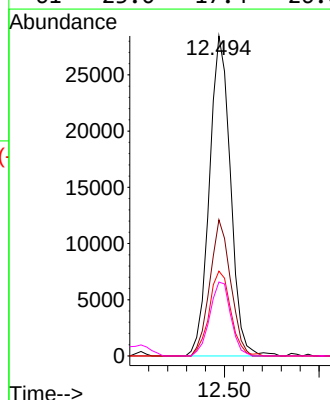
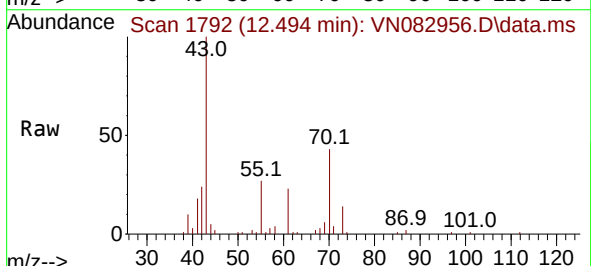
Ion Ratio Lower Upper

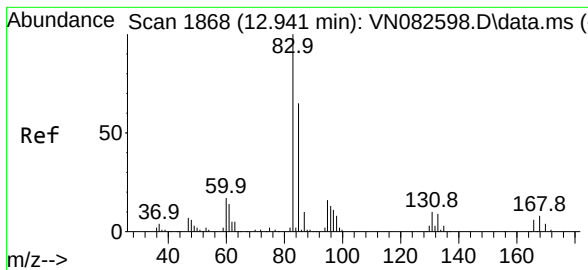
43 100

70 42.0 29.8 44.6

55 27.2 18.7 28.1

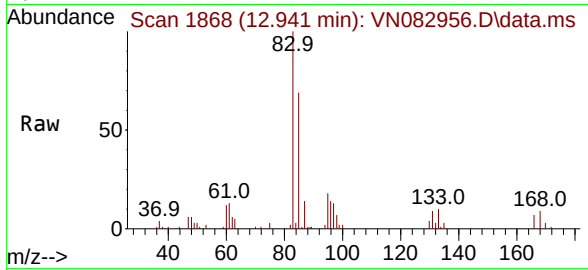
61 23.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.949 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

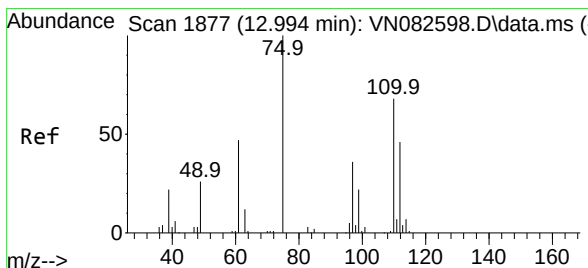
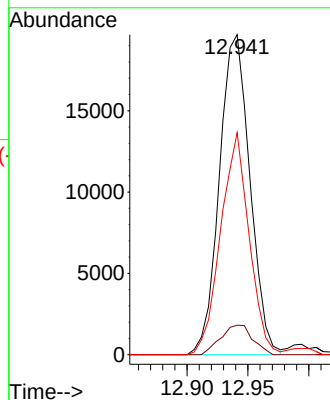
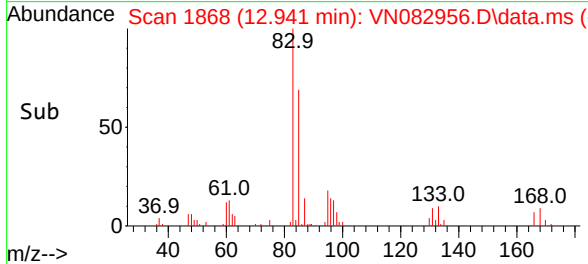
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 83 Resp: 3436
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.7 31.9 95.7

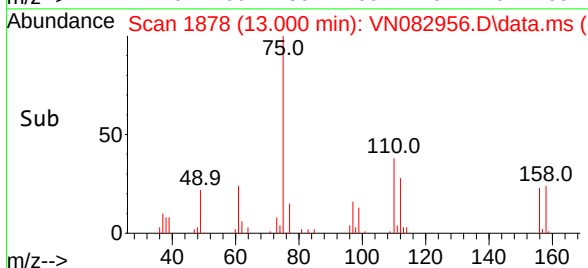
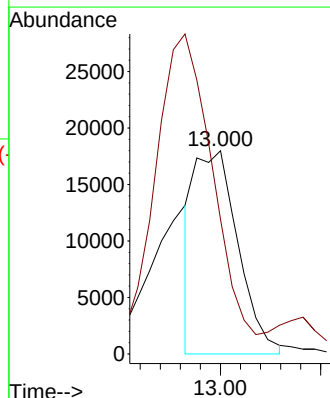
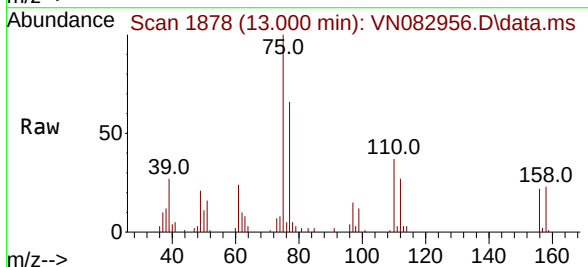
Manual Integrations
APPROVED

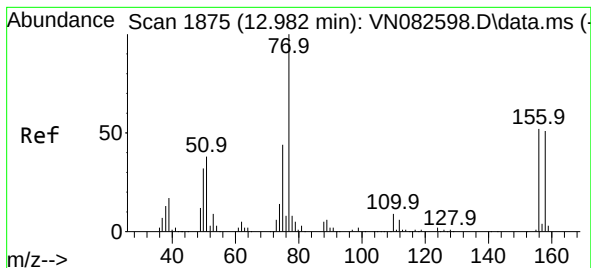
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#76
1,2,3-Trichloropropane
Concen: 18.931 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion: 75 Resp: 27195
Ion Ratio Lower Upper
75 100
77 210.6 110.9 332.6





#77

Bromobenzene

Concen: 16.925 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0717WBSD01

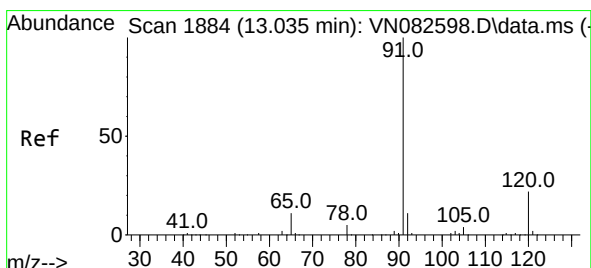
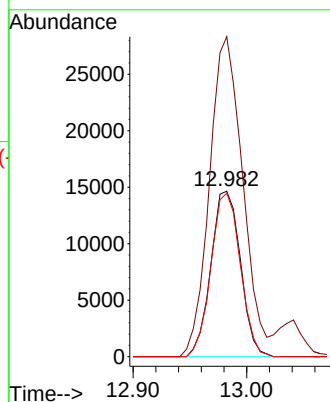
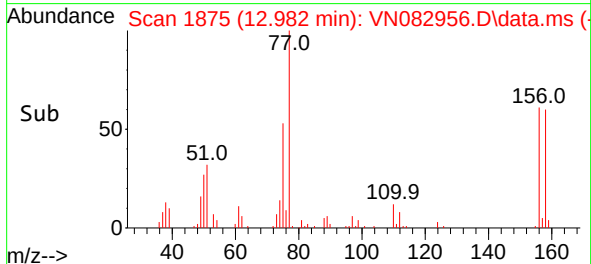
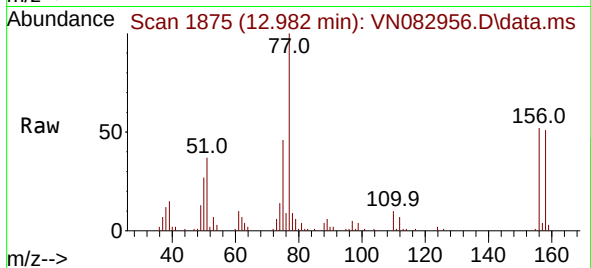
Tgt Ion:156 Resp: 26430
 Ion Ratio Lower Upper
 156 100
 77 216.6 111.3 333.8
 158 98.1 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#78

n-propylbenzene

Concen: 16.300 ug/l

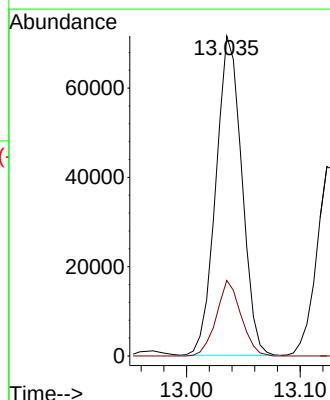
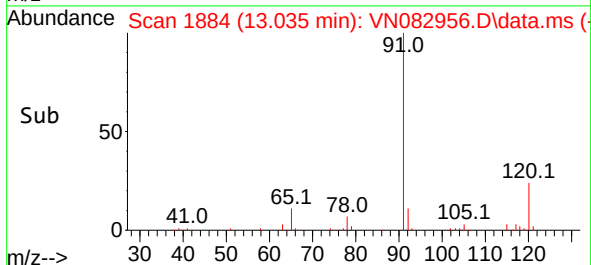
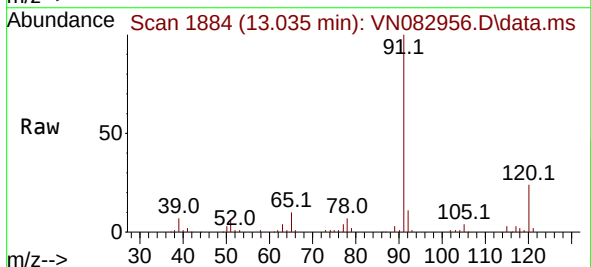
RT: 13.035 min Scan# 1884

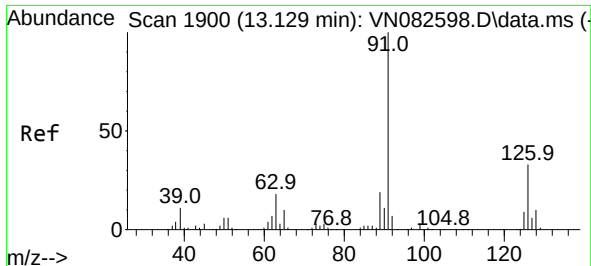
Delta R.T. 0.000 min

Lab File: VN082956.D

Acq: 17 Jul 2024 12:21

Tgt Ion: 91 Resp: 113472
 Ion Ratio Lower Upper
 91 100
 120 22.5 10.9 32.9





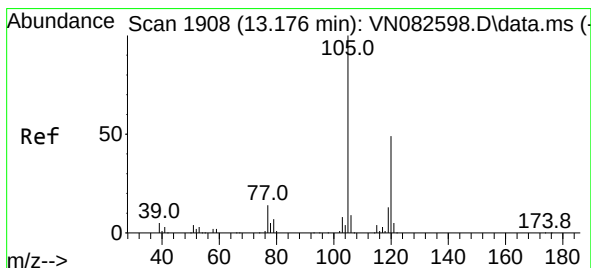
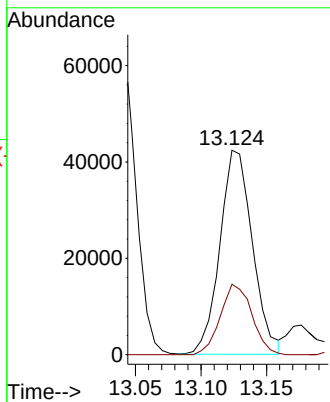
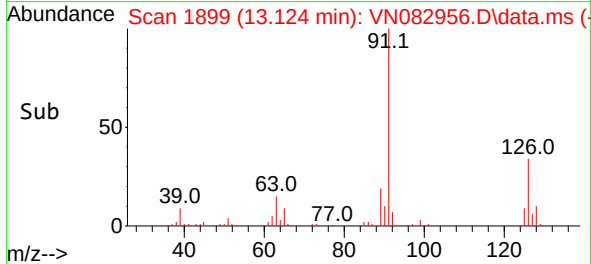
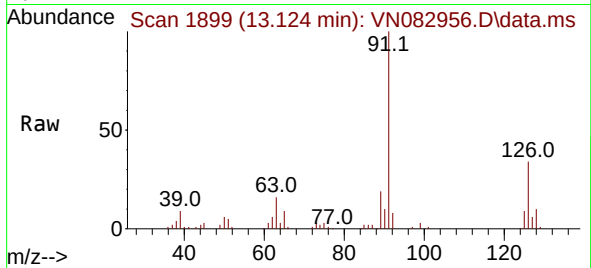
#79
2-Chlorotoluene
Concen: 16.523 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.005 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01

Tgt Ion: 91 Resp: 7328
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

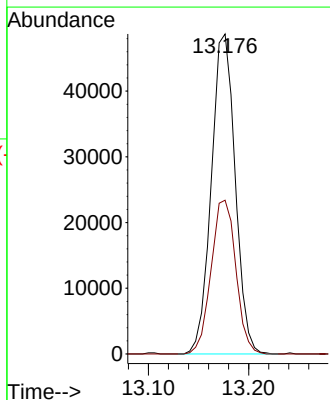
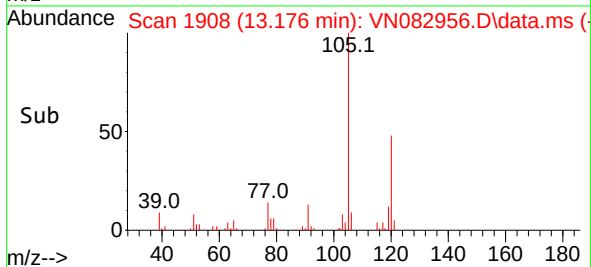
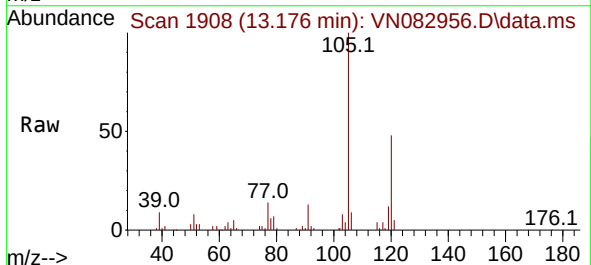
Manual Integrations
APPROVED

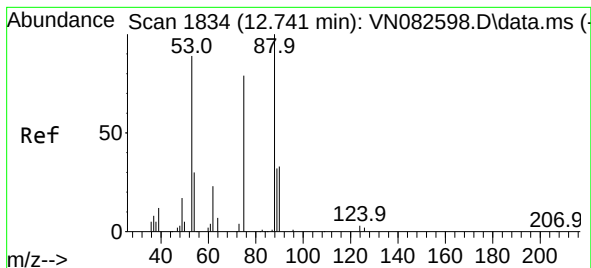
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 16.454 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

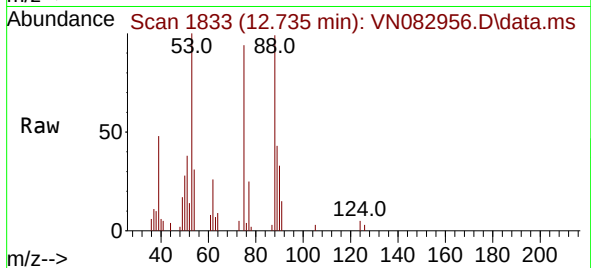
Tgt Ion:105 Resp: 80529
Ion Ratio Lower Upper
105 100
120 49.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.608 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

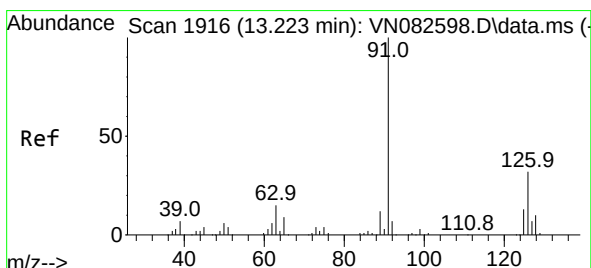
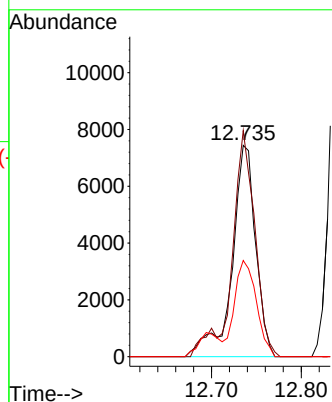
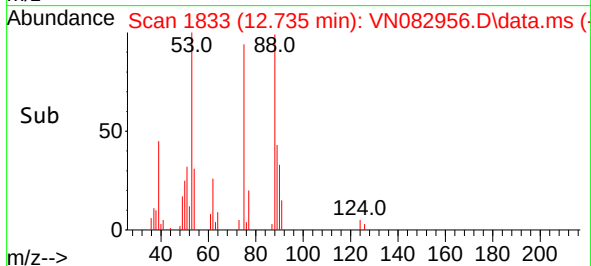
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 75 Resp: 13592
Ion Ratio Lower Upper
75 100
53 103.2 88.4 132.6
89 42.3 36.3 54.5

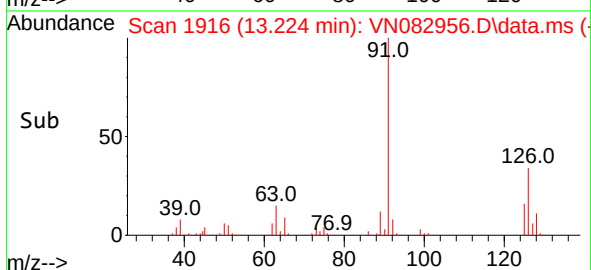
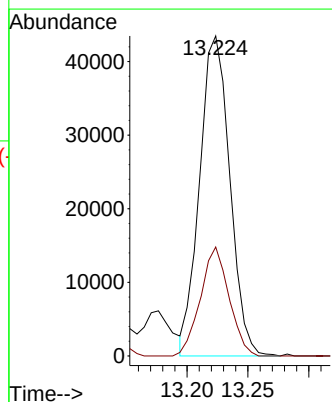
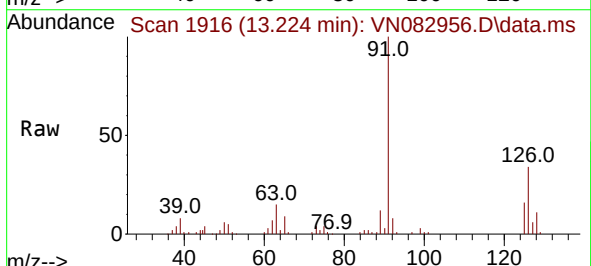
Manual Integrations
APPROVED

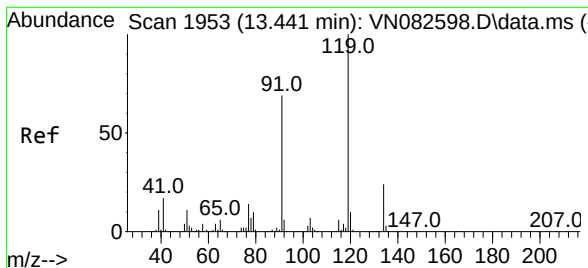
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#82
4-Chlorotoluene
Concen: 17.083 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

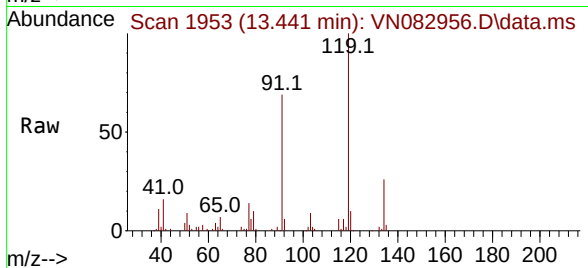
Tgt Ion: 91 Resp: 74998
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6





#83
tert-Butylbenzene
Concen: 15.076 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

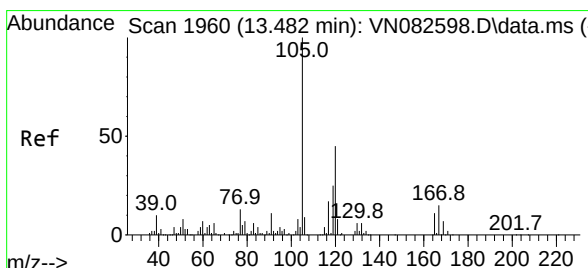
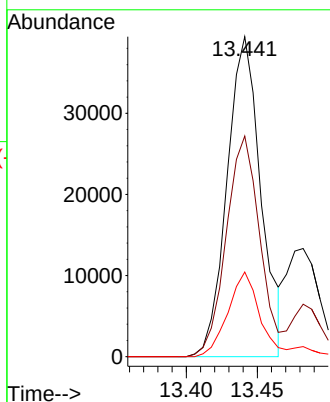
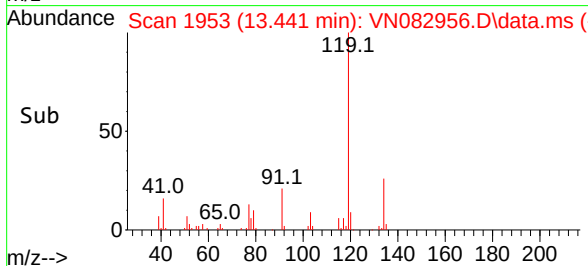
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



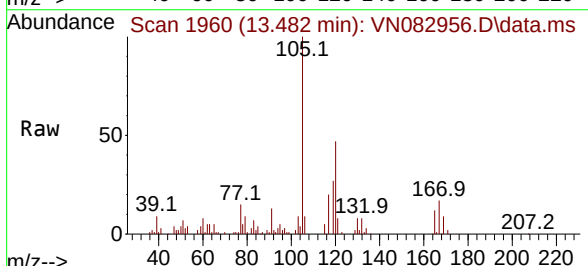
Tgt Ion:119 Resp: 6541
Ion Ratio Lower Upper
119 100
91 68.0 35.0 105.1
134 24.7 13.3 39.8

Manual Integrations
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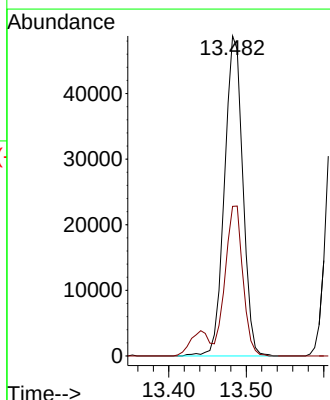
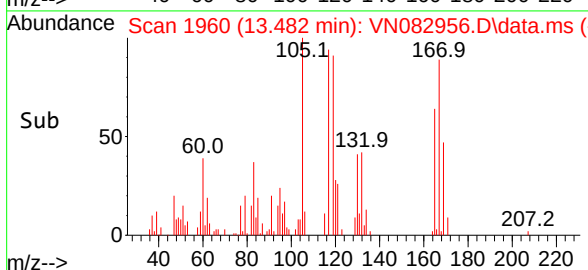
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

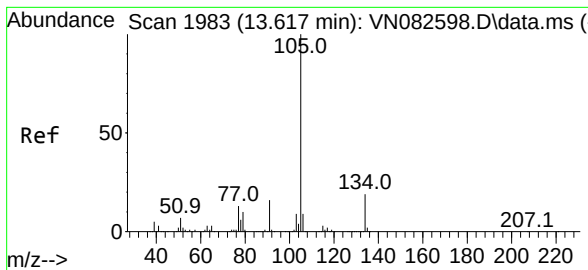


#84
1,2,4-Trimethylbenzene
Concen: 16.063 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



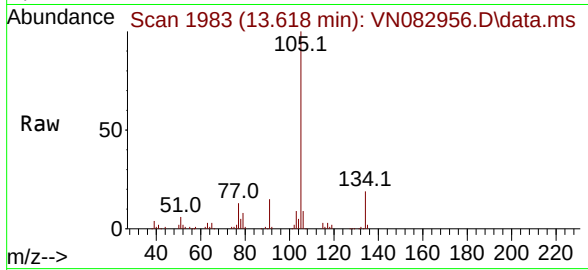
Tgt Ion:105 Resp: 80125
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 15.967 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21

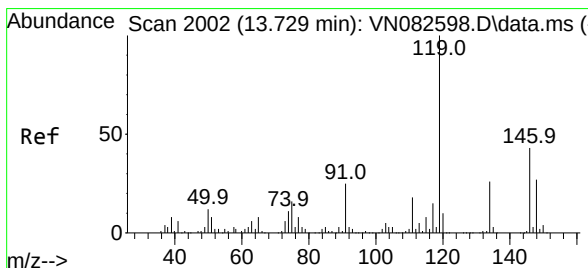
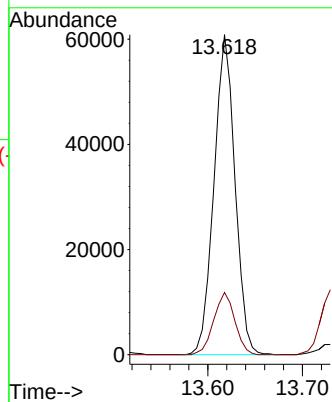
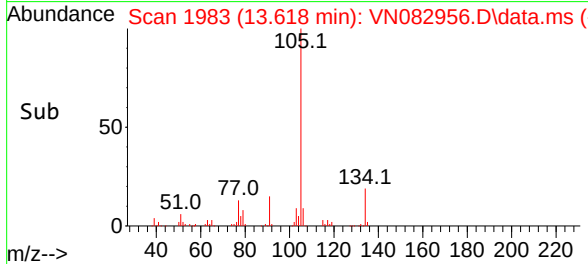
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBSD01



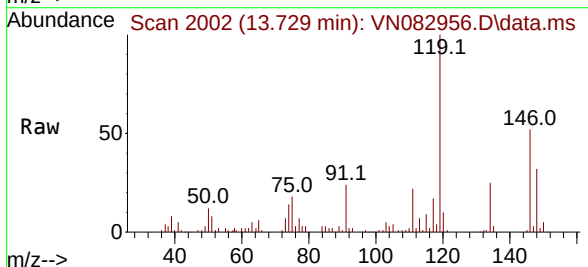
Tgt Ion:105 Resp: 93620
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

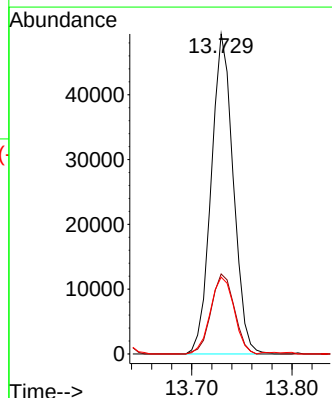
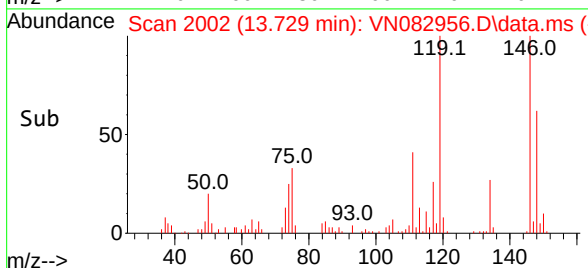
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024

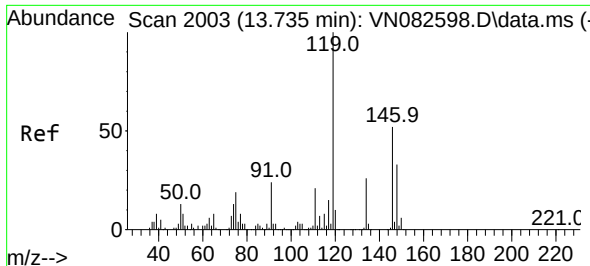


#86
 p-Isopropyltoluene
 Concen: 15.466 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082956.D
 Acq: 17 Jul 2024 12:21



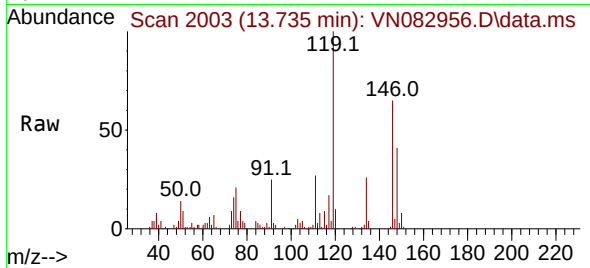
Tgt Ion:119 Resp: 75656
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 25.8 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 16.551 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

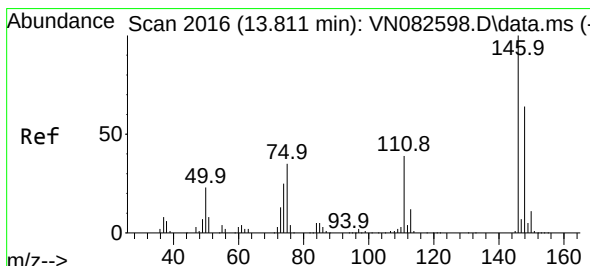
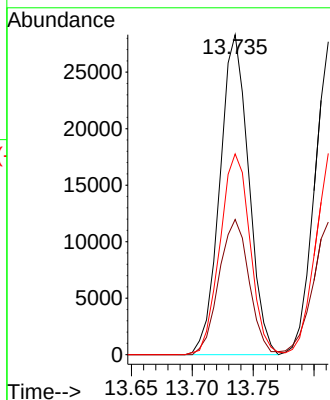
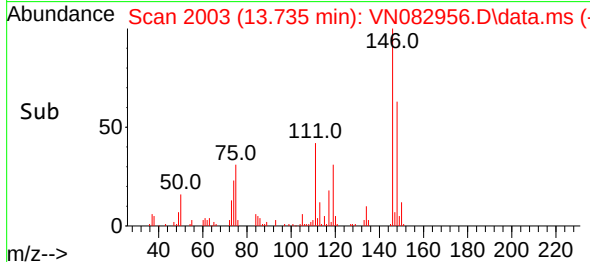
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



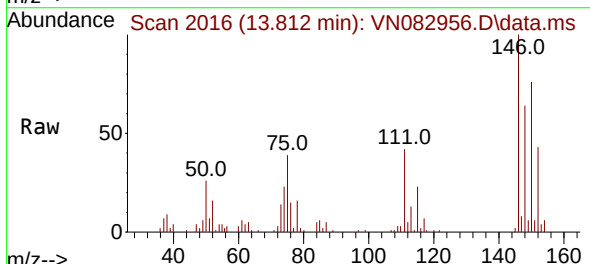
Tgt Ion:146 Resp: 46702
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 65.5 31.8 95.3

Manual Integrations
APPROVED

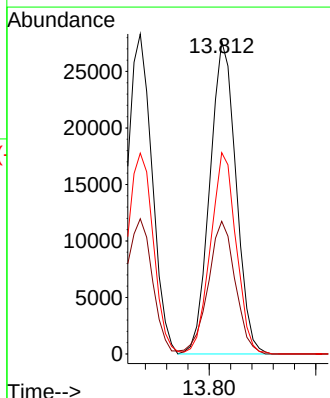
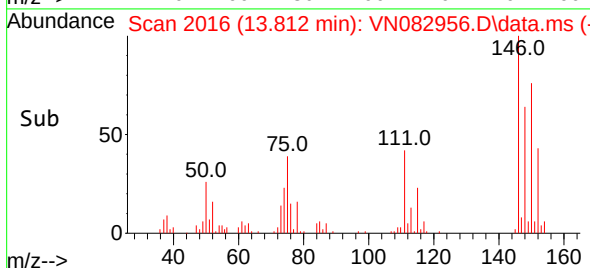
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

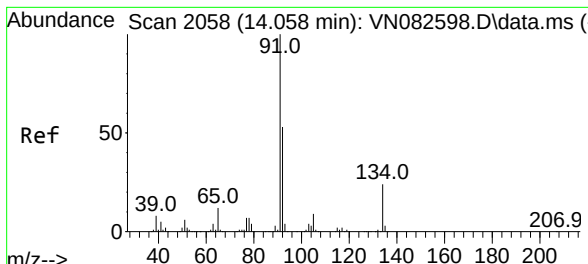


#88
1,4-Dichlorobenzene
Concen: 16.173 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



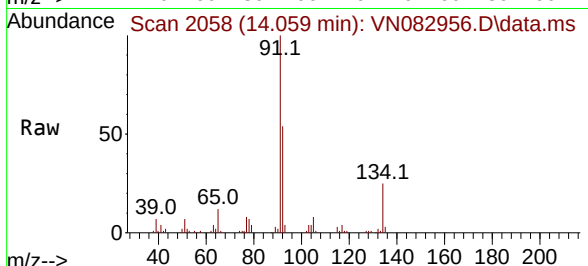
Tgt Ion:146 Resp: 47196
Ion Ratio Lower Upper
146 100
111 43.9 20.1 60.3
148 63.0 32.2 96.6





#89
n-Butylbenzene
Concen: 15.014 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

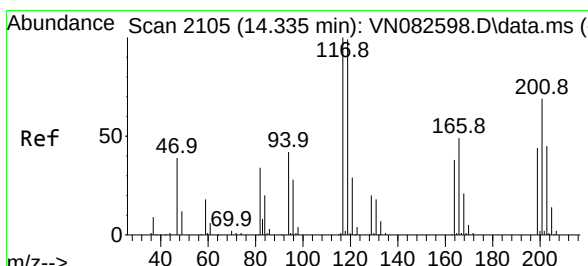
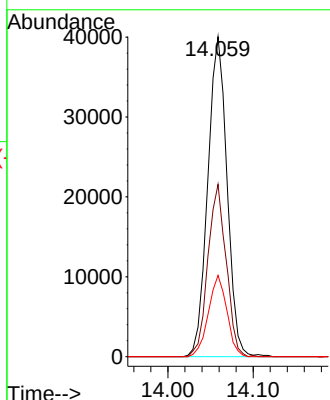
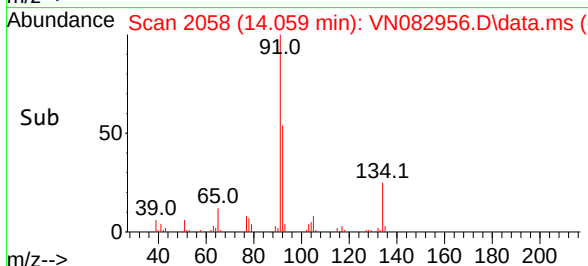
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion: 91 Resp: 62924
Ion Ratio Lower Upper
91 100
92 51.1 26.1 78.3
134 24.4 12.1 36.3

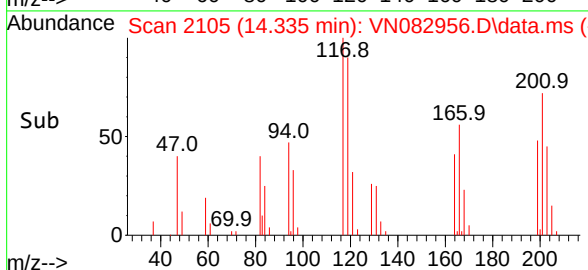
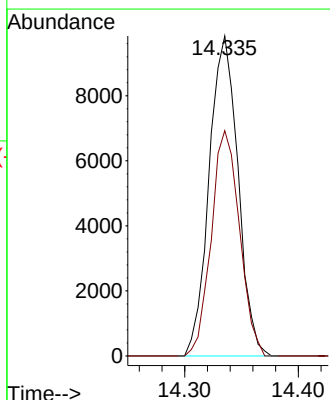
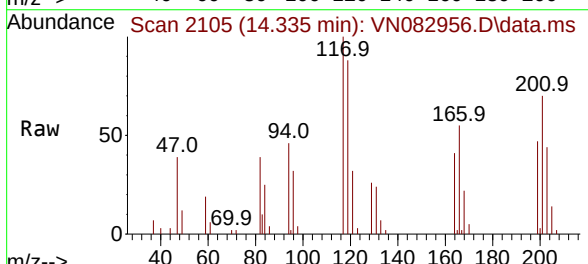
Manual Integrations
APPROVED

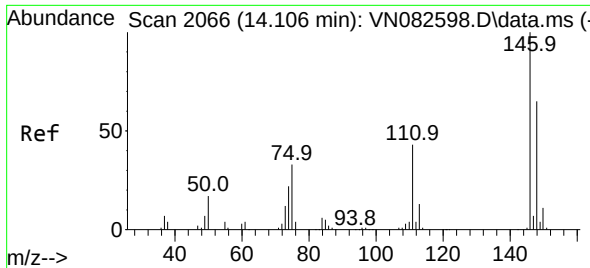
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#90
Hexachloroethane
Concen: 16.744 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

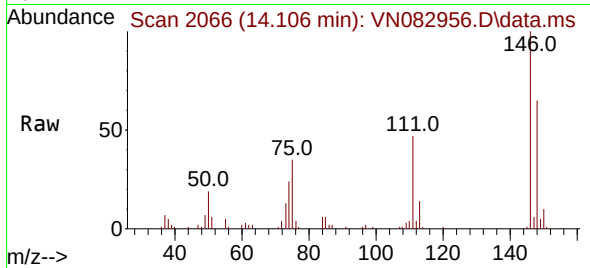
Tgt Ion:117 Resp: 17332
Ion Ratio Lower Upper
117 100
201 69.1 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 16.903 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

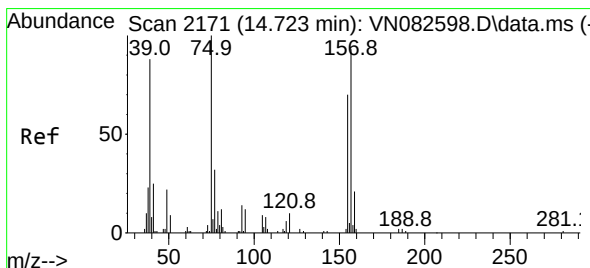
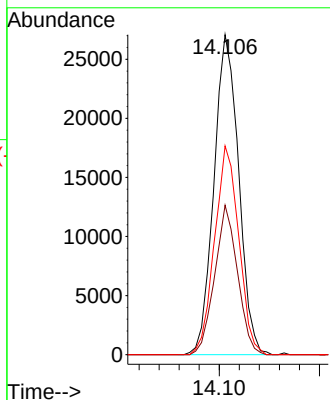
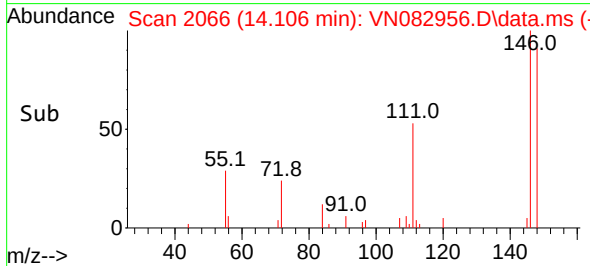
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



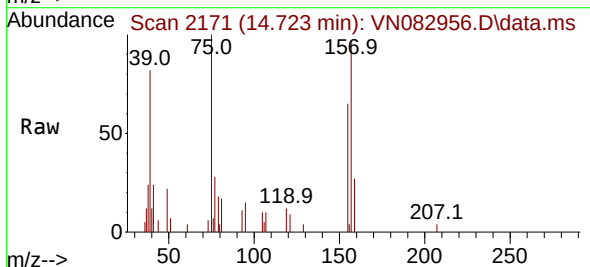
Tgt Ion:146 Resp: 46308
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 63.9 32.1 96.5

Manual Integrations
APPROVED

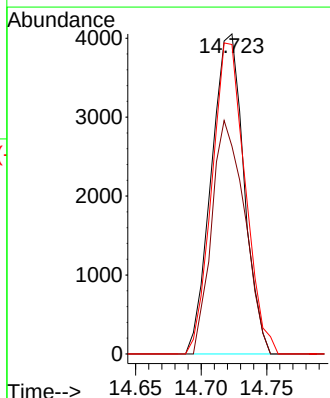
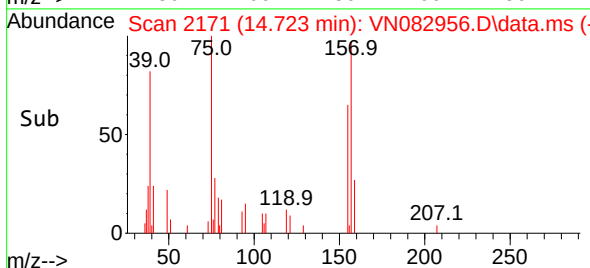
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

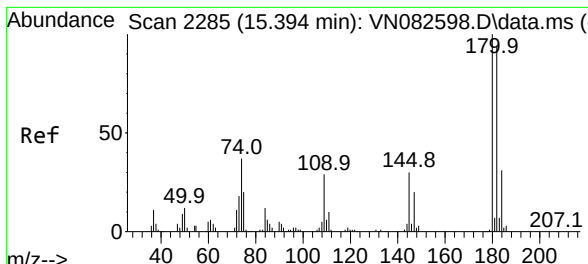


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.734 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21



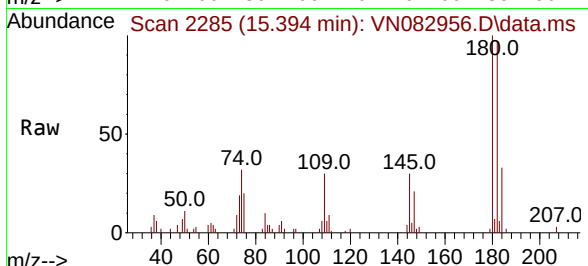
Tgt Ion: 75 Resp: 7020
Ion Ratio Lower Upper
75 100
155 73.4 36.6 109.8
157 98.6 46.9 140.6





#93
1,2,4-Trichlorobenzene
Concen: 14.951 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

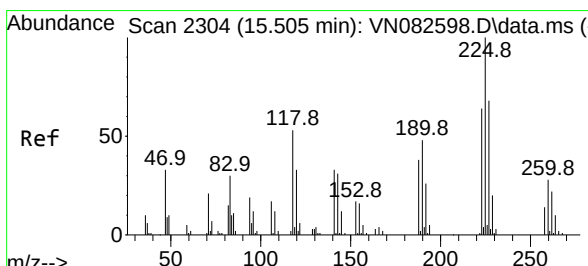
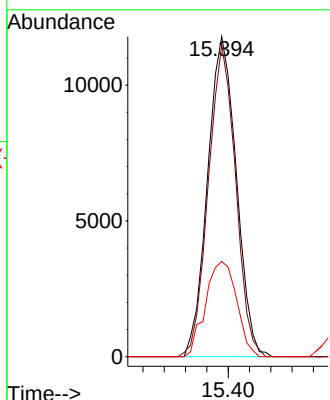
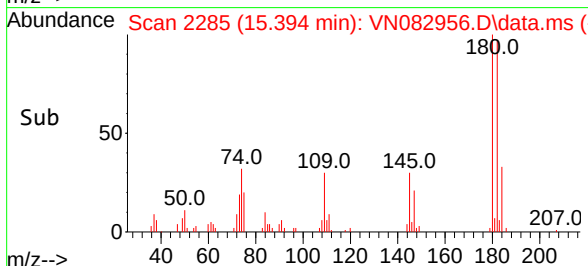
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion:180 Resp: 22064
Ion Ratio Lower Upper
180 100
182 92.1 47.3 141.8
145 32.3 15.7 47.1

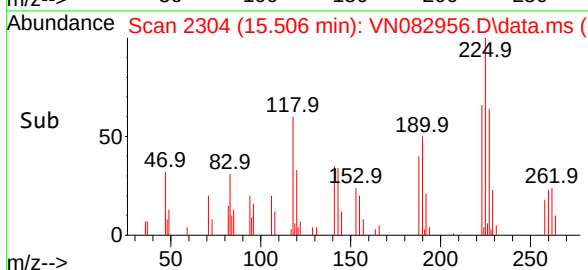
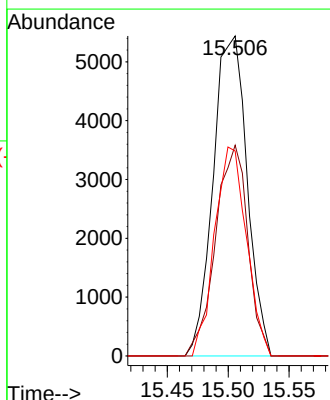
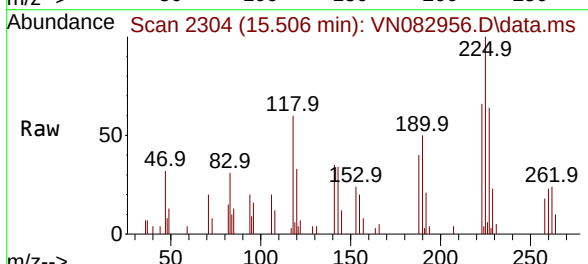
Manual Integrations
APPROVED

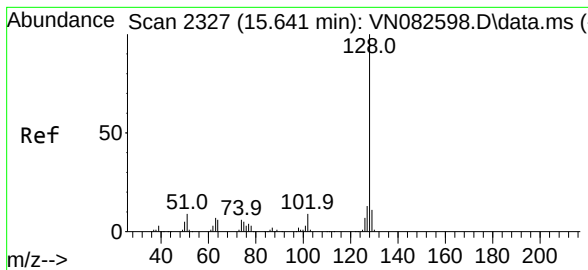
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#94
Hexachlorobutadiene
Concen: 16.126 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

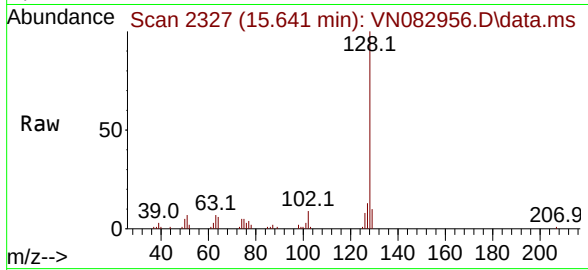
Tgt Ion:225 Resp: 10550
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 61.3 32.5 97.5





#95
Naphthalene
Concen: 13.347 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

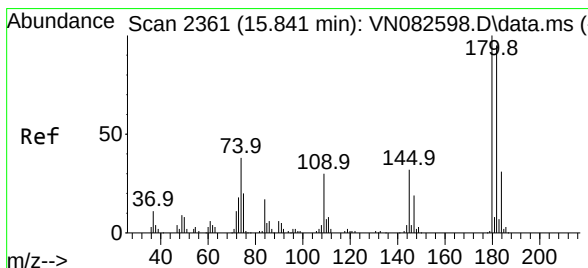
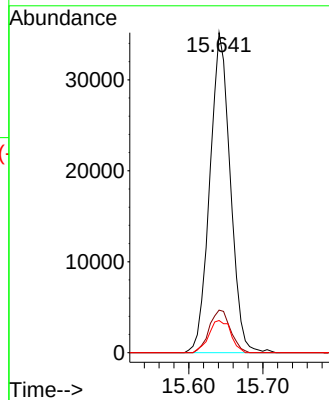
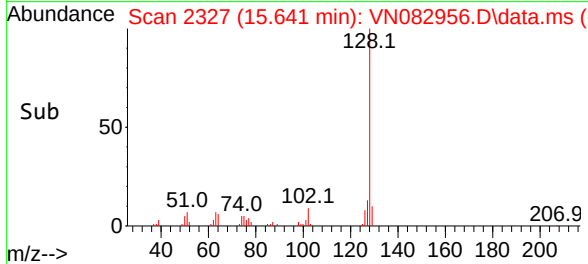
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBSD01



Tgt Ion:128 Resp: 67460
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 14.530 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082956.D
Acq: 17 Jul 2024 12:21

Tgt Ion:180 Resp: 22047
Ion Ratio Lower Upper
180 100
182 97.0 48.9 146.8
145 34.1 16.8 50.4

