

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082204.D
 Acq On : 20 May 2024 12:58
 Operator : JC\MD
 Sample : VN0520WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2024
 Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:45:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134772	47.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.165	113	92646	49.147	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	10.565	98	343779	47.567	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.140%		
62) 4-Bromofluorobenzene	12.847	95	122406	47.452	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	48169	18.476	ug/l	98
3) Chloromethane	2.359	50	54614	18.484	ug/l	98
4) Vinyl Chloride	2.518	62	50907	18.327	ug/l	98
5) Bromomethane	2.959	94	29880	18.715	ug/l	95
6) Chloroethane	3.124	64	34355	18.942	ug/l	99
7) Trichlorofluoromethane	3.500	101	68165	18.741	ug/l	97
8) Diethyl Ether	3.959	74	25995	20.062	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.377	101	39677	18.674	ug/l	98
10) Methyl Iodide	4.589	142	37297	17.461	ug/l	94
11) Tert butyl alcohol	5.518	59	46173	100.739	ug/l #	89
12) 1,1-Dichloroethene	4.347	96	36485	18.475	ug/l #	78
13) Acrolein	4.177	56	26222	77.203	ug/l	96
14) Allyl chloride	5.024	41	84812	20.059	ug/l #	85
15) Acrylonitrile	5.712	53	121613	102.449	ug/l	100
16) Acetone	4.424	43	110146	94.037	ug/l	96
17) Carbon Disulfide	4.712	76	109723	17.202	ug/l	97
18) Methyl Acetate	5.018	43	59481	20.391	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	143766	19.916	ug/l	98
20) Methylene Chloride	5.271	84	46923	19.855	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	40313	18.732	ug/l #	83
22) Diisopropyl ether	6.677	45	172158	19.499	ug/l #	90
23) Vinyl Acetate	6.606	43	700251	100.596	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	85370	18.760	ug/l	98
25) 2-Butanone	7.483	43	175884	99.040	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	73871	19.380	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	49250	19.391	ug/l	80
28) Bromochloromethane	7.818	49	37577	18.401	ug/l #	74
29) Tetrahydrofuran	7.835	42	116189	101.901	ug/l #	82
30) Chloroform	7.965	83	86525	19.910	ug/l	96
31) Cyclohexane	8.253	56	80433	17.637	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	75006	19.455	ug/l	94
36) 1,1-Dichloropropene	8.371	75	59587	18.847	ug/l	95
37) Ethyl Acetate	7.559	43	71787	20.289	ug/l #	94
38) Carbon Tetrachloride	8.359	117	62816	19.600	ug/l	92
39) Methylcyclohexane	9.600	83	63089	18.205	ug/l #	84
40) Benzene	8.606	78	186952	19.830	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	41981	20.175	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	74262	20.480	ug/l	95
43) Isopropyl Acetate	8.688	43	140538	22.416	ug/l #	86
44) Trichloroethene	9.359	130	41099	19.191	ug/l	98
45) 1,2-Dichloropropane	9.624	63	48961	20.128	ug/l	97
46) Dibromomethane	9.712	93	32442	20.314	ug/l	98
47) Bromodichloromethane	9.888	83	69452	20.600	ug/l	98
48) Methyl methacrylate	9.682	41	60019	20.091	ug/l #	82
49) 1,4-Dioxane	9.700	88	18613	444.629	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	375092	105.300	ug/l	89
52) Toluene	10.629	92	113557	20.071	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71219	20.425	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	76751	20.795	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	41881	20.370	ug/l	93
56) Ethyl methacrylate	10.876	69	72114	20.658	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	79081	20.571	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	161588	89.744	ug/l	89
59) 2-Hexanone	11.200	43	273414	104.828	ug/l	89
60) Dibromochloromethane	11.359	129	49653	21.883	ug/l	100
61) 1,2-Dibromoethane	11.471	107	42330	20.044	ug/l	100
64) Tetrachloroethene	11.106	164	41412	19.861	ug/l	94
65) Chlorobenzene	11.894	112	121541	19.557	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	42459	20.741	ug/l	99
67) Ethyl Benzene	11.965	91	213675	19.220	ug/l	95
68) m/p-Xylenes	12.070	106	156775	38.477	ug/l	91
69) o-Xylene	12.400	106	75373	19.097	ug/l	92
70) Styrene	12.412	104	130756	19.945	ug/l	96
71) Bromoform	12.582	173	31542	19.803	ug/l #	97
73) Isopropylbenzene	12.694	105	195291	18.955	ug/l	96
74) N-amyl acetate	12.494	43	106535	18.798	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	59252	19.950	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	56196m	20.587	ug/l	
77) Bromobenzene	12.982	156	47863	19.493	ug/l	90
78) n-propylbenzene	13.035	91	234317	19.205	ug/l	96
79) 2-Chlorotoluene	13.123	91	142618	18.616	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	163215	19.591	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	22392	19.187	ug/l #	80
82) 4-Chlorotoluene	13.223	91	143804	19.198	ug/l	94
83) tert-Butylbenzene	13.441	119	135629	18.609	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	164700	19.323	ug/l	99
85) sec-Butylbenzene	13.617	105	194057	19.209	ug/l	98
86) p-Isopropyltoluene	13.729	119	161245	19.640	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	86236	19.386	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	86241	18.995	ug/l	96
89) n-Butylbenzene	14.059	91	141483	19.173	ug/l	98
90) Hexachloroethane	14.335	117	30062	19.763	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	84066	19.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12446	20.396	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	44771	18.969	ug/l	98
94) Hexachlorobutadiene	15.506	225	19376	18.709	ug/l	98
95) Naphthalene	15.641	128	144690	19.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44652	18.898	ug/l	97

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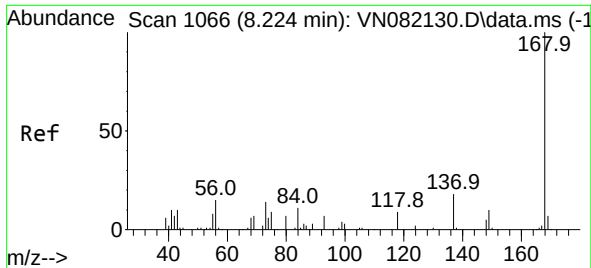
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/21/2024

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Response via : Initial Calibration

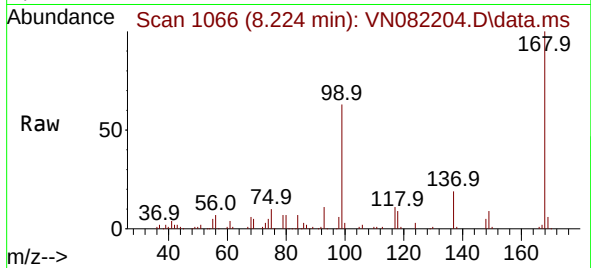
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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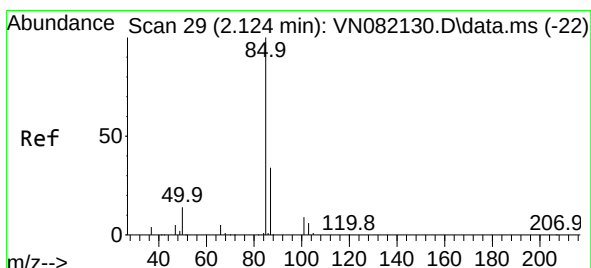
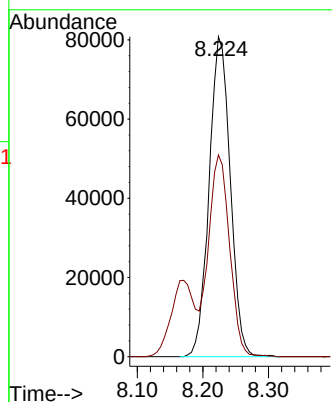
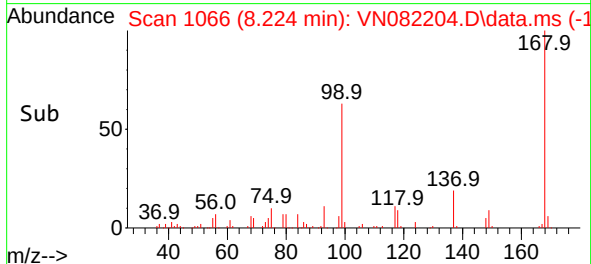
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion:168 Resp: 180829
Ion Ratio Lower Upper
168 100
99 63.0 48.2 72.4

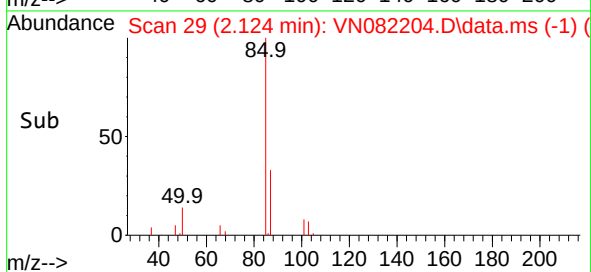
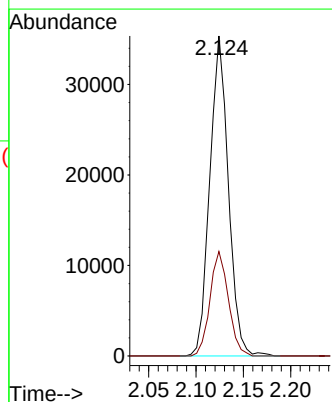
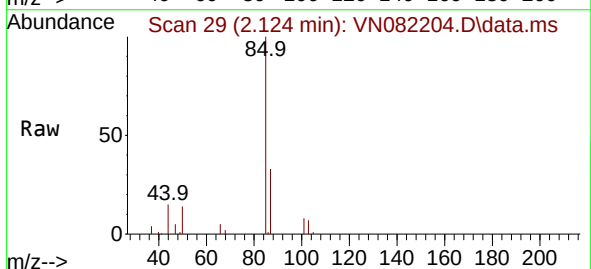
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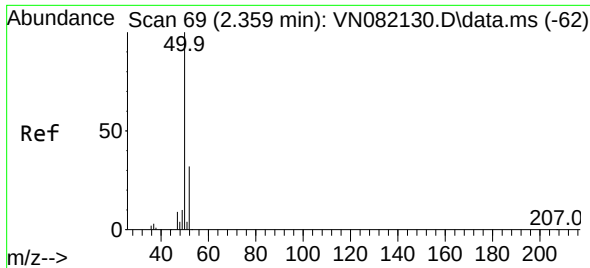
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#2
Dichlorodifluoromethane
Concen: 18.476 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

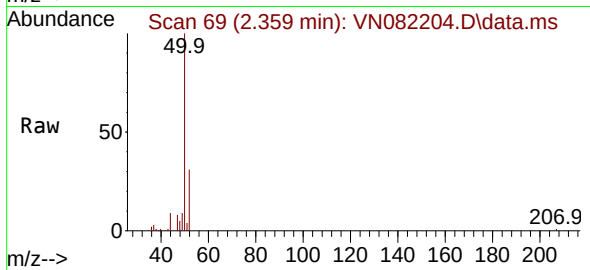
Tgt Ion: 85 Resp: 48169
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 18.484 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

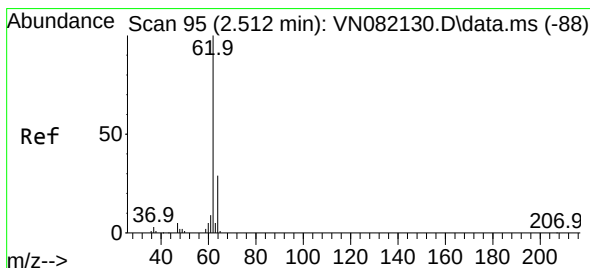
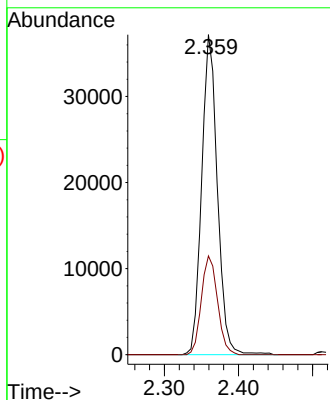
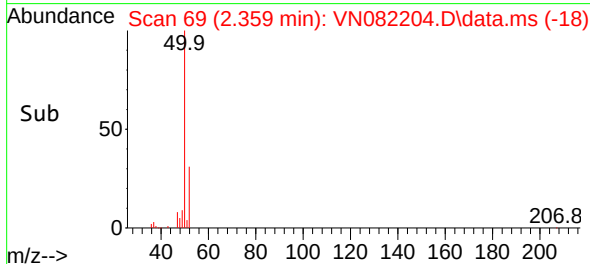
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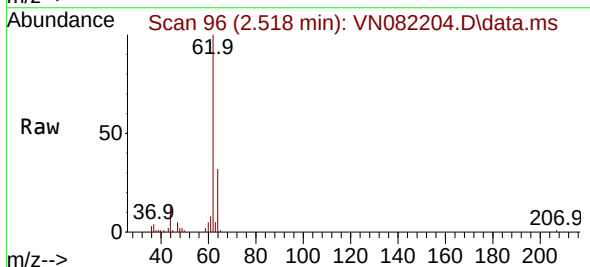
Tgt Ion: 50 Resp: 54614
Ion Ratio Lower Upper
50 100
52 30.9 25.5 38.3

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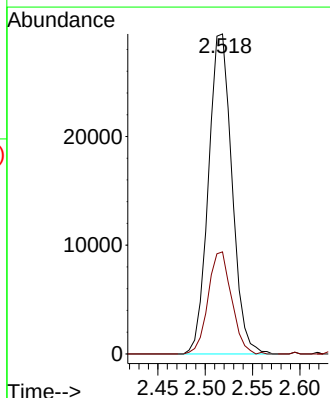
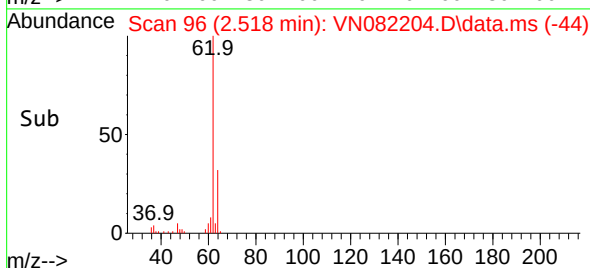
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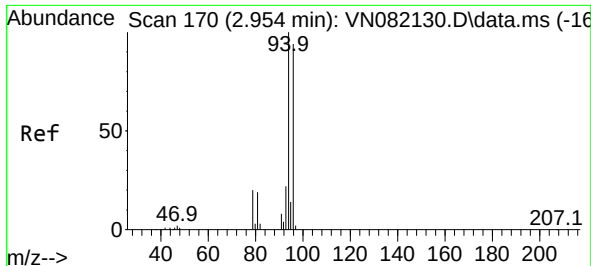


#4
Vinyl Chloride
Concen: 18.327 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



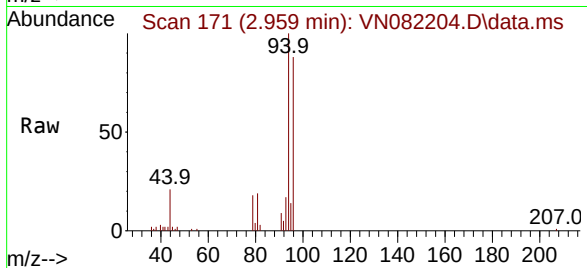
Tgt Ion: 62 Resp: 50907
Ion Ratio Lower Upper
62 100
64 31.9 24.6 37.0





#5
Bromomethane
Concen: 18.715 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

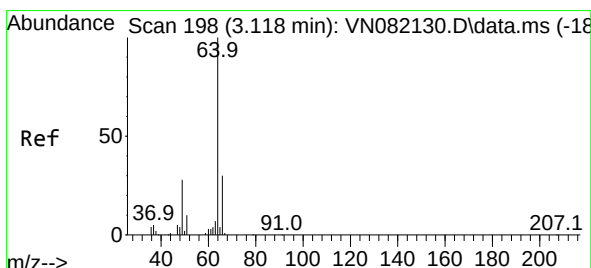
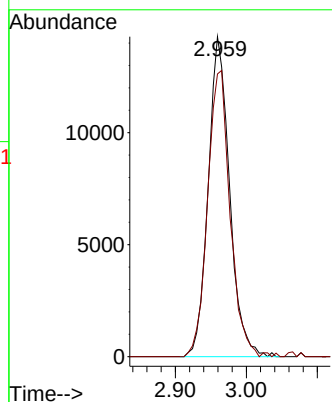
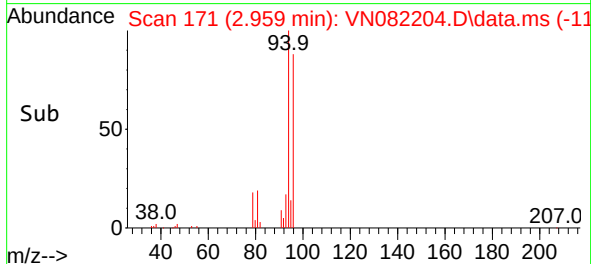
Instrument :
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Tgt Ion: 94 Resp: 29880
Ion Ratio Lower Upper
94 100
96 88.4 74.8 112.2

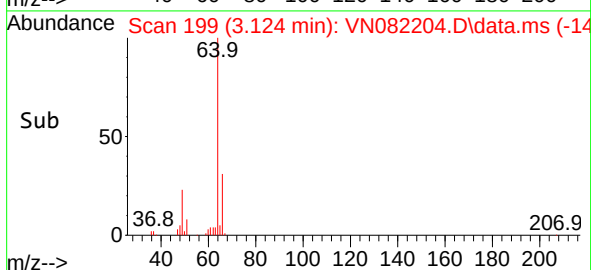
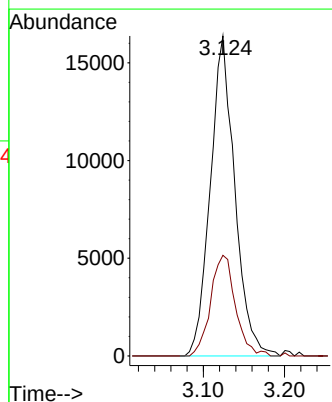
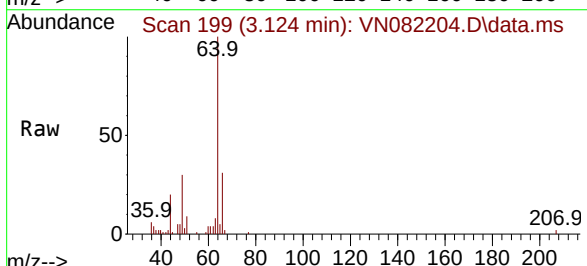
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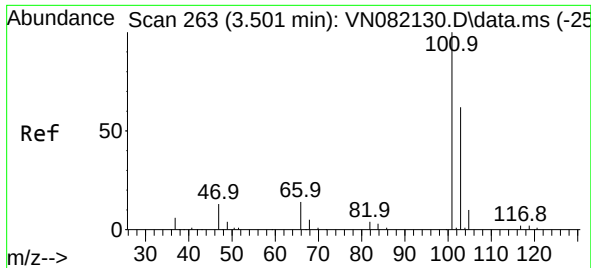
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#6
Chloroethane
Concen: 18.942 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082204.D
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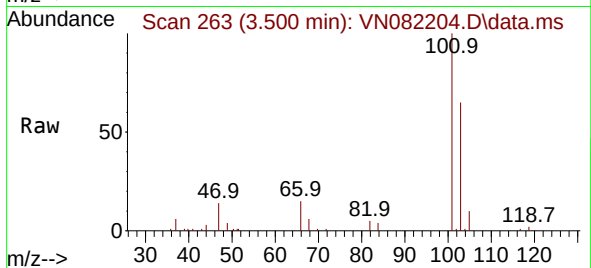
Tgt Ion: 64 Resp: 34355
Ion Ratio Lower Upper
64 100
66 31.5 24.7 37.1





#7
Trichlorofluoromethane
Concen: 18.741 ug/l
RT: 3.500 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN082204.D
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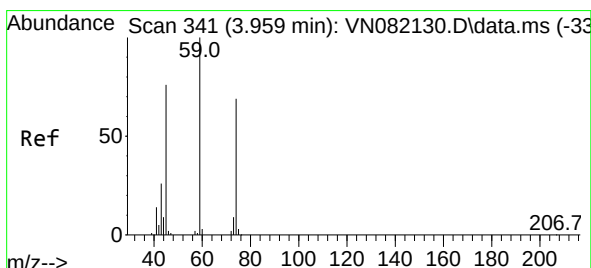
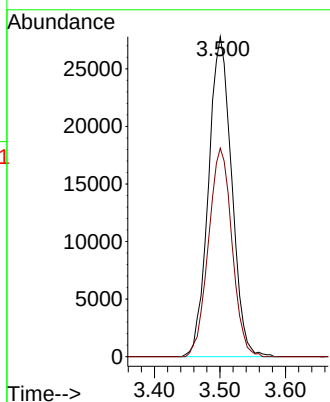
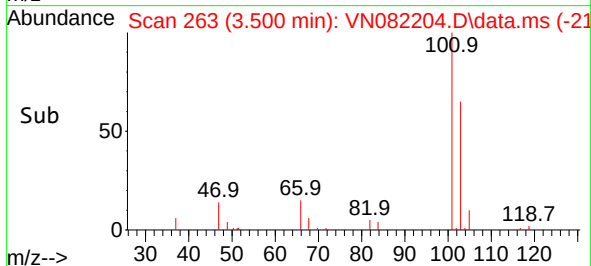
Instrument :
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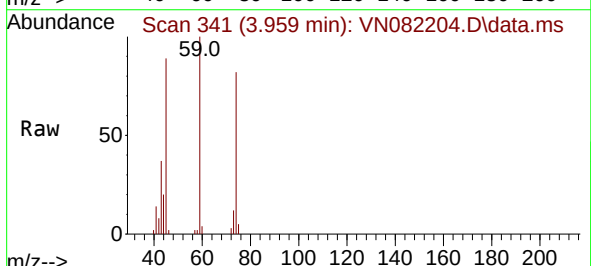
Tgt Ion:101 Resp: 6816
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8

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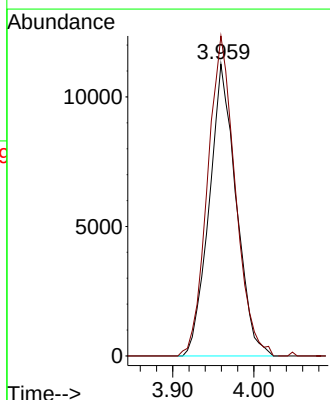
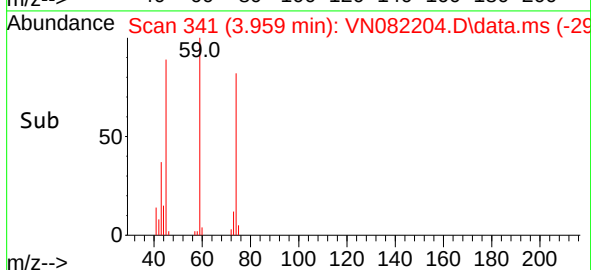
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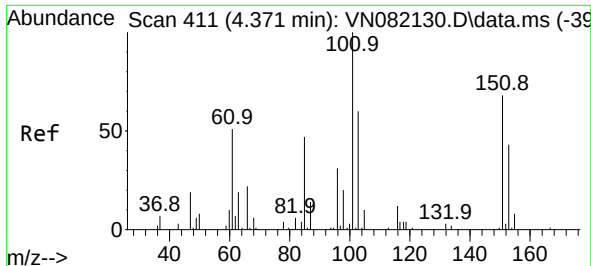


#8
Diethyl Ether
Concen: 20.062 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 25995
Ion Ratio Lower Upper
74 100
45 112.8 42.4 127.3





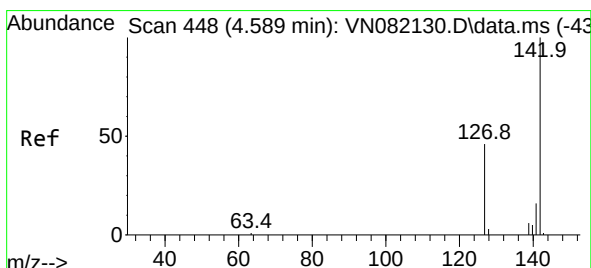
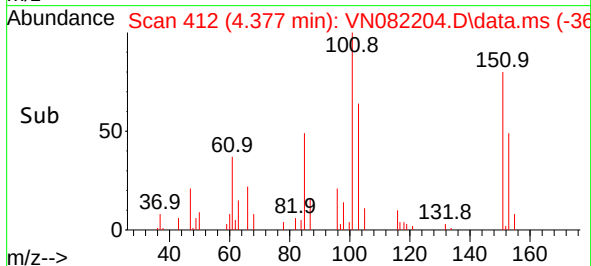
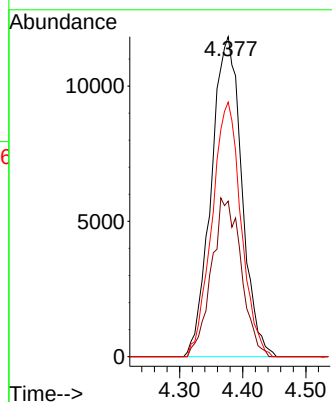
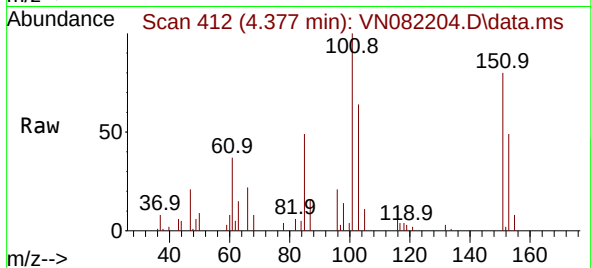
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.674 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:101 Resp: 3967
Ion Ratio Lower Upper
101 100
85 48.3 37.3 55.9
151 75.8 59.2 88.8

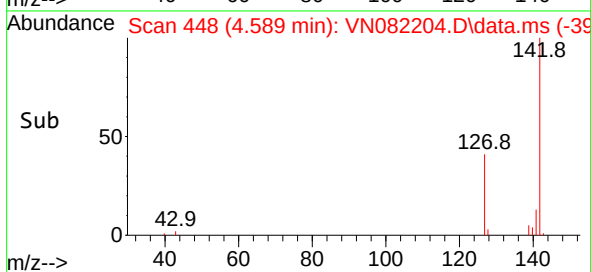
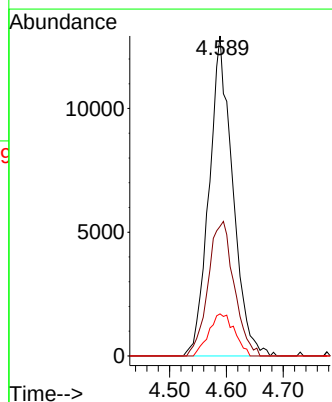
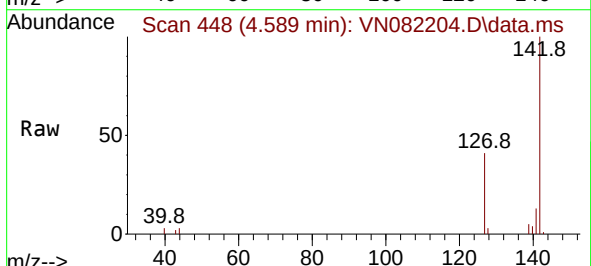
Manual Integrations
APPROVED

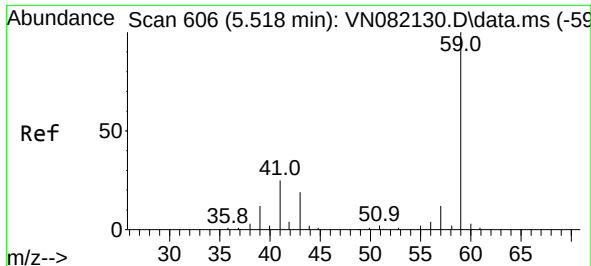
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#10
Methyl Iodide
Concen: 17.461 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

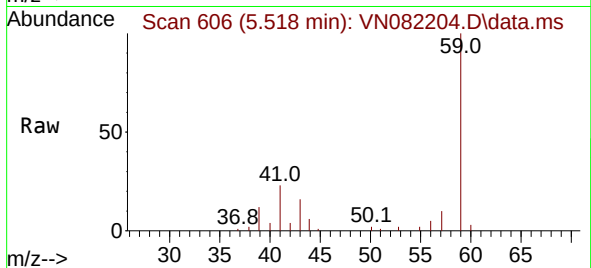
Tgt Ion:142 Resp: 37297
Ion Ratio Lower Upper
142 100
127 40.5 35.8 53.6
141 13.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 100.739 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

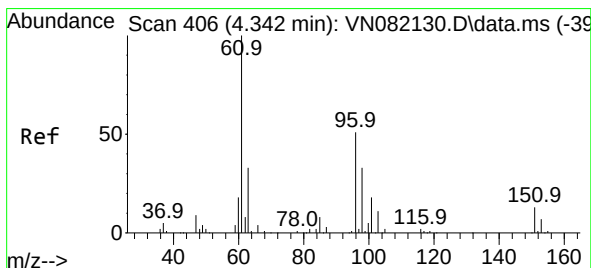
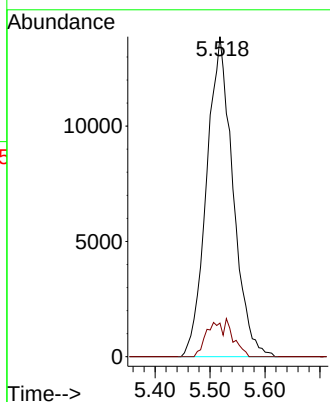
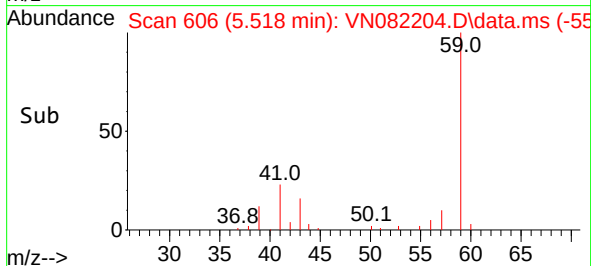
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



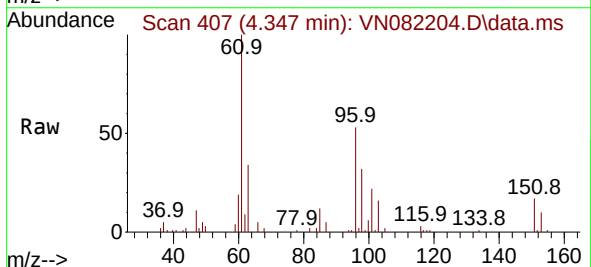
Tgt Ion: 59 Resp: 46173
Ion Ratio Lower Upper
59 100
57 6.8 8.9 13.3

Manual Integrations
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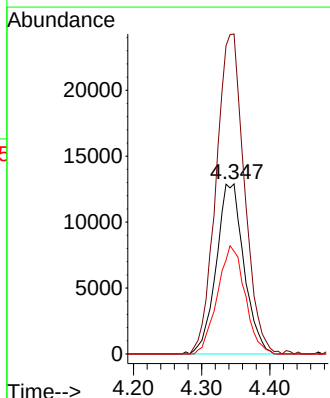
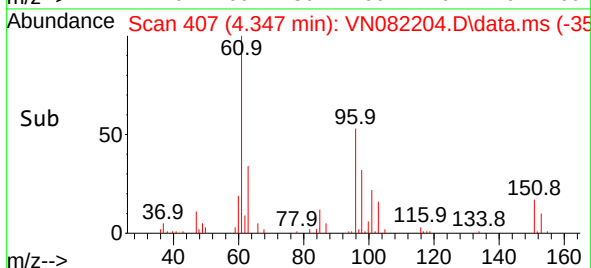
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

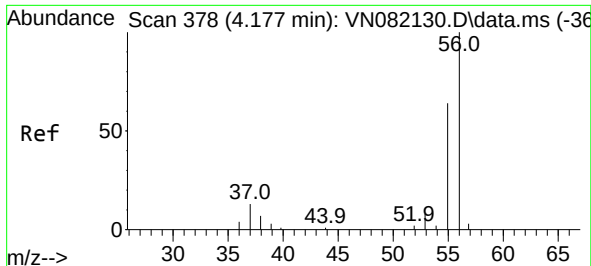


#12
1,1-Dichloroethene
Concen: 18.475 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion: 96 Resp: 36485
Ion Ratio Lower Upper
96 100
61 188.1 119.7 179.5#
98 60.4 49.6 74.4





#13

Acrolein

Concen: 77.203 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 56 Resp: 2622

Ion Ratio Lower Upper

56 100

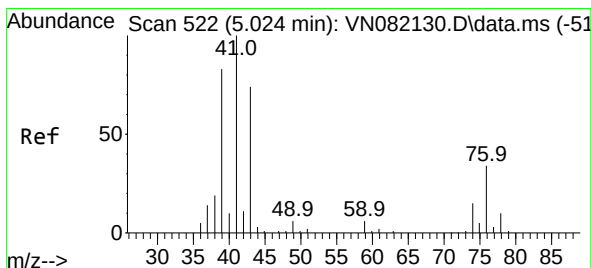
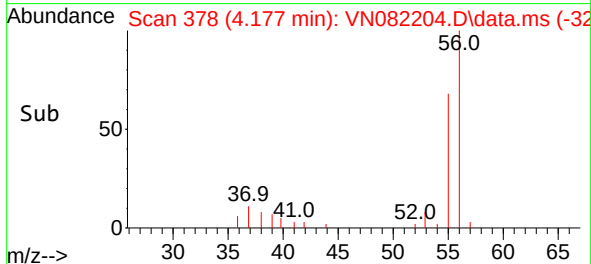
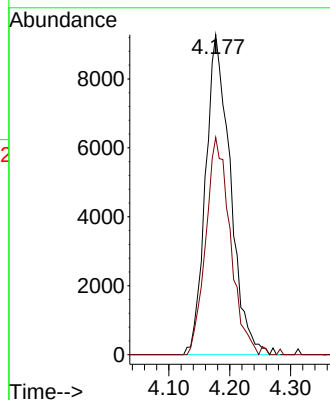
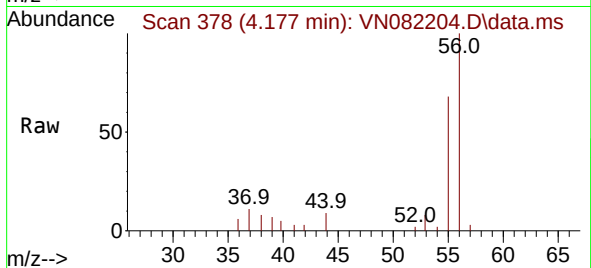
55 66.9 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#14

Allyl chloride

Concen: 20.059 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

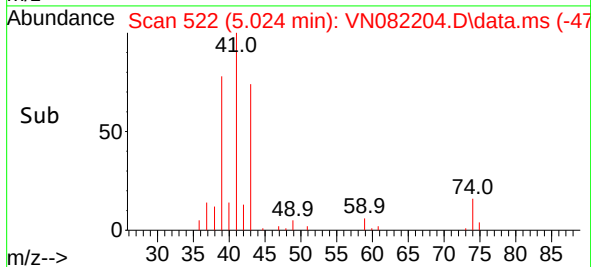
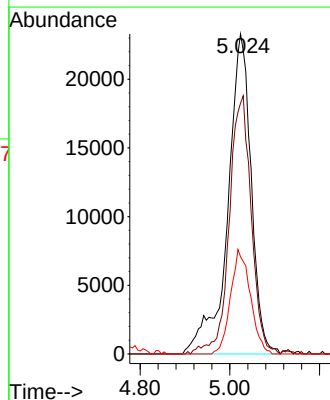
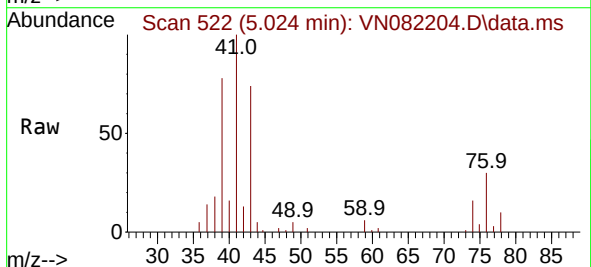
Tgt Ion: 41 Resp: 84812

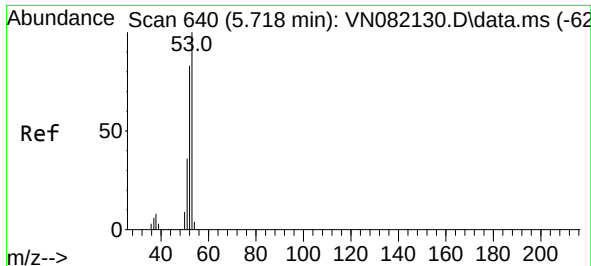
Ion Ratio Lower Upper

41 100

39 75.3 65.4 98.0

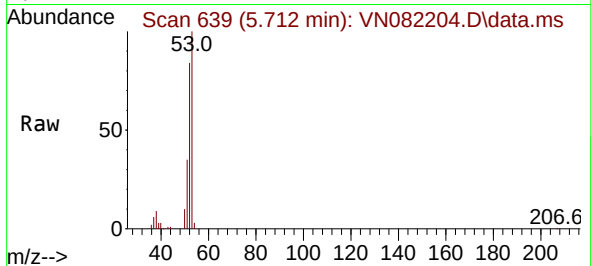
76 27.6 37.3 55.9#





#15
Acrylonitrile
Concen: 102.449 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

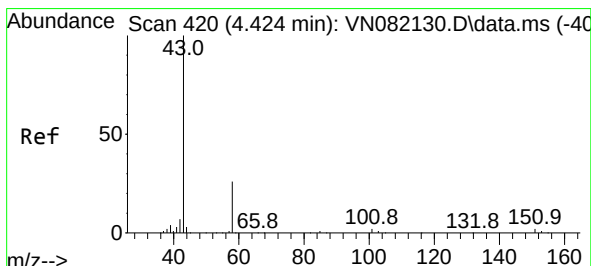
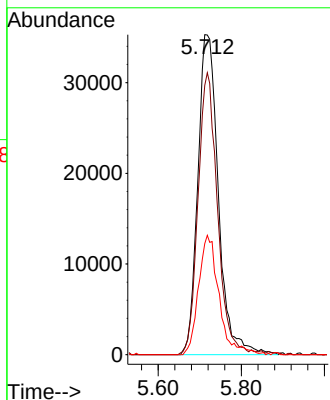
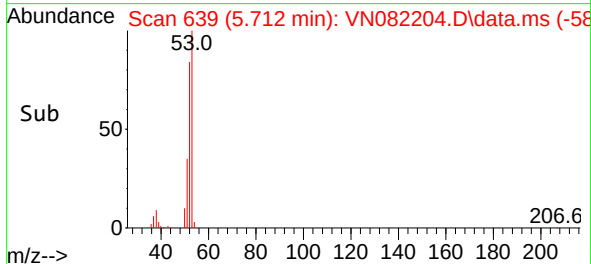
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 53 Resp: 121611
Ion Ratio Lower Upper
53 100
52 82.7 66.1 99.1
51 37.0 29.4 44.2

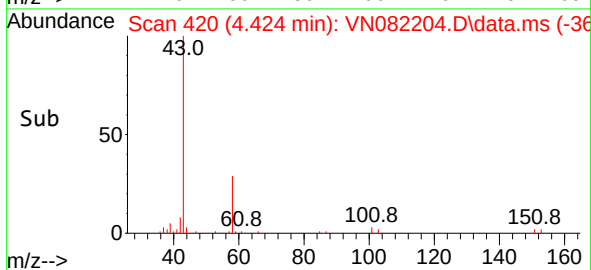
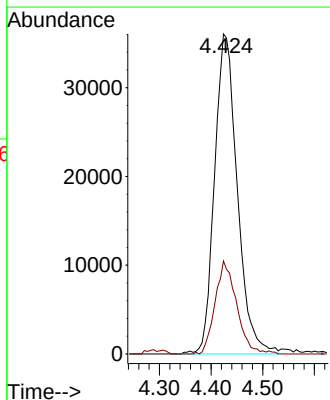
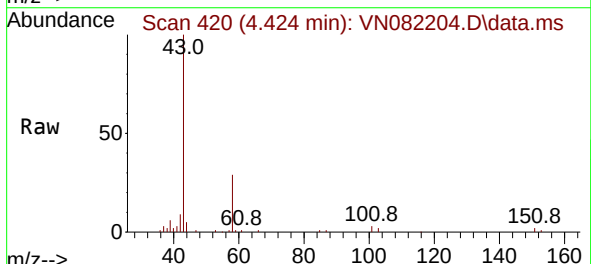
Manual Integrations
APPROVED

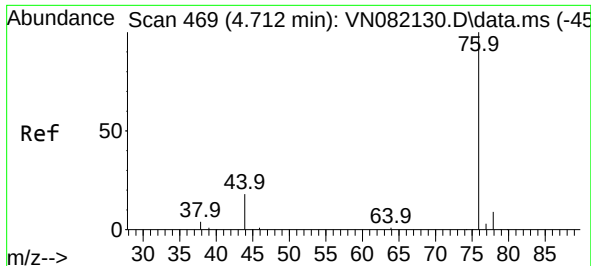
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#16
Acetone
Concen: 94.037 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

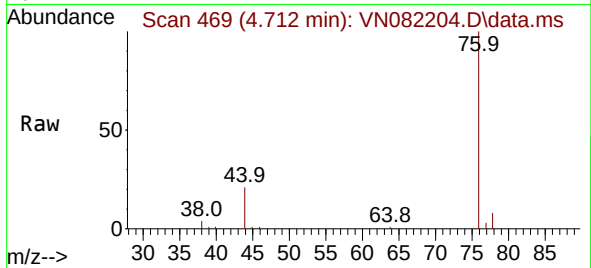
Tgt Ion: 43 Resp: 110146
Ion Ratio Lower Upper
43 100
58 29.0 25.2 37.8





#17
Carbon Disulfide
Concen: 17.202 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

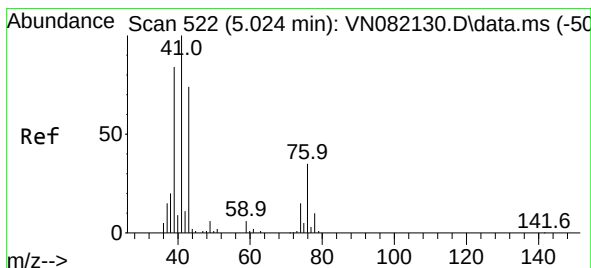
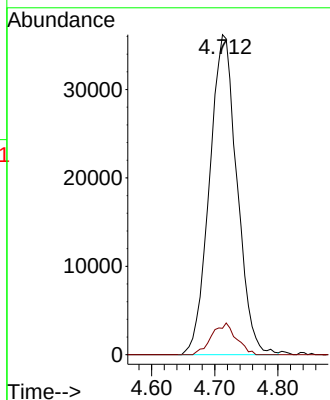
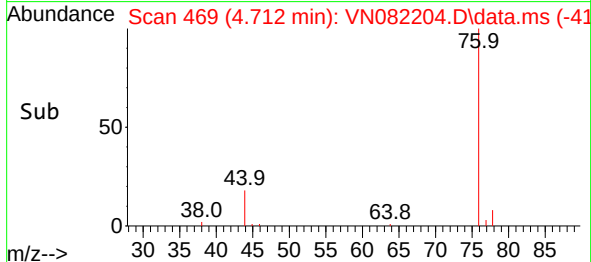
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 76 Resp: 10972
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

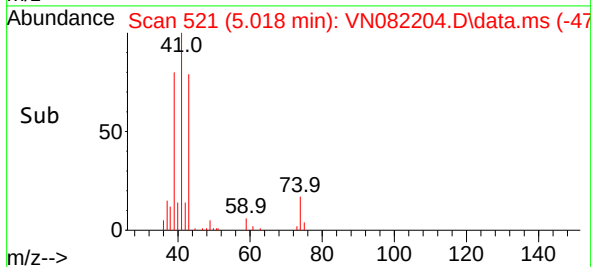
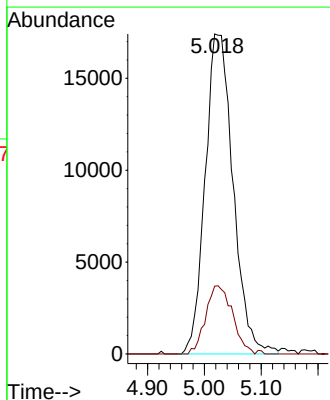
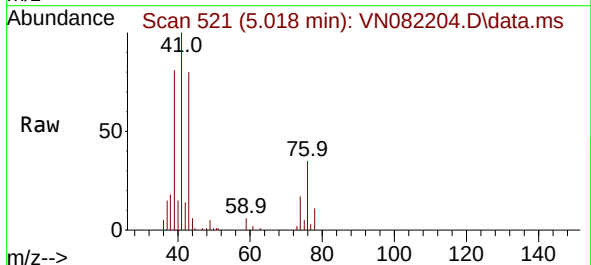
Manual Integrations
APPROVED

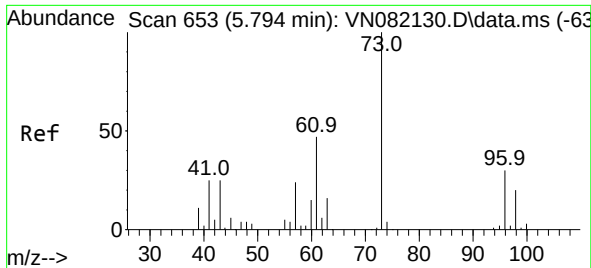
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#18
Methyl Acetate
Concen: 20.391 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 43 Resp: 59481
Ion Ratio Lower Upper
43 100
74 20.4 22.2 33.2#





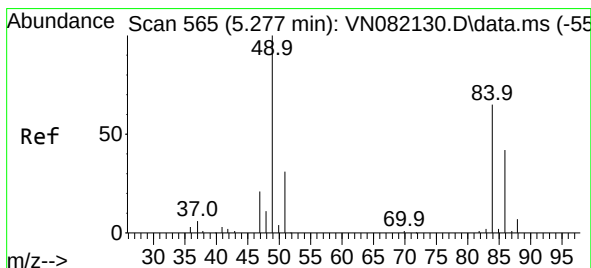
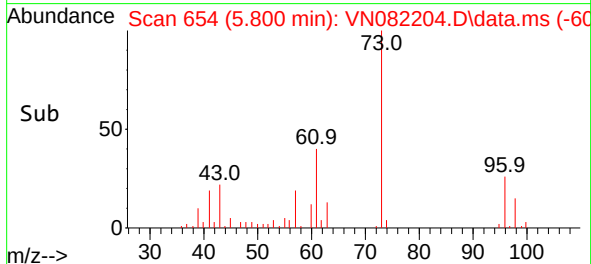
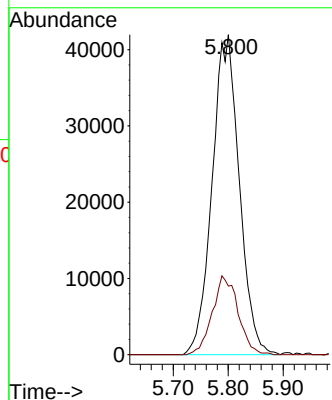
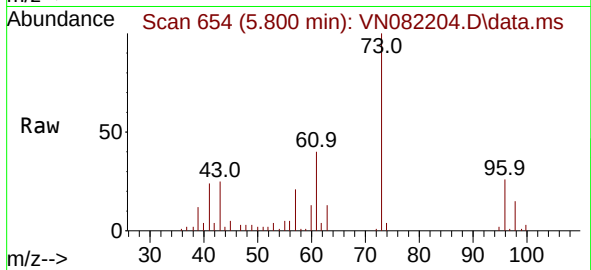
#19
Methyl tert-butyl Ether
Concen: 19.916 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion: 73 Resp: 143760
Ion Ratio Lower Upper
73 100
57 21.4 16.5 24.7

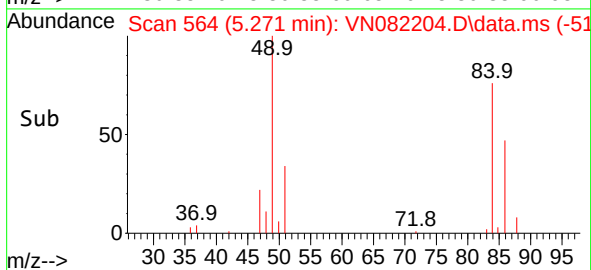
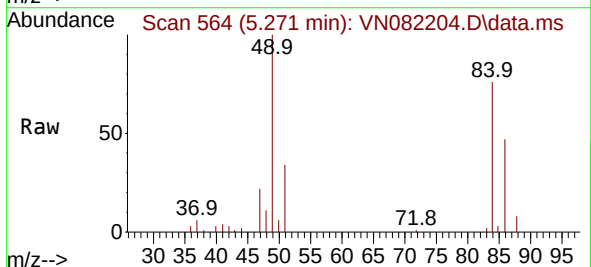
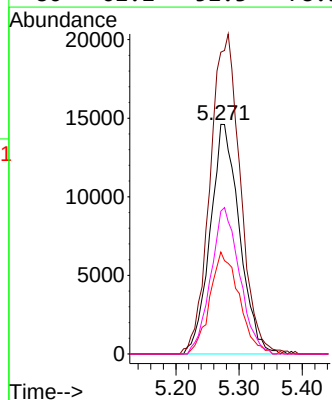
Manual Integrations
APPROVED

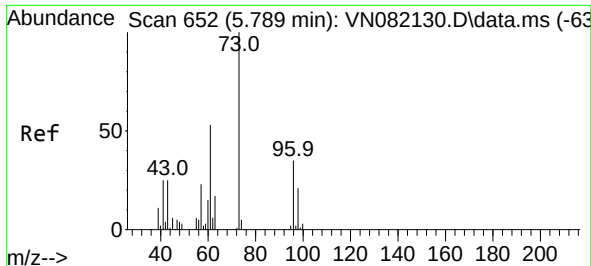
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#20
Methylene Chloride
Concen: 19.855 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

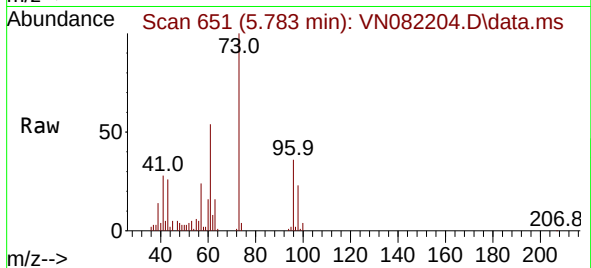
Tgt Ion: 84 Resp: 46923
Ion Ratio Lower Upper
84 100
49 131.5 84.9 127.3#
51 44.4 27.0 40.6#
86 62.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 18.732 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

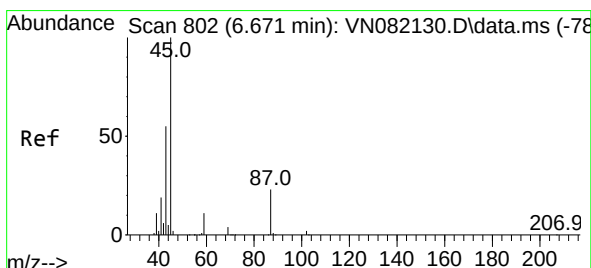
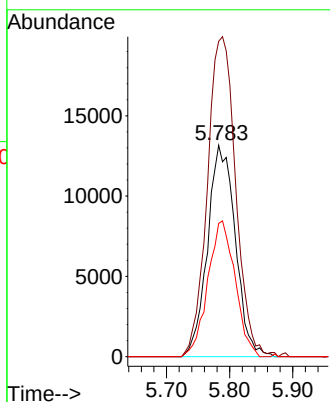
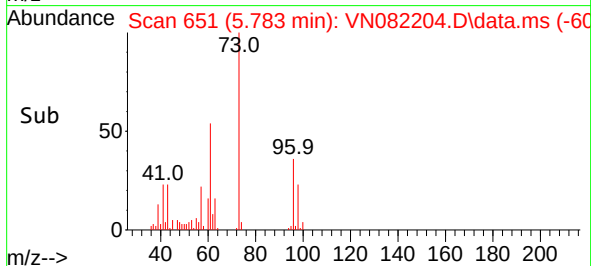
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 96 Resp: 4031
Ion Ratio Lower Upper
96 100
61 149.2 96.5 144.7
98 63.0 51.3 76.9

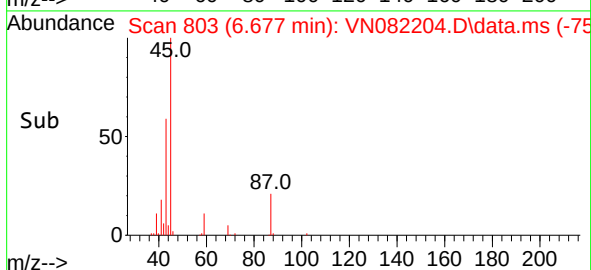
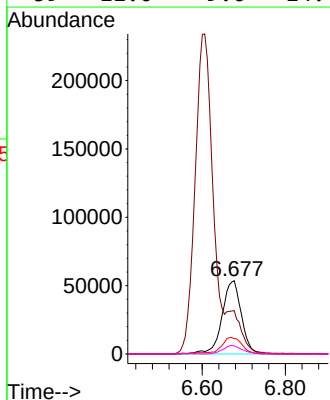
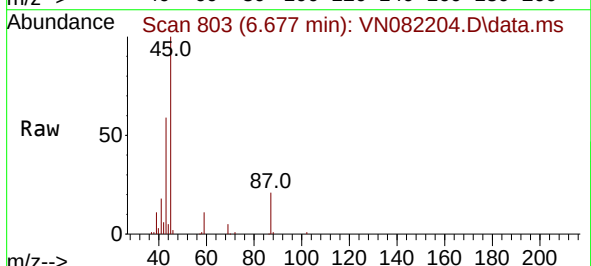
Manual Integrations
APPROVED

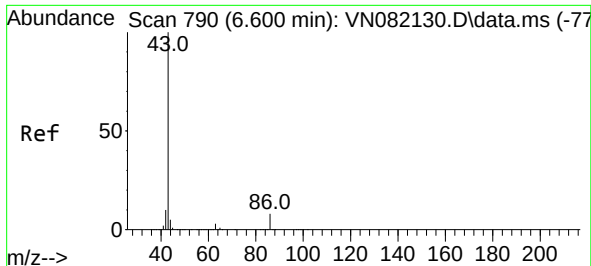
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#22
Diisopropyl ether
Concen: 19.499 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

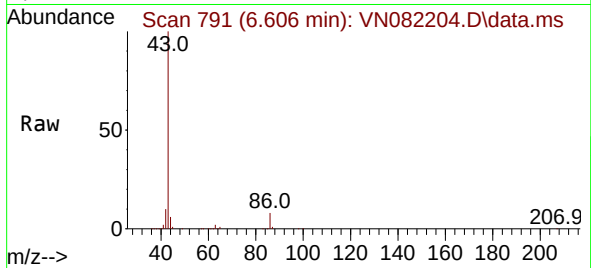
Tgt Ion: 45 Resp: 172158
Ion Ratio Lower Upper
45 100
43 58.2 44.1 66.1
87 21.1 27.0 40.6
59 11.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 100.596 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

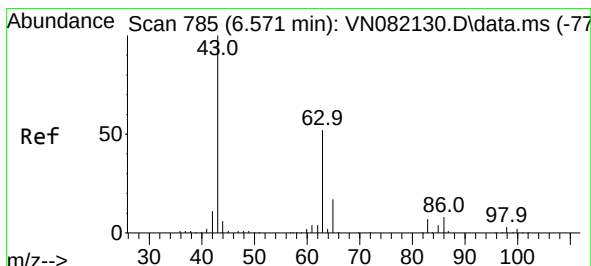
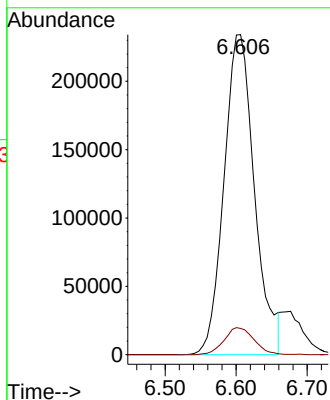
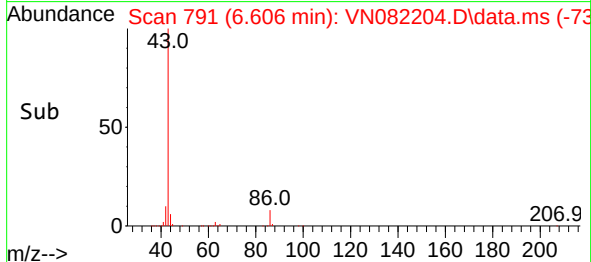
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01



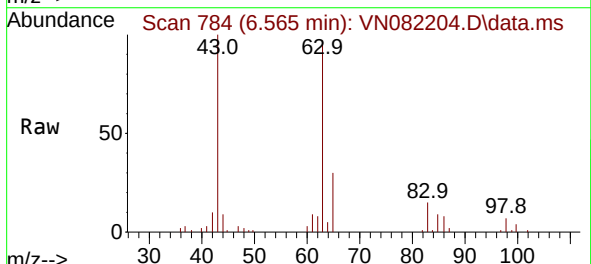
Tgt Ion: 43 Resp: 70025
 Ion Ratio Lower Upper
 43 100
 86 8.2 10.2 15.4

Manual Integrations
 APPROVED

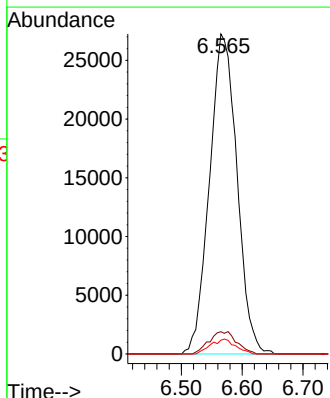
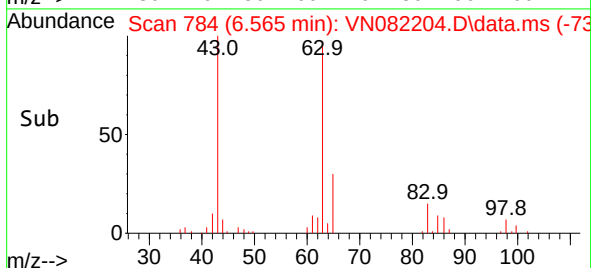
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024

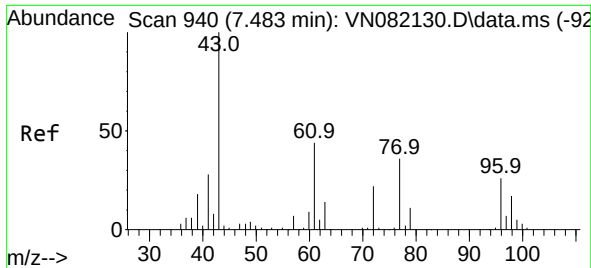


#24
 1,1-Dichloroethane
 Concen: 18.760 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58



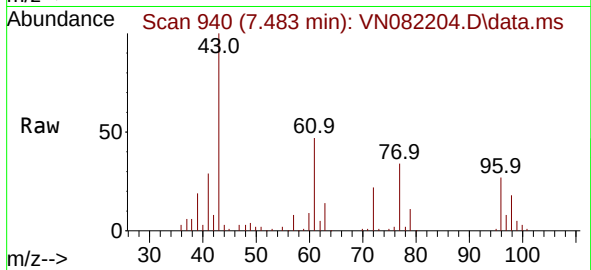
Tgt Ion: 63 Resp: 85370
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.3 2.6 7.8





#25
2-Butanone
Concen: 99.040 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

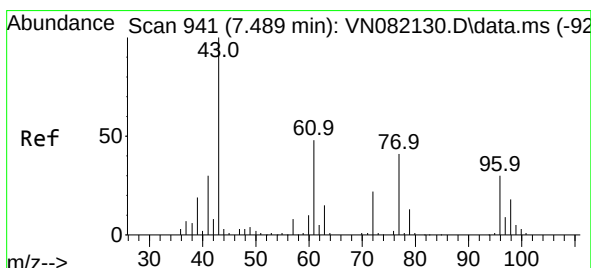
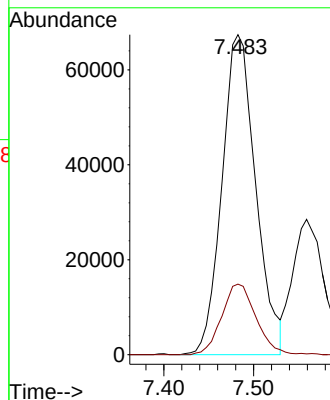
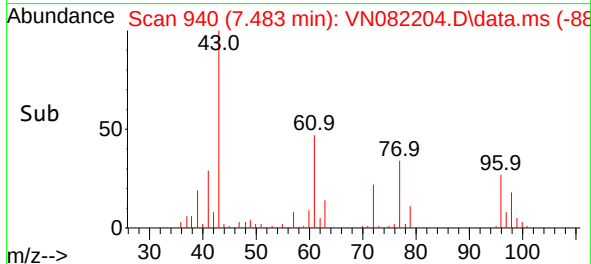
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 43 Resp: 175884
Ion Ratio Lower Upper
43 100
72 22.0 25.3 37.9

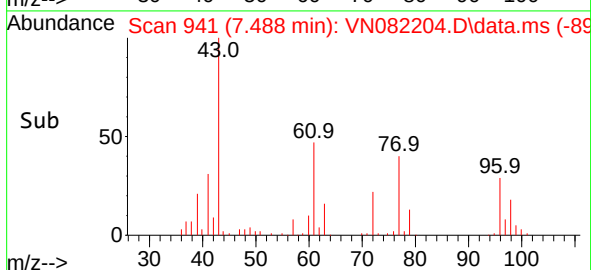
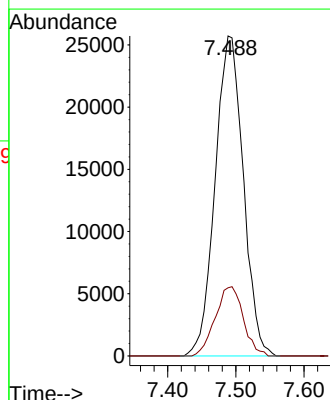
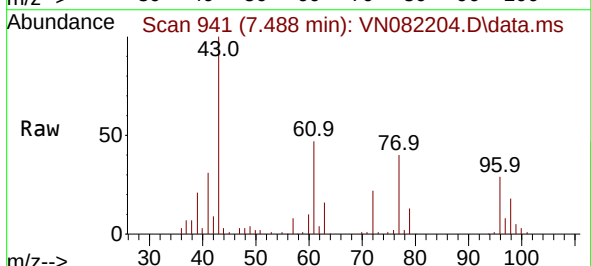
Manual Integrations
APPROVED

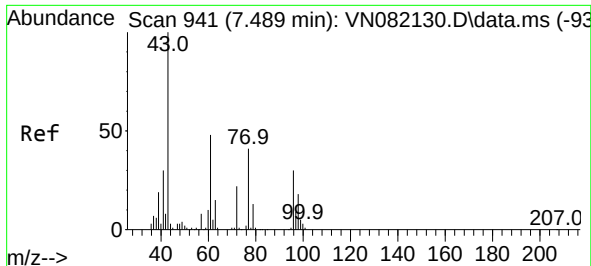
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#26
2,2-Dichloropropane
Concen: 19.380 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

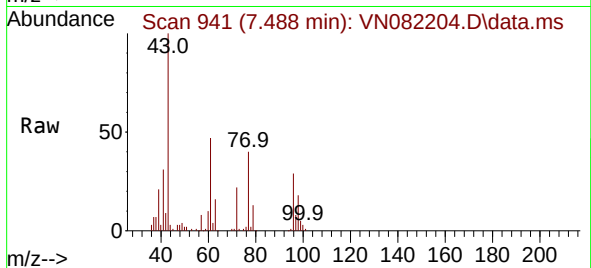
Tgt Ion: 77 Resp: 73871
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 19.391 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

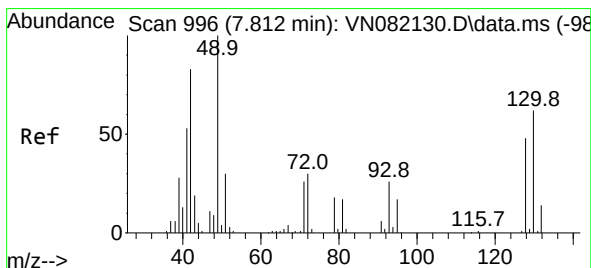
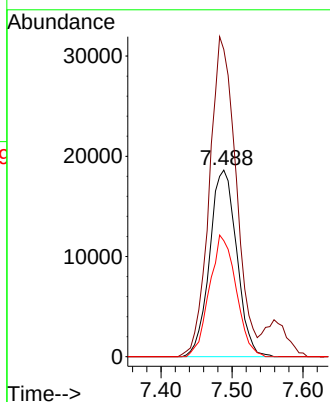
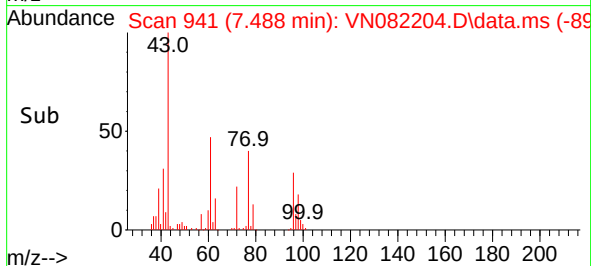
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 96 Resp: 49250
Ion Ratio Lower Upper
96 100
61 168.7 0.0 268.0
98 64.1 0.0 126.8

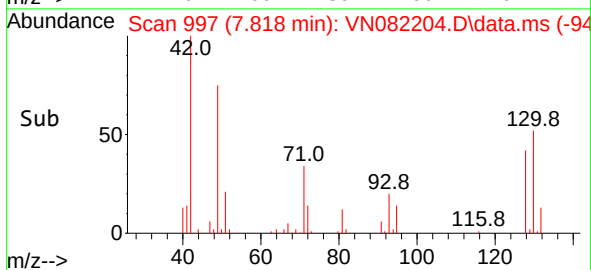
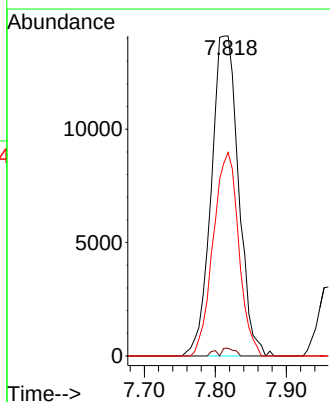
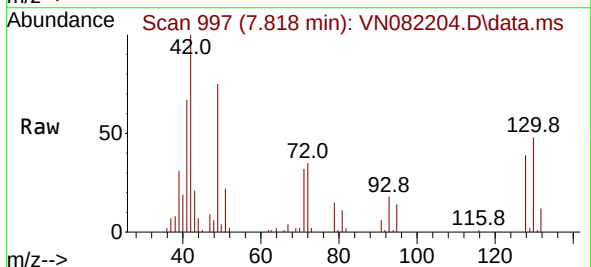
Manual Integrations
APPROVED

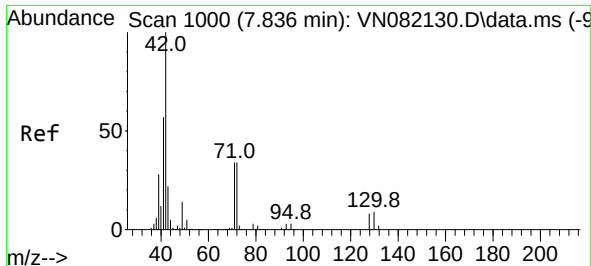
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#28
Bromochloromethane
Concen: 18.401 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 49 Resp: 37577
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.6
130 59.6 66.7 100.1#





#29

Tetrahydrofuran

Concen: 101.901 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.001 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 42 Resp: 116189

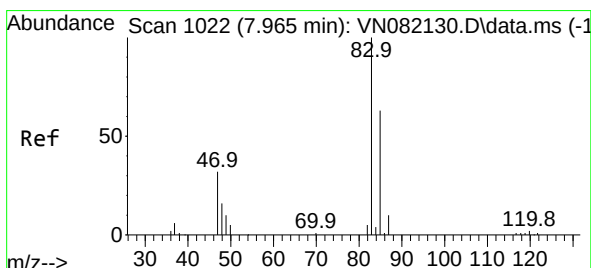
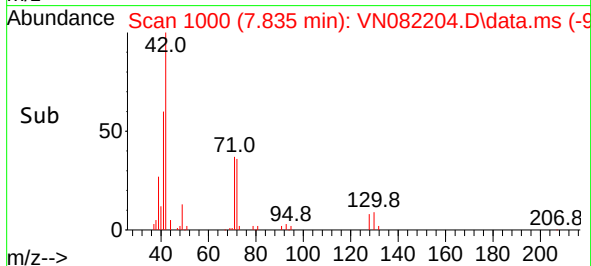
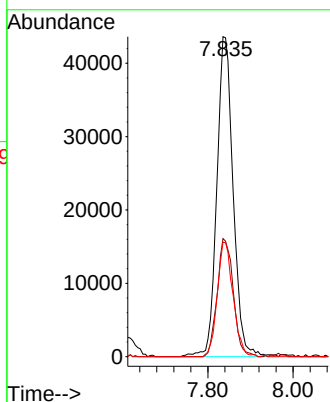
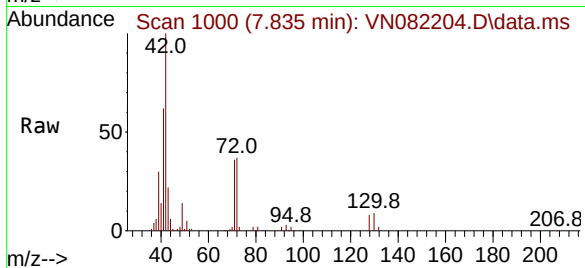
Ion	Ratio	Lower	Upper
42	100		
72	36.4	39.3	58.9
71	34.5	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#30

Chloroform

Concen: 19.910 ug/l

RT: 7.965 min Scan# 1022

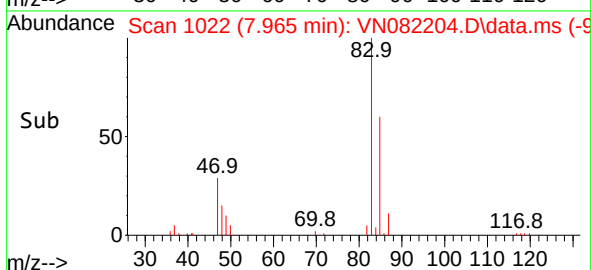
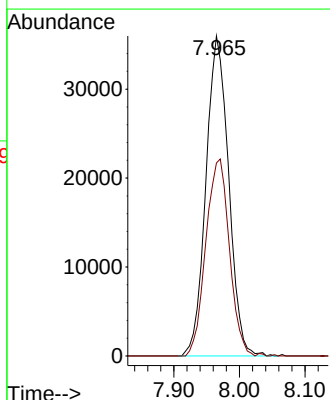
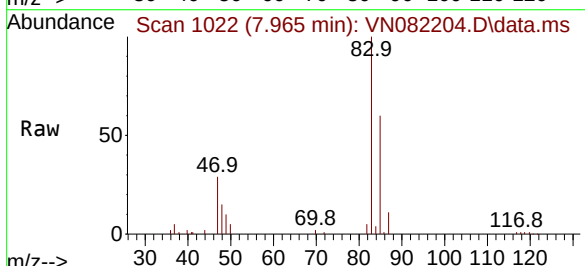
Delta R.T. -0.000 min

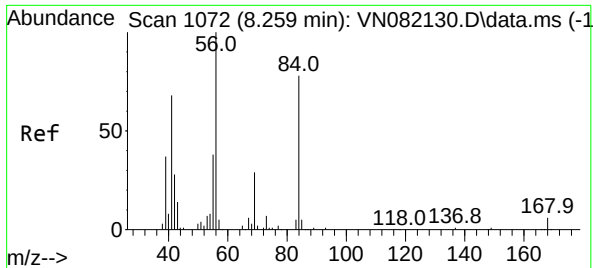
Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion: 83 Resp: 86525

Ion	Ratio	Lower	Upper
83	100		
85	60.3	50.7	76.1





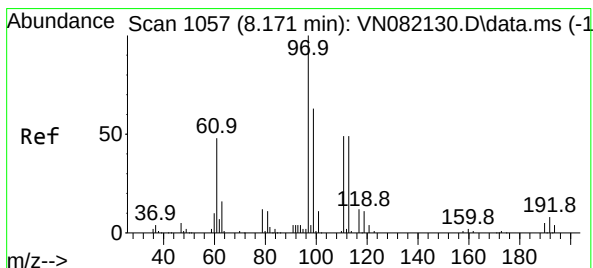
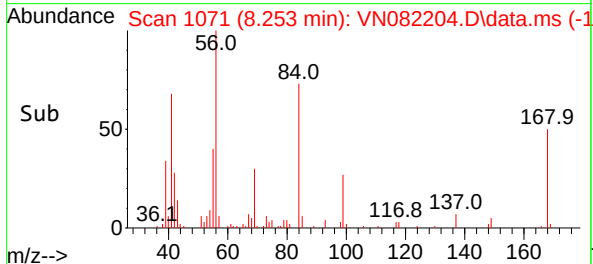
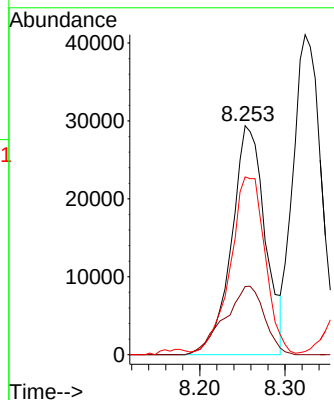
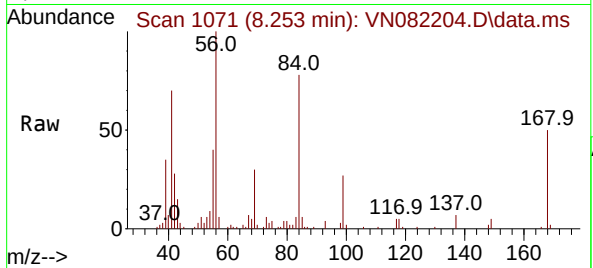
#31
Cyclohexane
Concen: 17.637 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion: 56 Resp: 8043
Ion Ratio Lower Upper
56 100
69 29.7 24.4 36.6
84 75.3 77.0 115.4

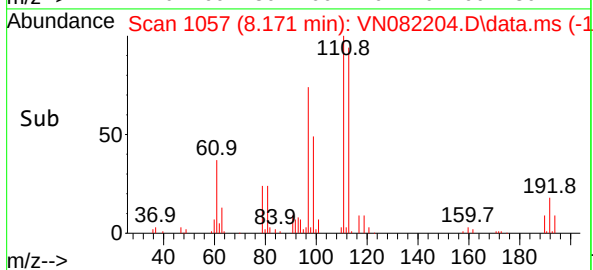
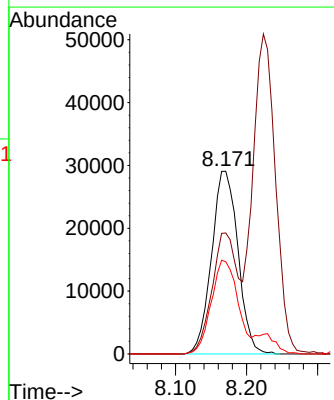
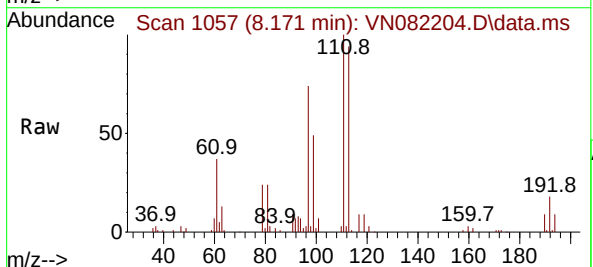
Manual Integrations
APPROVED

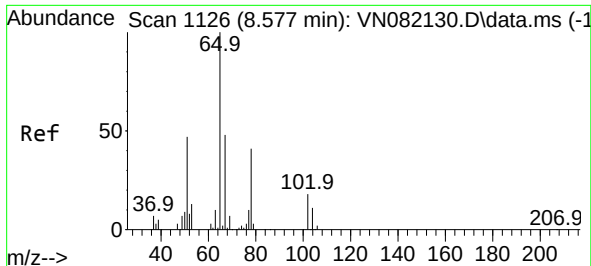
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#32
1,1,1-Trichloroethane
Concen: 19.455 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 97 Resp: 75006
Ion Ratio Lower Upper
97 100
99 65.5 50.3 75.5
61 51.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.200 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 65 Resp: 134772

Ion Ratio Lower Upper

65 100

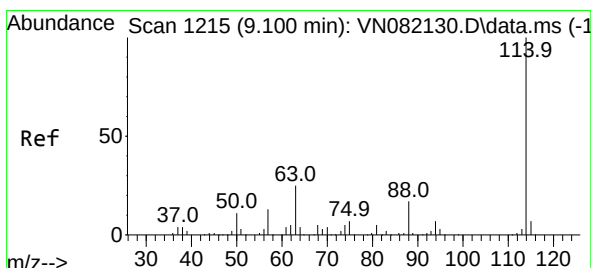
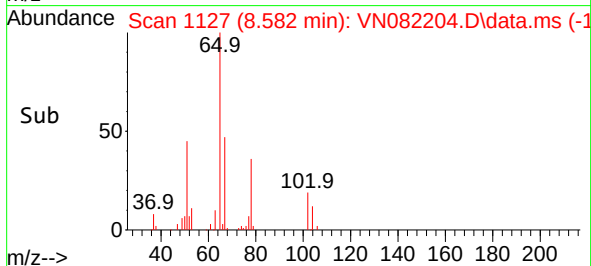
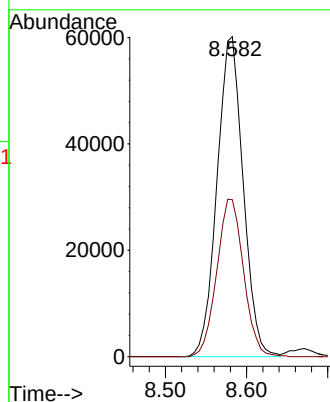
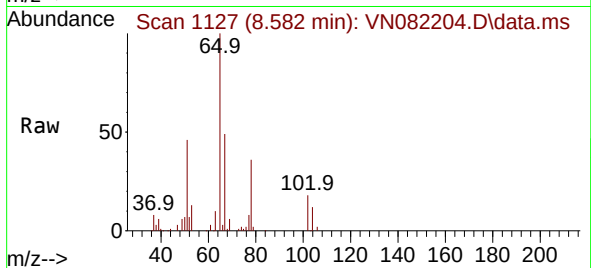
67 50.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

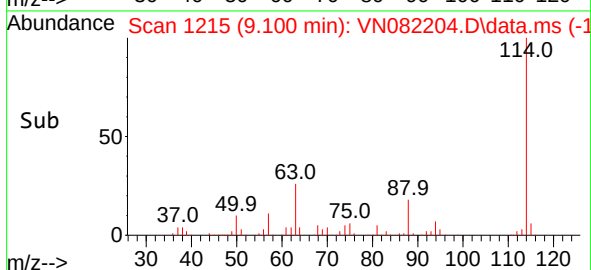
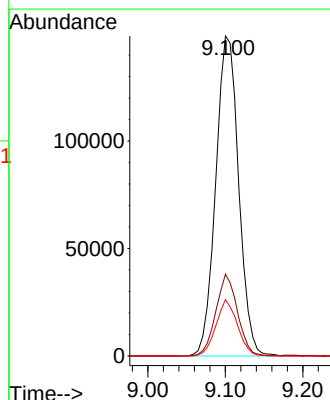
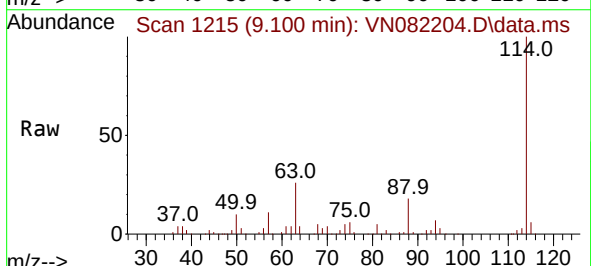
Tgt Ion:114 Resp: 306443

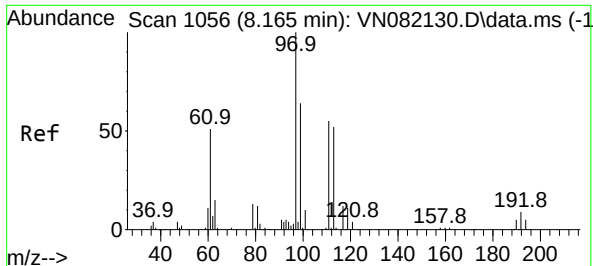
Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 17.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.147 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

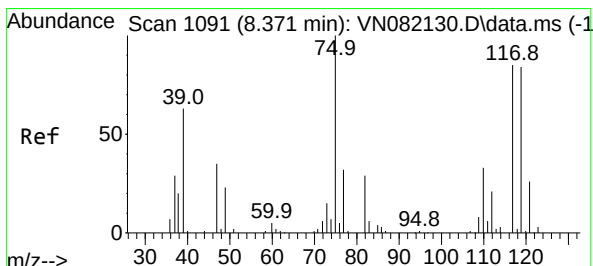
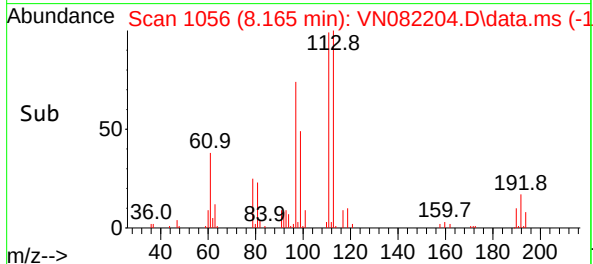
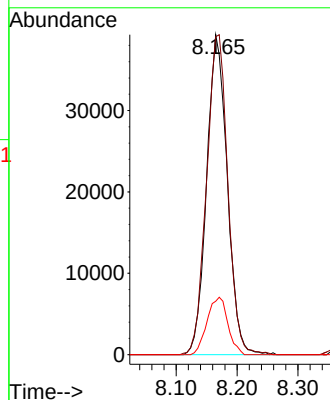
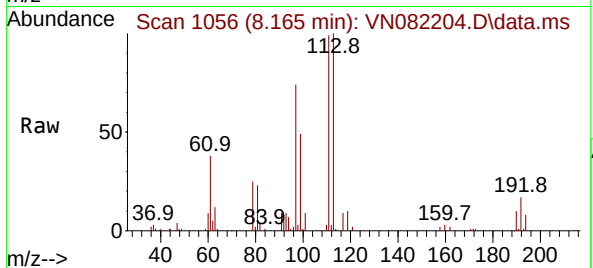
Tgt Ion:	113	Resp:	92640
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.4	125.2
192	18.1	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#36

1,1-Dichloropropene

Concen: 18.847 ug/l

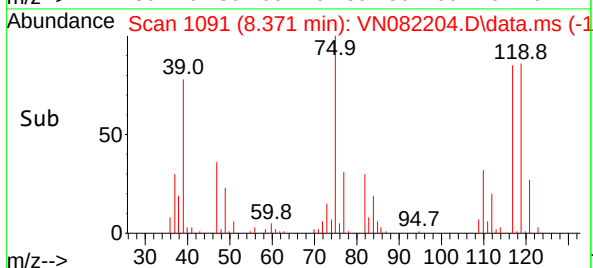
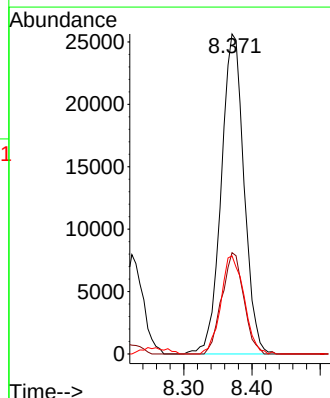
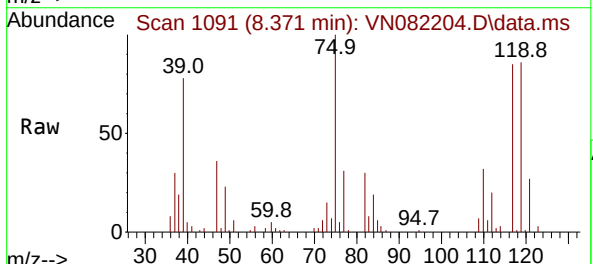
RT: 8.371 min Scan# 1091

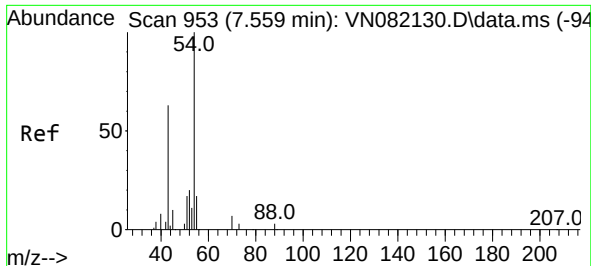
Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion:	75	Resp:	59587
Ion Ratio	Lower	Upper	
75	100		
110	30.4	17.8	53.5
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 20.289 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082204.D

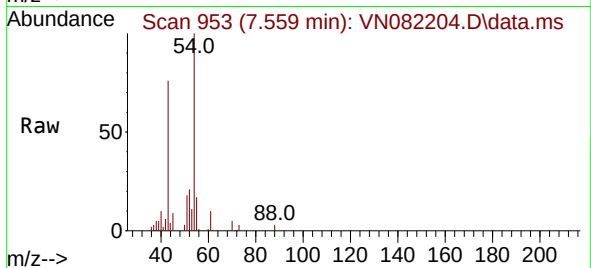
Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01



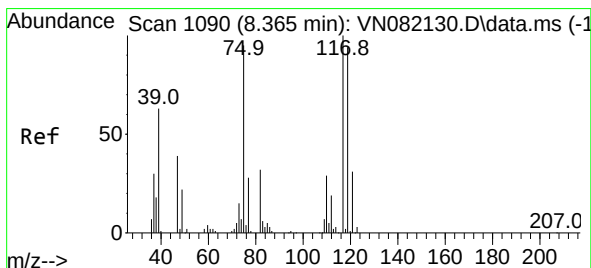
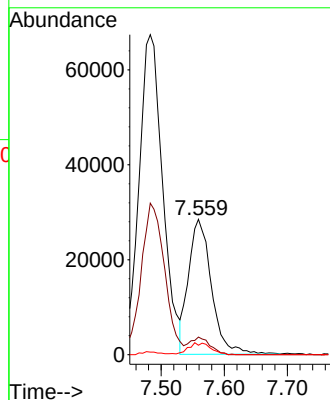
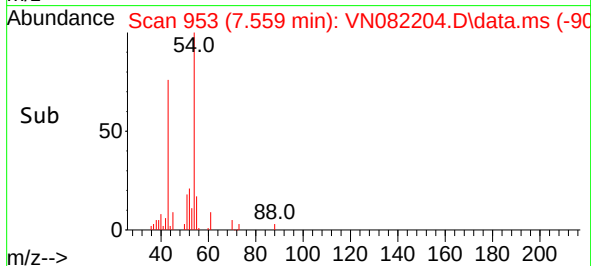
Tgt Ion:	43	Resp:	7178
Ion	Ratio	Lower	Upper
43	100		
61	11.5	11.3	16.9
70	8.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#38

Carbon Tetrachloride

Concen: 19.600 ug/l

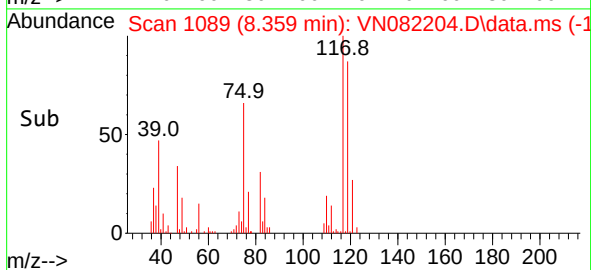
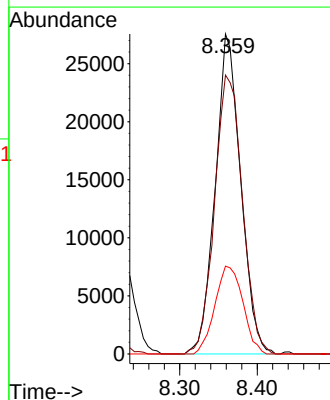
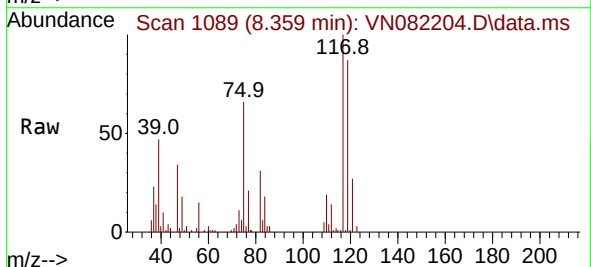
RT: 8.359 min Scan# 1089

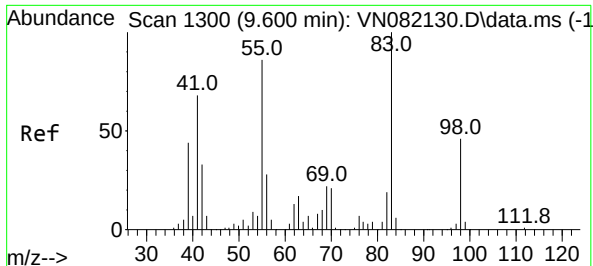
Delta R.T. -0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion:	117	Resp:	62816
Ion	Ratio	Lower	Upper
117	100		
119	87.2	76.5	114.7
121	27.5	23.9	35.9





#39

Methylcyclohexane

Concen: 18.205 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 83 Resp: 63089

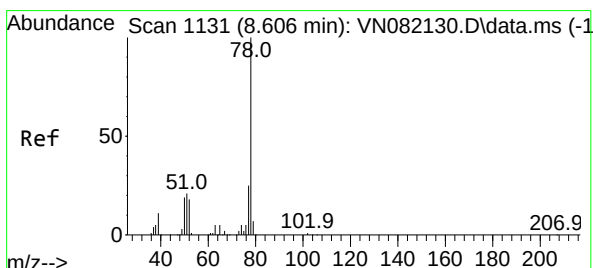
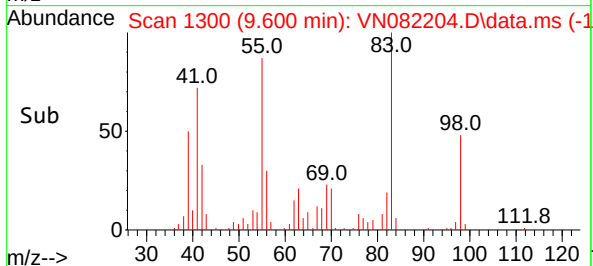
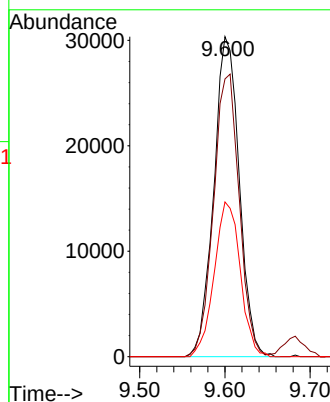
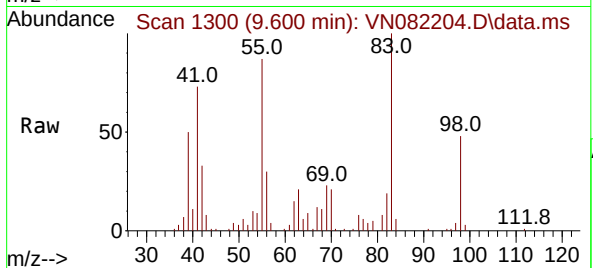
Ion	Ratio	Lower	Upper
83	100		
55	86.8	53.0	79.6
98	48.3	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#40

Benzene

Concen: 19.830 ug/l

RT: 8.606 min Scan# 1131

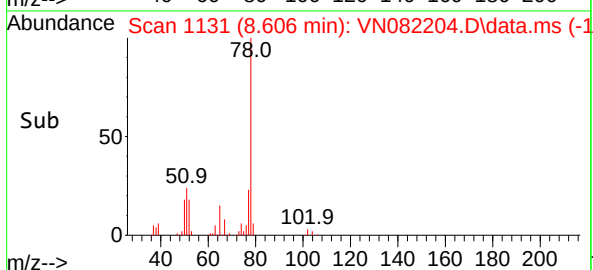
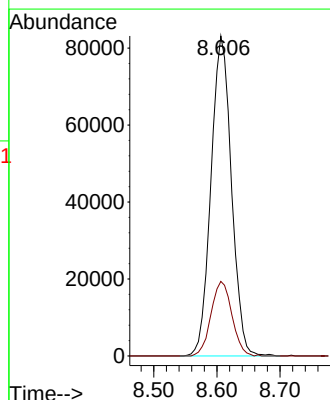
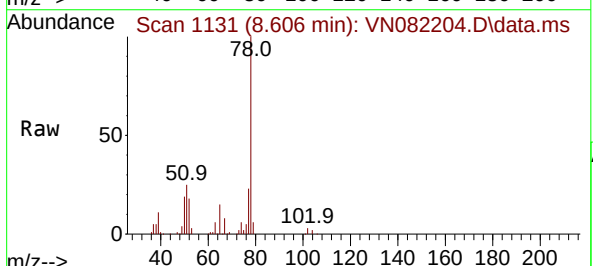
Delta R.T. -0.000 min

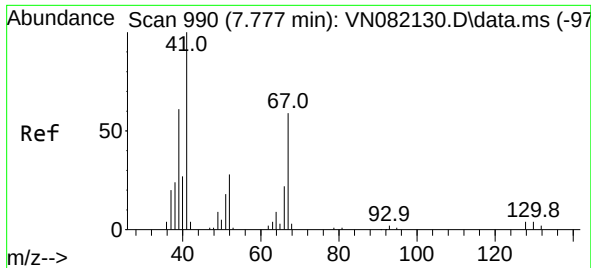
Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion: 78 Resp: 186952

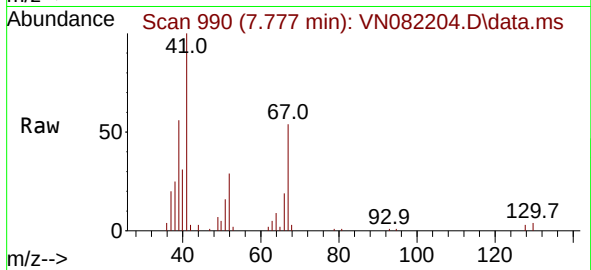
Ion	Ratio	Lower	Upper
78	100		
77	23.3	20.0	30.0





#41
Methacrylonitrile
Concen: 20.175 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

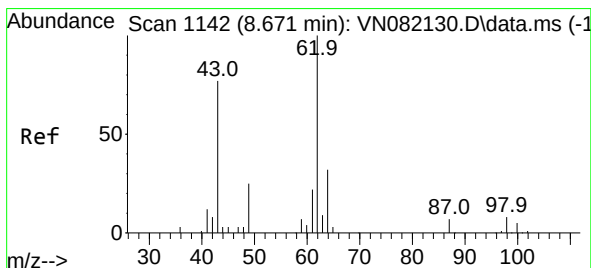
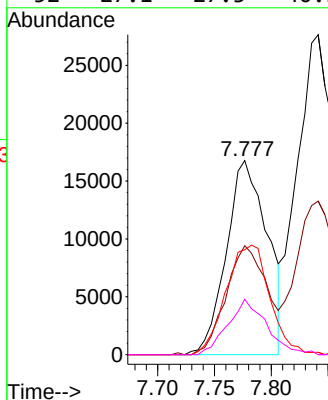
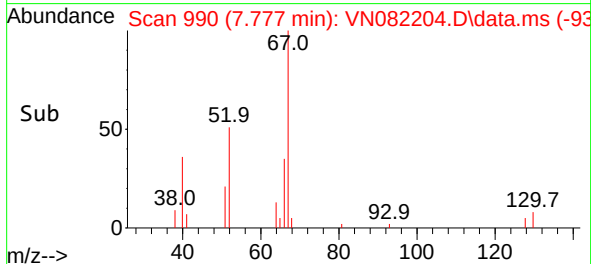
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 41 Resp: 4198
Ion Ratio Lower Upper
41 100
39 56.1 46.6 69.8
67 60.5 67.3 100.9
52 27.1 27.3 40.9#

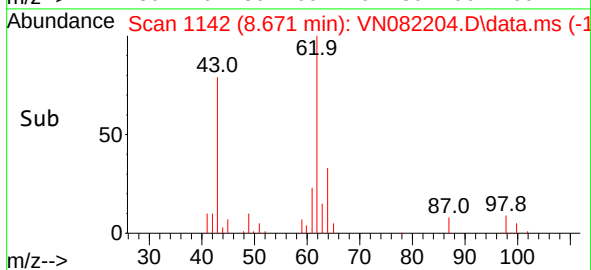
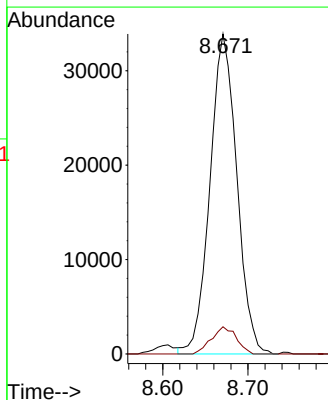
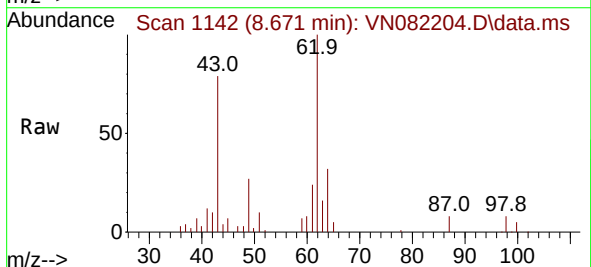
Manual Integrations
APPROVED

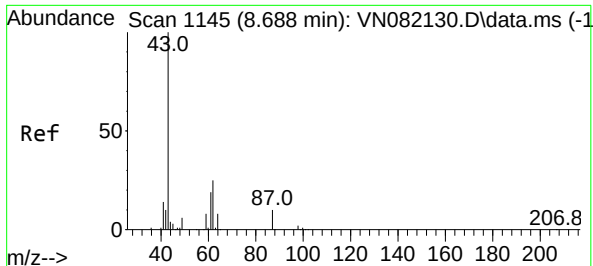
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#42
1,2-Dichloroethane
Concen: 20.480 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

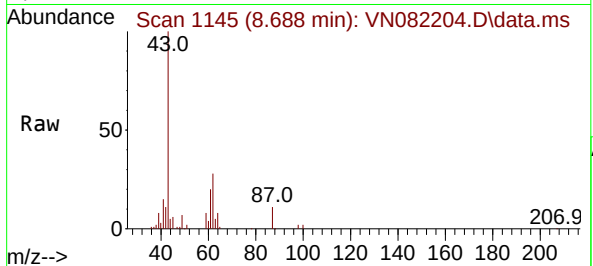
Tgt Ion: 62 Resp: 74262
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.6





#43
Isopropyl Acetate
Concen: 22.416 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

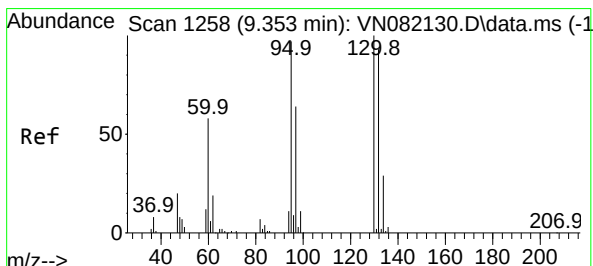
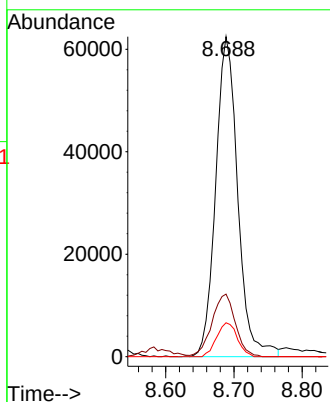
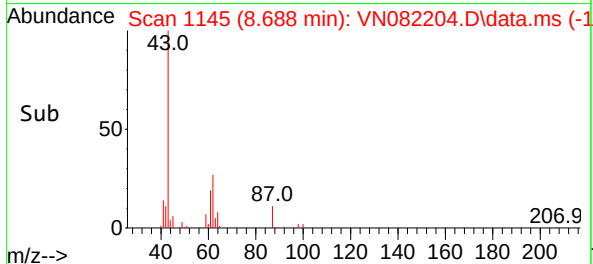
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 43 Resp: 140538
Ion Ratio Lower Upper
43 100
61 20.8 22.8 34.2
87 9.9 12.0 18.0

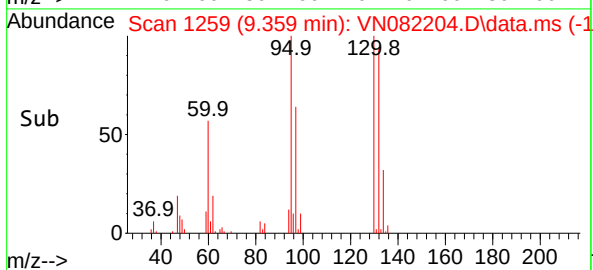
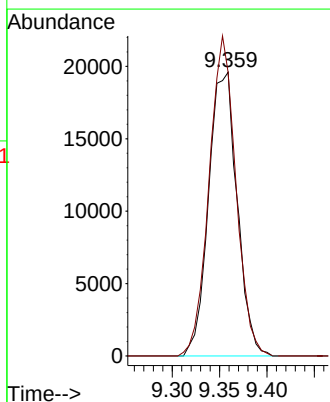
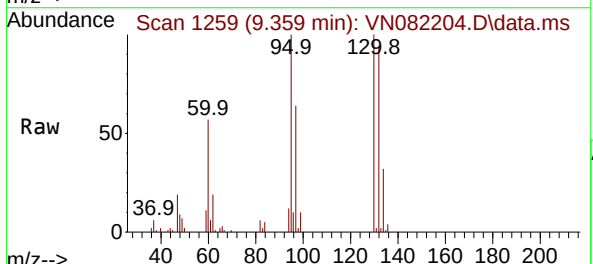
Manual Integrations
APPROVED

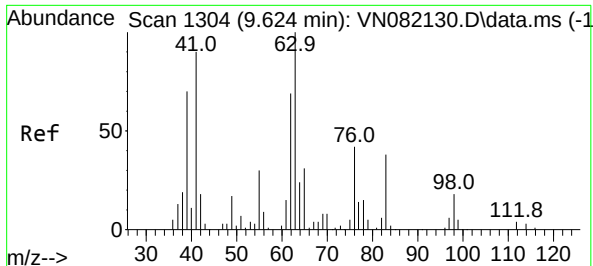
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#44
Trichloroethene
Concen: 19.191 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:130 Resp: 41099
Ion Ratio Lower Upper
130 100
95 99.9 0.0 195.4





#45

1,2-Dichloropropane

Concen: 20.128 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 63 Resp: 4896

Ion Ratio Lower Upper

63 100

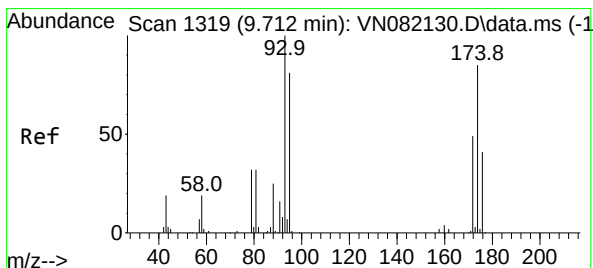
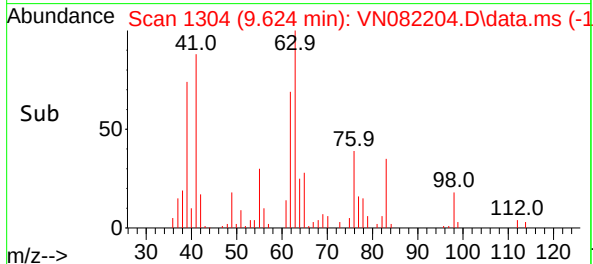
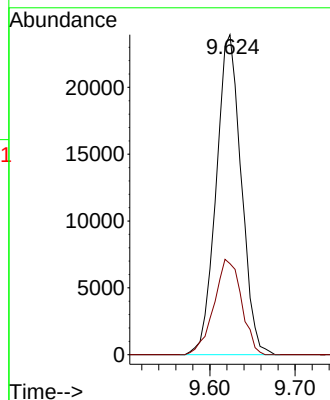
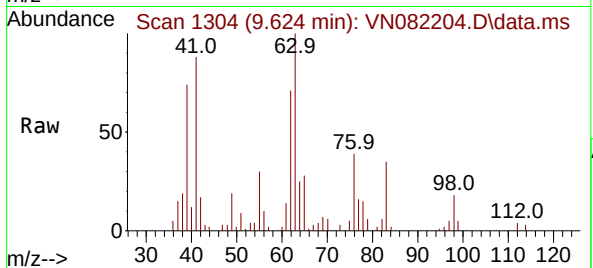
65 28.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#46

Dibromomethane

Concen: 20.314 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

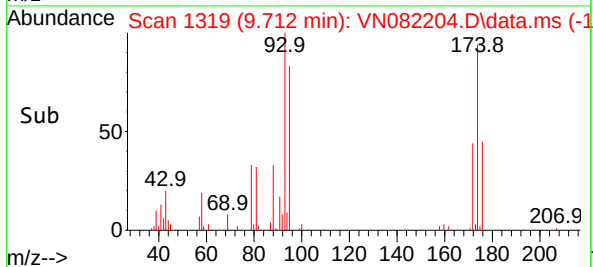
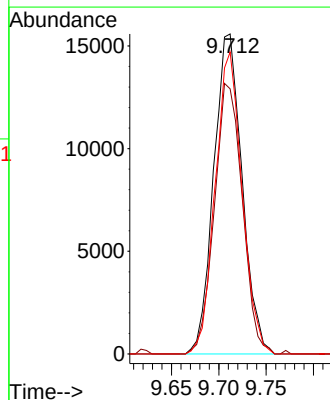
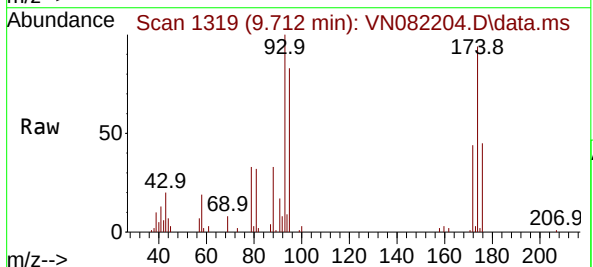
Tgt Ion: 93 Resp: 32442

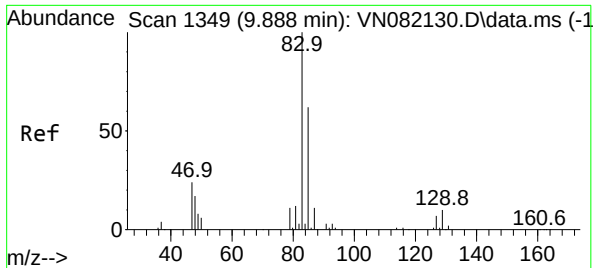
Ion Ratio Lower Upper

93 100

95 83.4 64.8 97.2

174 89.7 73.4 110.0





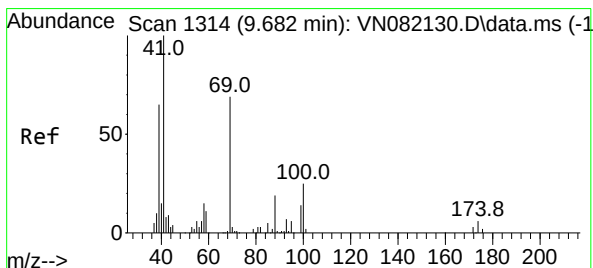
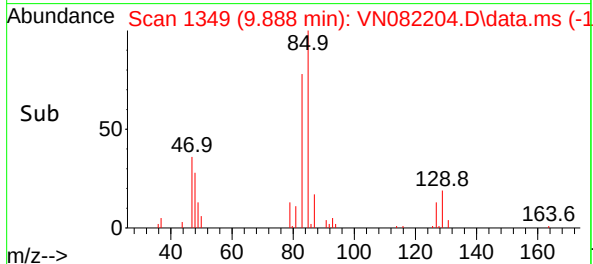
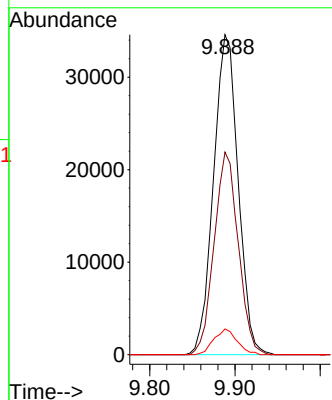
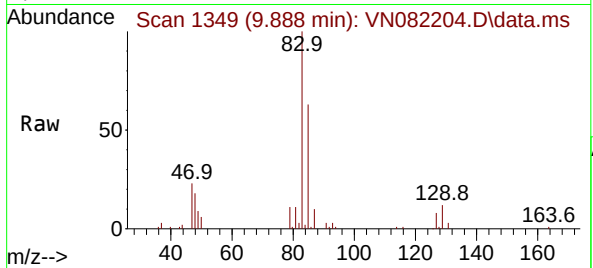
#47
Bromodichloromethane
Concen: 20.600 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion: 83 Resp: 6945
Ion Ratio Lower Upper
83 100
85 63.3 51.9 77.9
127 8.0 7.5 11.3

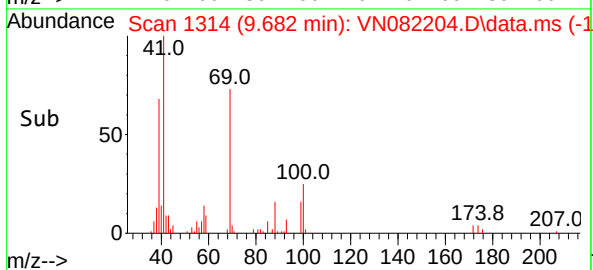
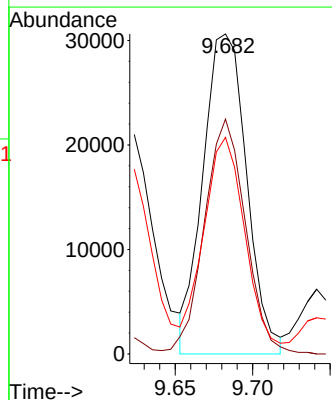
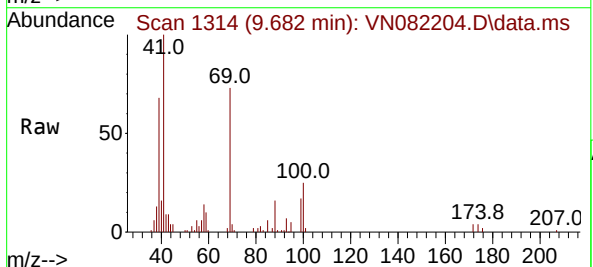
Manual Integrations
APPROVED

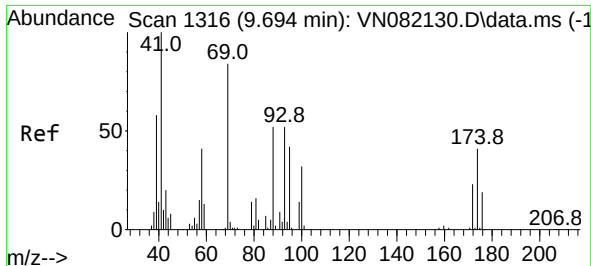
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#48
Methyl methacrylate
Concen: 20.091 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 41 Resp: 60019
Ion Ratio Lower Upper
41 100
69 69.3 77.9 116.9#
39 64.7 50.9 76.3





#49

1,4-Dioxane

Concen: 444.629 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

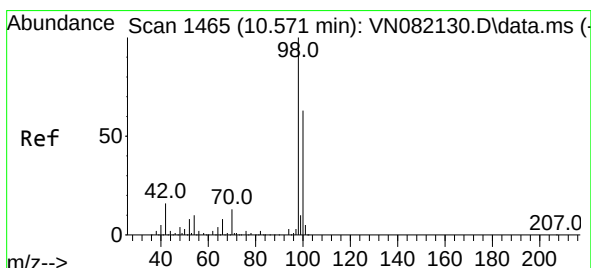
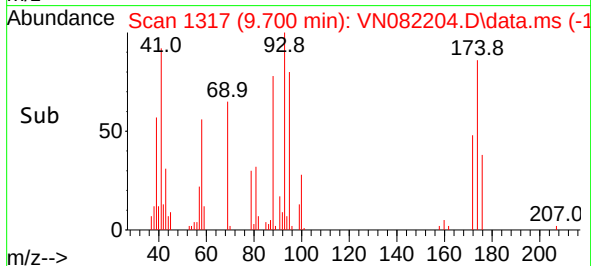
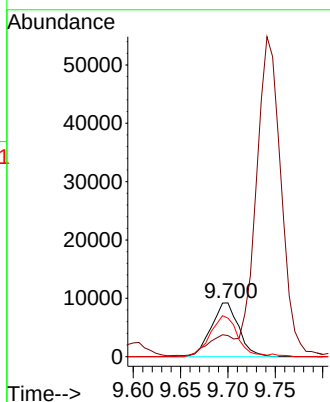
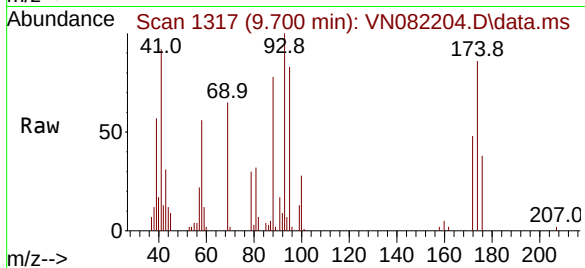
Tgt Ion: 88 Resp: 1861
 Ion Ratio Lower Upper
 88 100
 43 39.8 19.0 28.6
 58 77.7 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#50

Toluene-d8

Concen: 47.567 ug/l

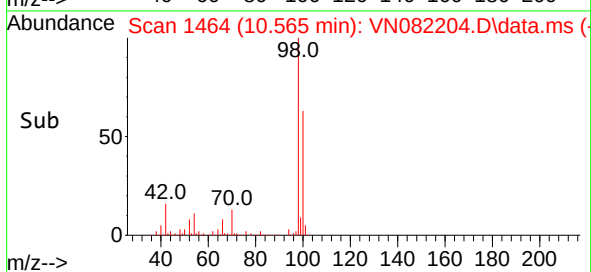
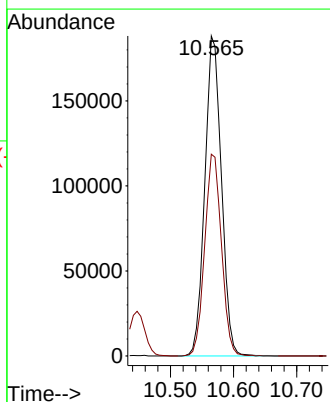
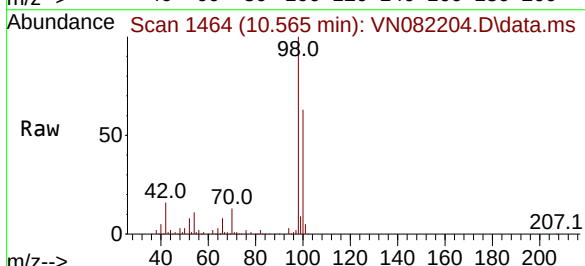
RT: 10.565 min Scan# 1464

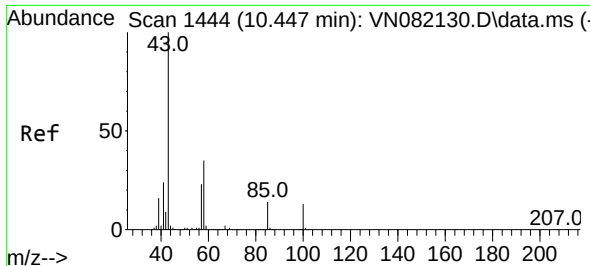
Delta R.T. -0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

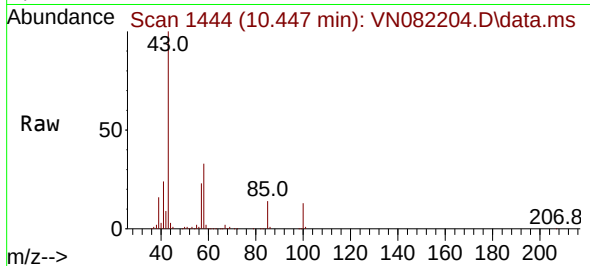
Tgt Ion: 98 Resp: 343779
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 105.300 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

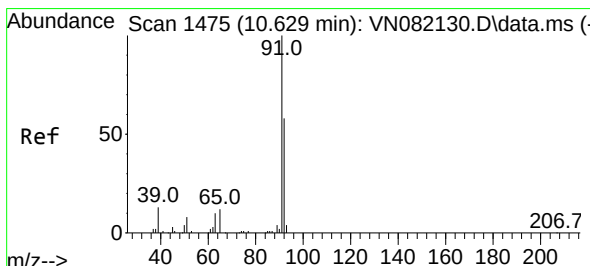
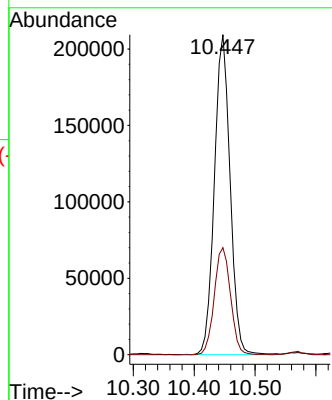
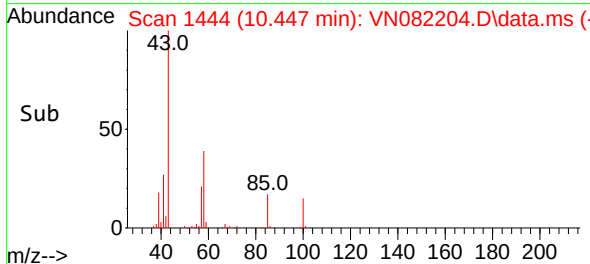
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 43 Resp: 375092
Ion Ratio Lower Upper
43 100
58 34.6 33.2 49.8

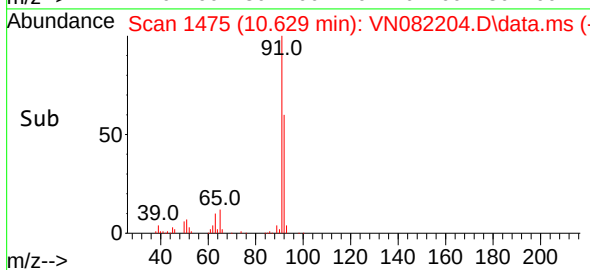
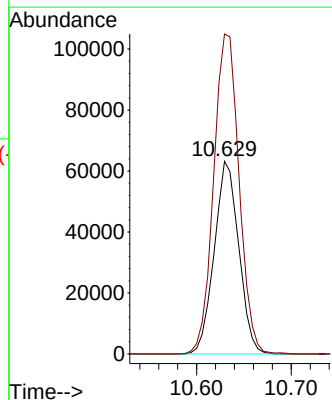
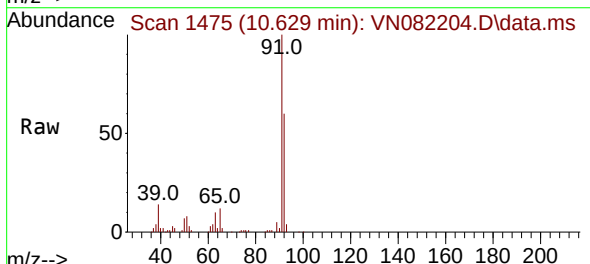
Manual Integrations
APPROVED

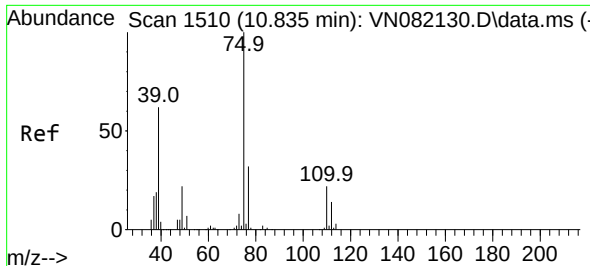
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#52
Toluene
Concen: 20.071 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

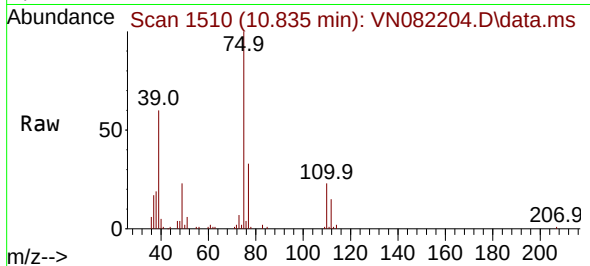
Tgt Ion: 92 Resp: 113557
Ion Ratio Lower Upper
92 100
91 172.6 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 20.425 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

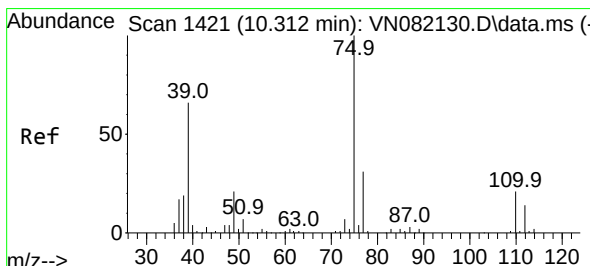
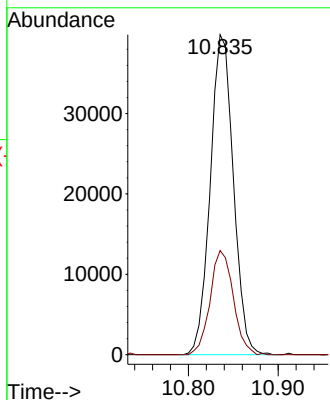
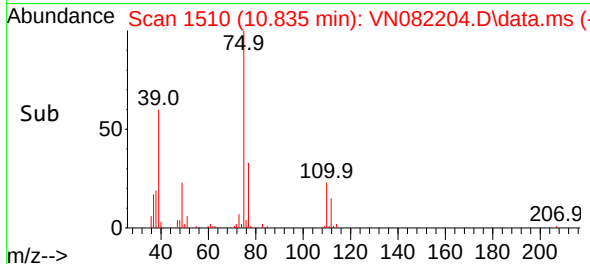
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01



Tgt Ion: 75 Resp: 71219
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0

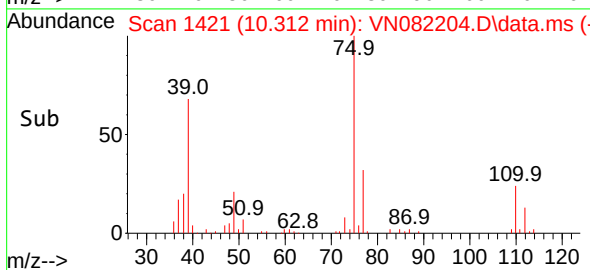
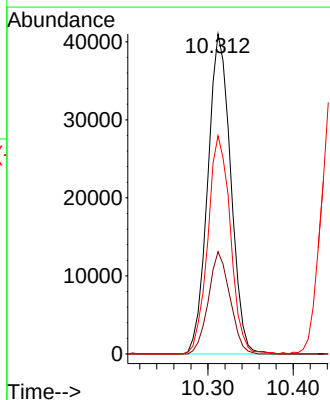
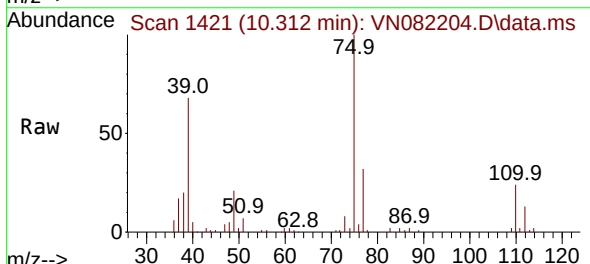
Manual Integrations
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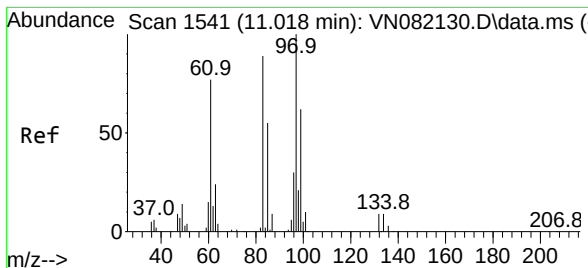
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.795 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

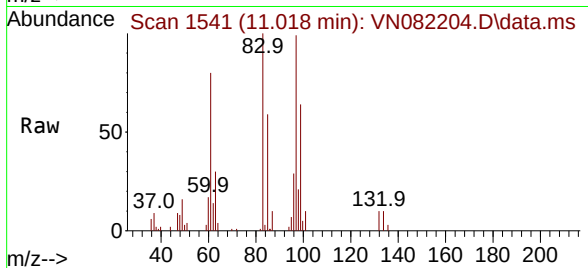
Tgt Ion: 75 Resp: 76751
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4
 39 68.2 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 20.370 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

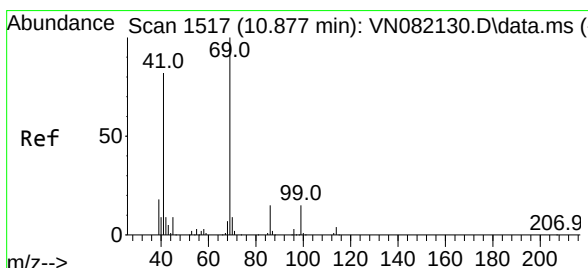
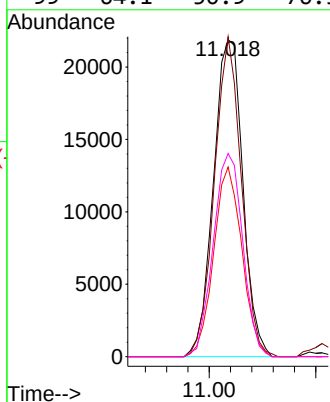
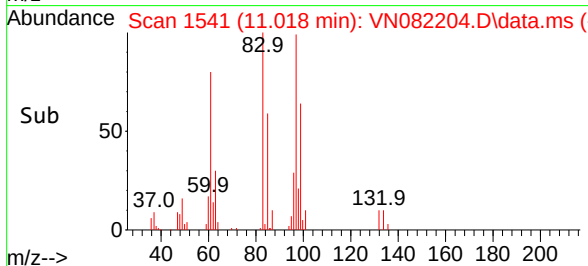
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



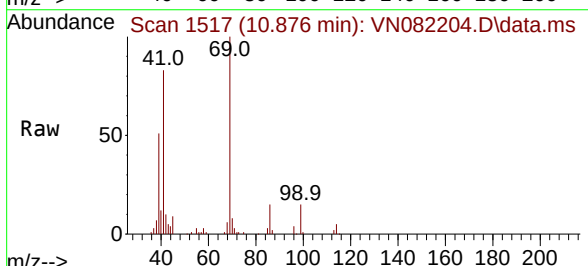
Tgt Ion: 97 Resp: 4188
Ion Ratio Lower Upper
97 100
83 100.9 70.4 105.6
85 59.8 45.6 68.4
99 64.1 50.9 76.3

Manual Integrations
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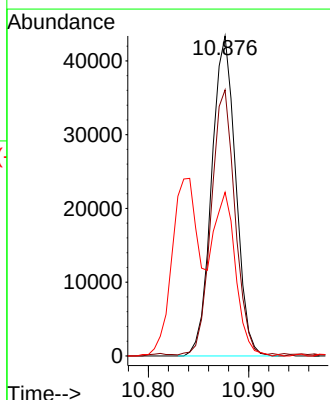
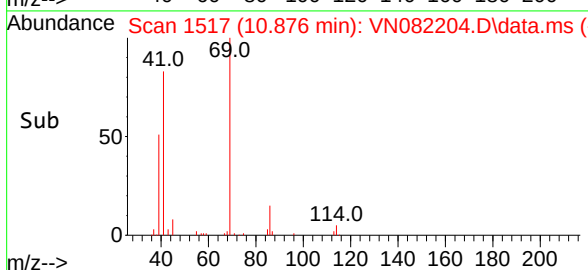
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

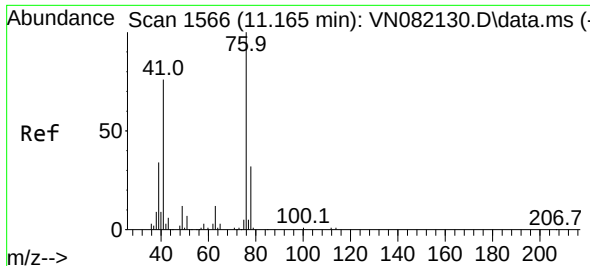


#56
Ethyl methacrylate
Concen: 20.658 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion: 69 Resp: 72114
Ion Ratio Lower Upper
69 100
41 81.6 46.6 70.0#
39 46.5 26.5 39.7#





#57

1,3-Dichloropropane

Concen: 20.571 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 76 Resp: 7908

Ion Ratio Lower Upper

76 100

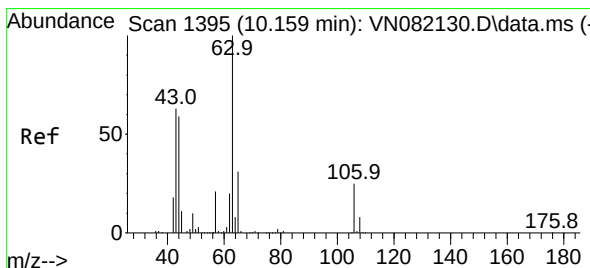
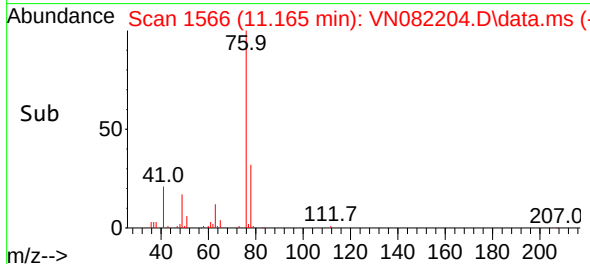
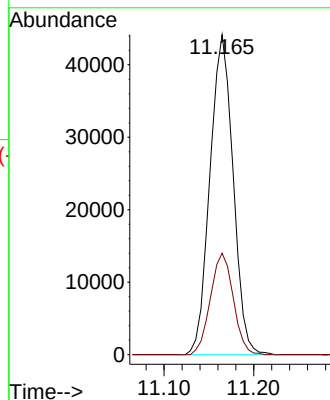
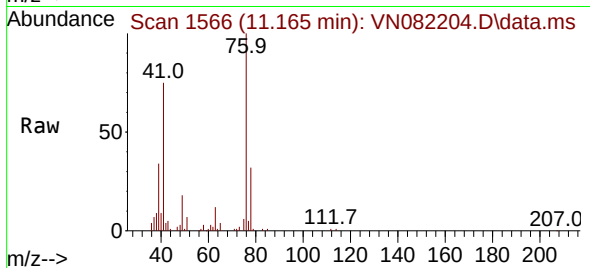
78 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.744 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN082204.D

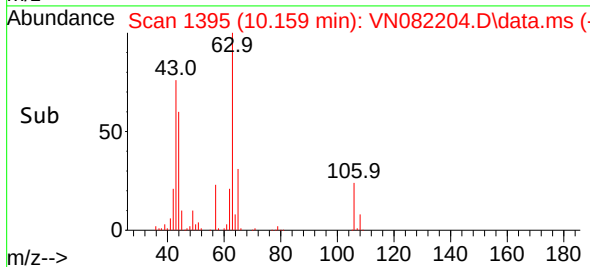
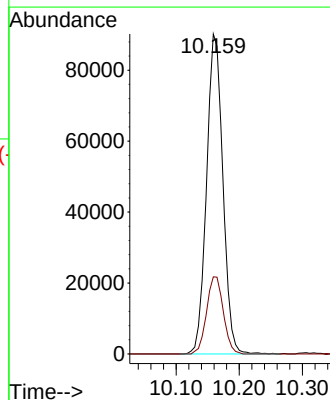
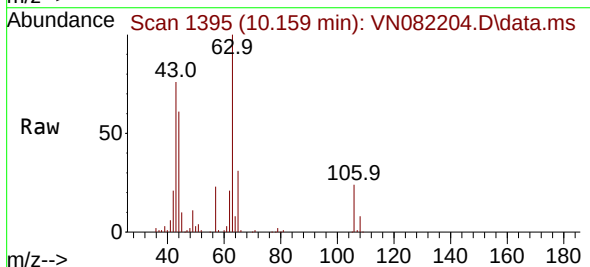
Acq: 20 May 2024 12:58

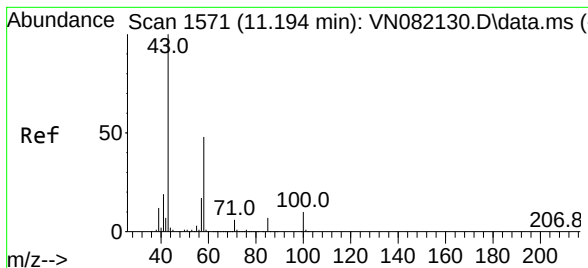
Tgt Ion: 63 Resp: 161588

Ion Ratio Lower Upper

63 100

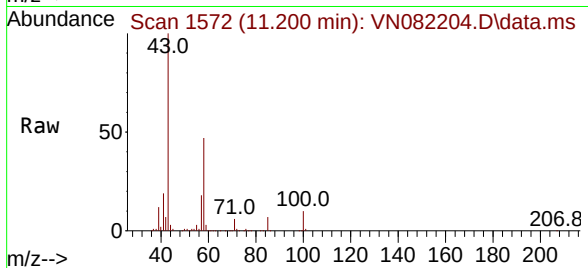
106 24.7 24.6 36.8





#59
2-Hexanone
Concen: 104.828 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

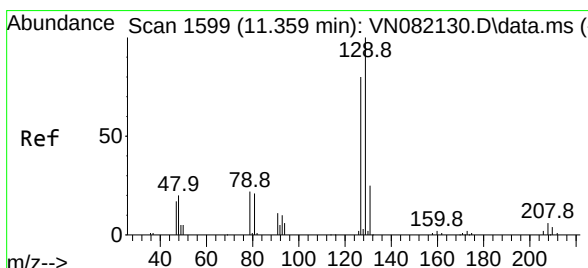
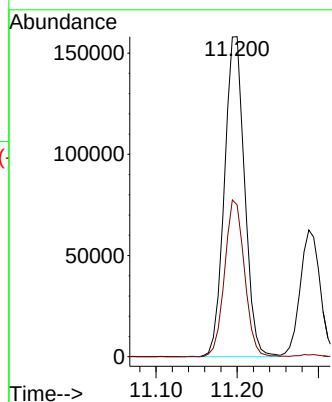
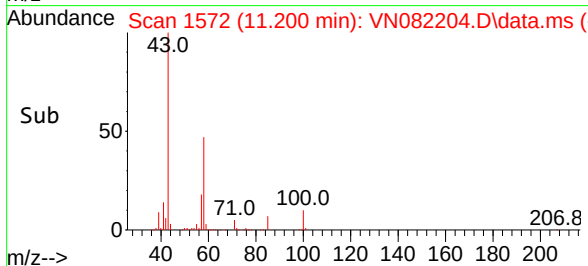
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 43 Resp: 273414
Ion Ratio Lower Upper
43 100
58 48.2 28.3 84.9

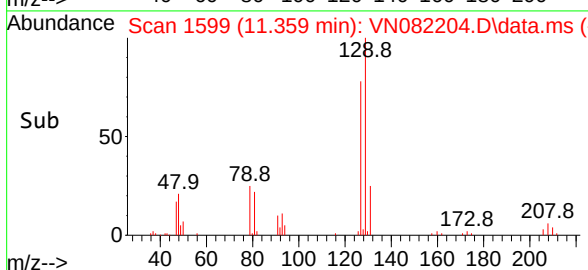
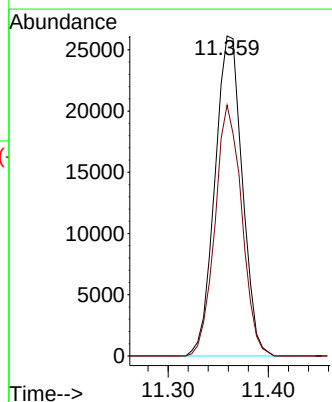
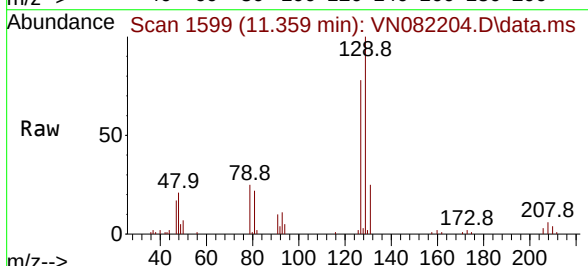
Manual Integrations
APPROVED

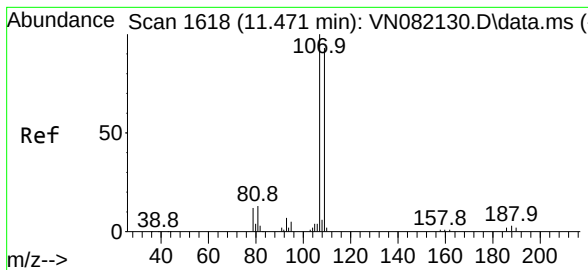
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#60
Dibromochloromethane
Concen: 21.883 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

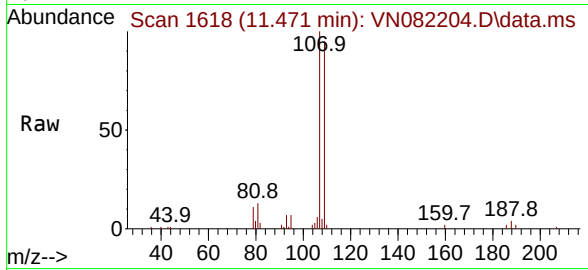
Tgt Ion:129 Resp: 49653
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61
1,2-Dibromoethane
Concen: 20.044 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

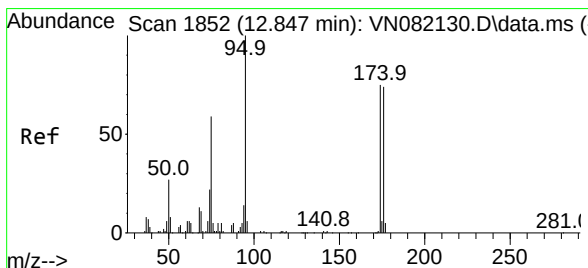
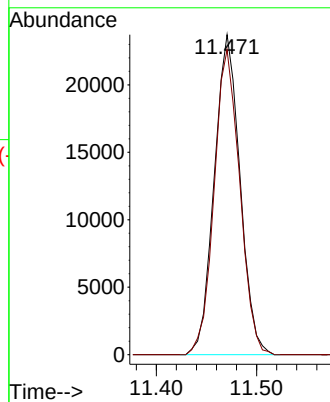
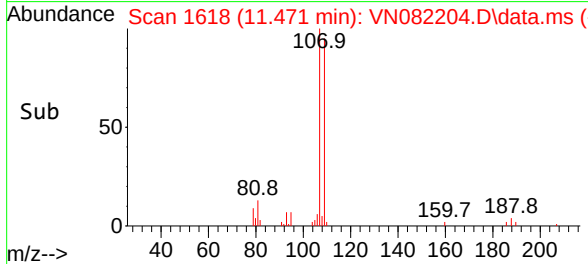
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



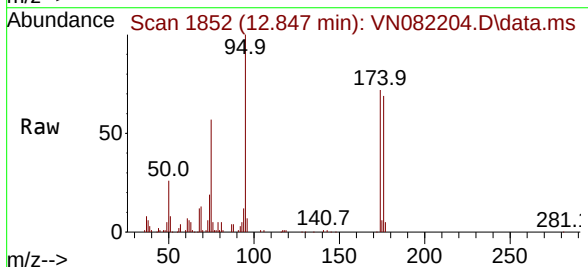
Tgt Ion:107 Resp: 42330
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.6

Manual Integrations
APPROVED

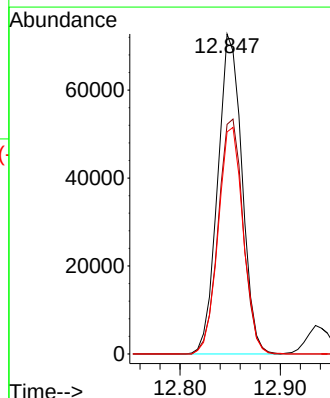
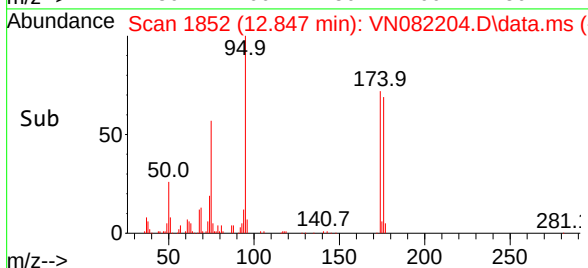
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

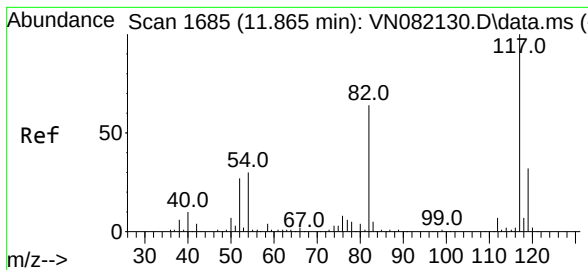


#62
4-Bromofluorobenzene
Concen: 47.452 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



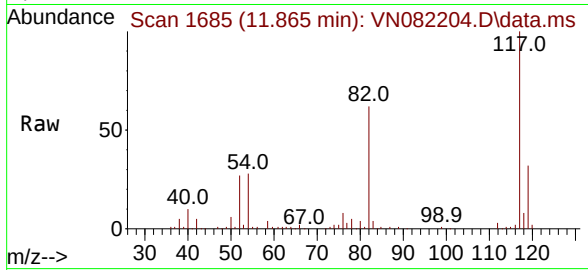
Tgt Ion: 95 Resp: 122406
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 72.8 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

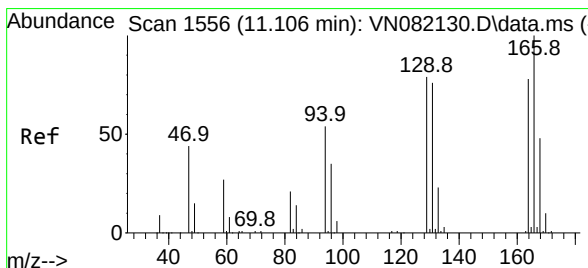
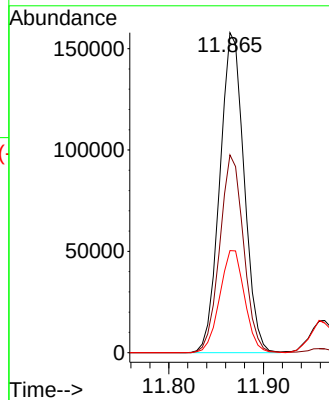
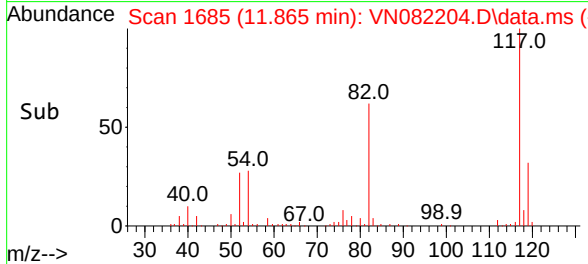
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion:117 Resp: 28131
Ion Ratio Lower Upper
117 100
82 61.8 44.6 66.8
119 31.9 25.9 38.9

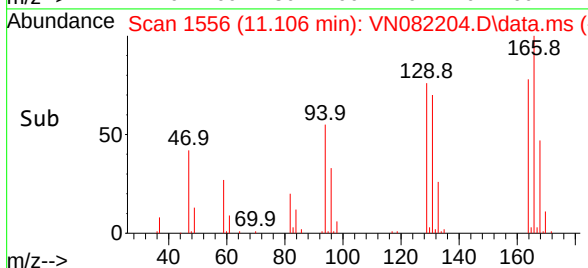
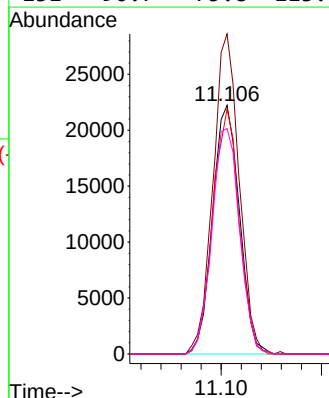
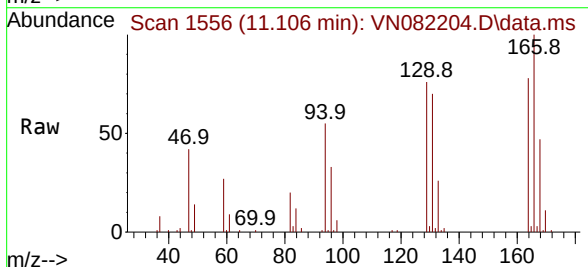
Manual Integrations
APPROVED

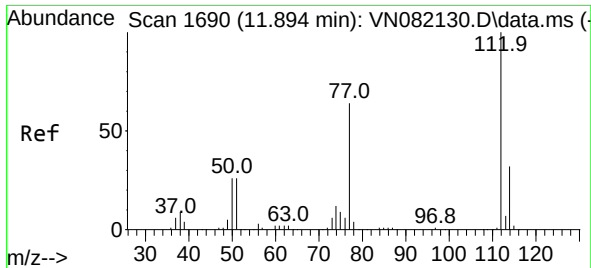
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#64
Tetrachloroethene
Concen: 19.861 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

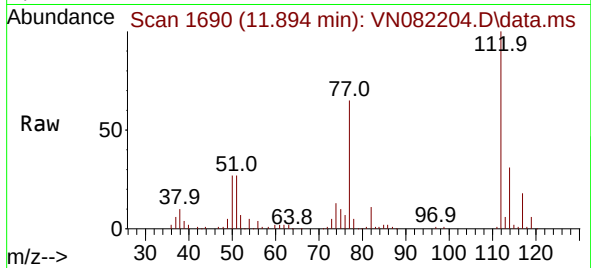
Tgt Ion:164 Resp: 41412
Ion Ratio Lower Upper
164 100
166 128.7 97.6 146.4
129 98.5 73.7 110.5
131 90.7 75.8 113.6





#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

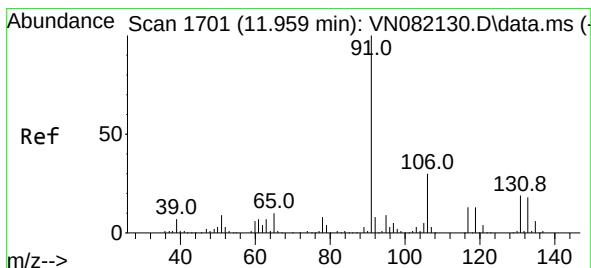
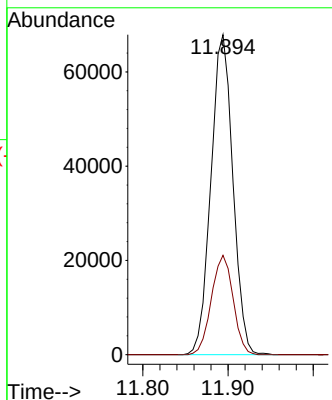
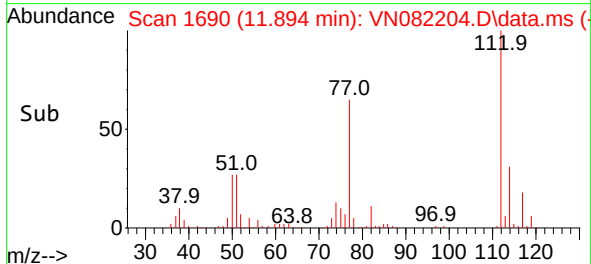
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



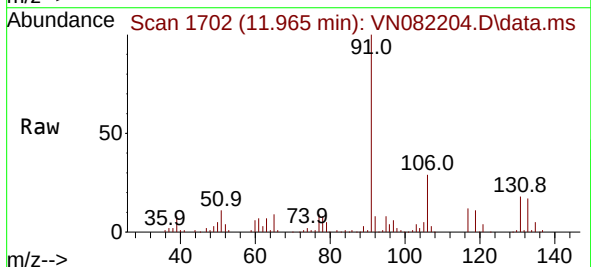
Tgt Ion:112 Resp: 12154
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

Manual Integrations
APPROVED

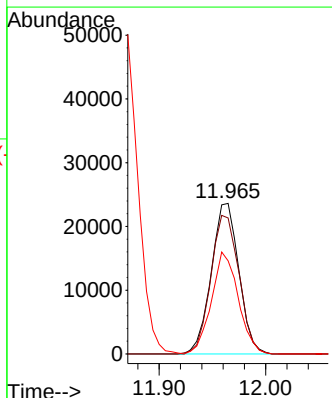
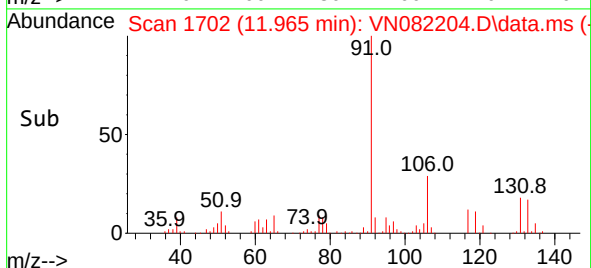
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

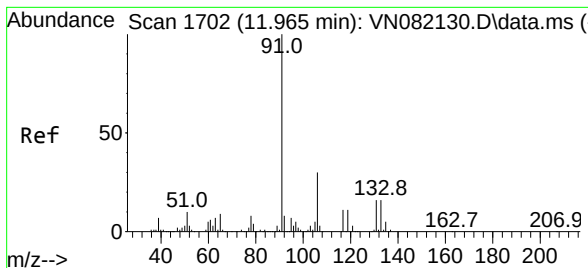


#66
1,1,1,2-Tetrachloroethane
Concen: 20.741 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



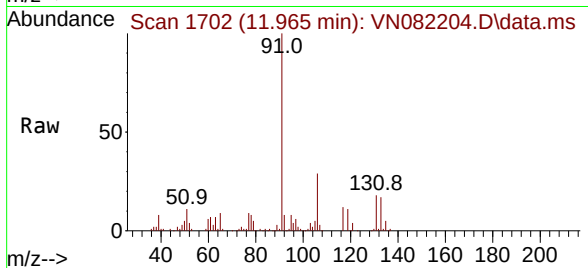
Tgt Ion:131 Resp: 42459
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 65.8 32.9 98.7





#67
Ethyl Benzene
Concen: 19.220 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

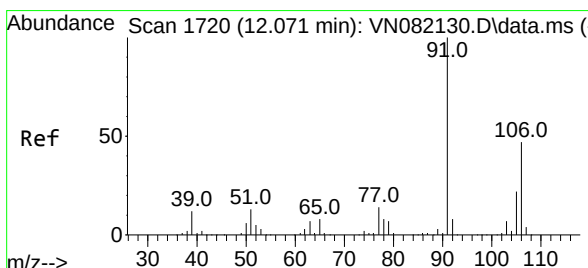
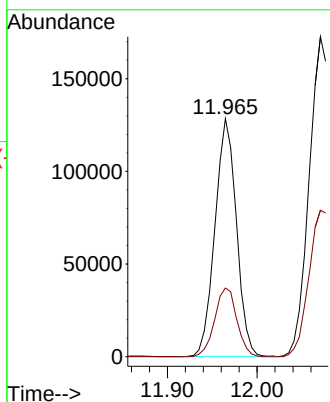
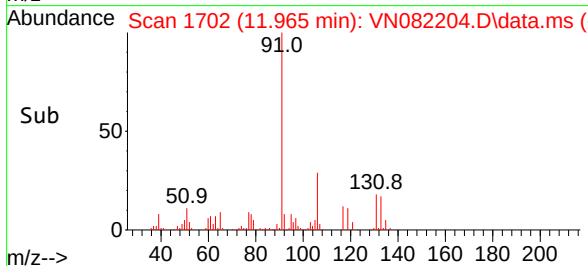
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



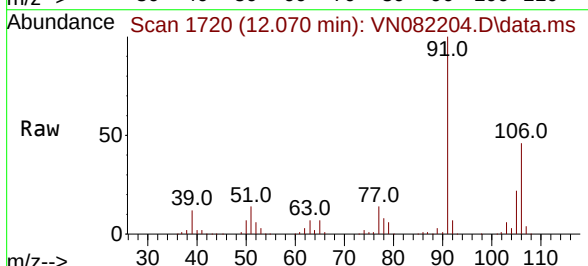
Tgt Ion: 91 Resp: 213675
Ion Ratio Lower Upper
91 100
106 28.8 25.3 37.9

Manual Integrations
APPROVED

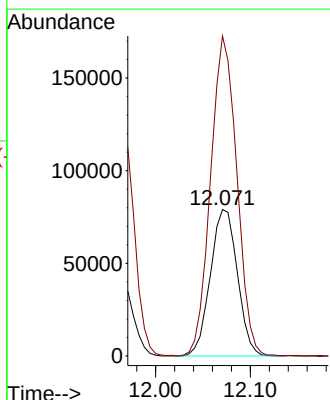
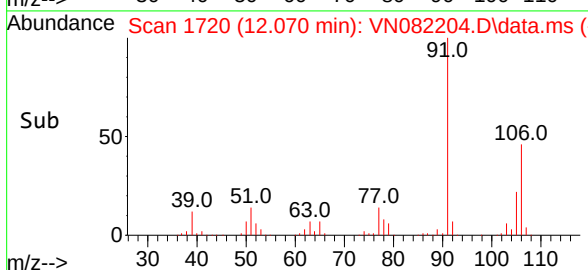
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

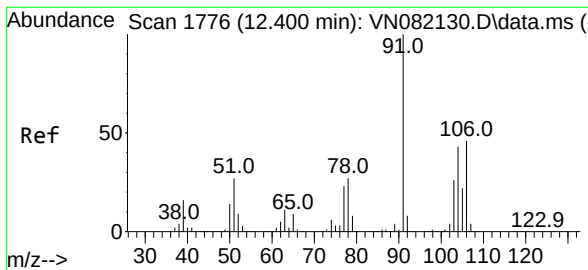


#68
m/p-Xylenes
Concen: 38.477 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion:106 Resp: 156775
Ion Ratio Lower Upper
106 100
91 212.9 159.4 239.0





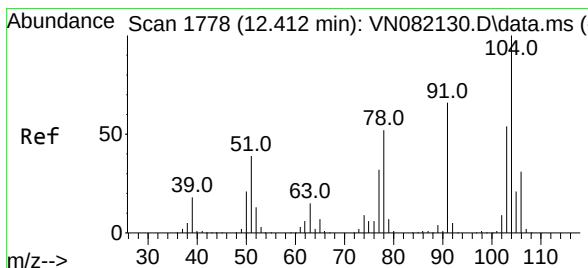
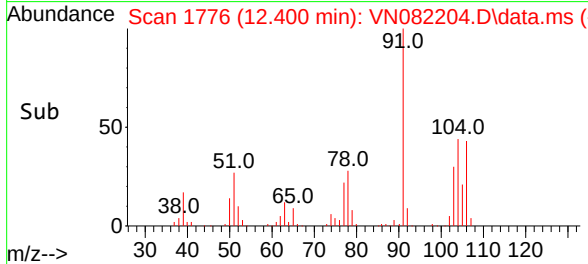
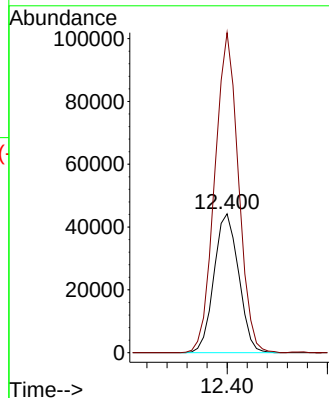
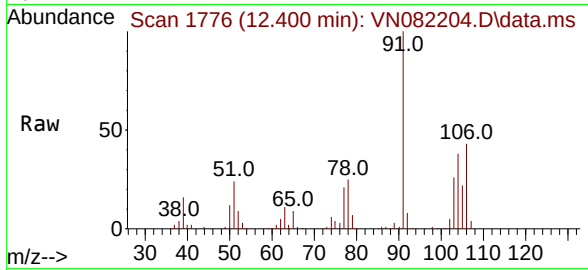
#69
o-Xylene
Concen: 19.097 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:106 Resp: 7537
Ion Ratio Lower Upper
106 100
91 221.5 104.7 314.1

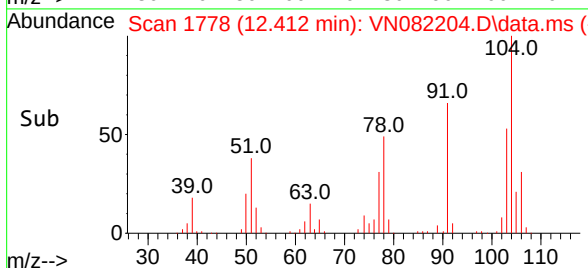
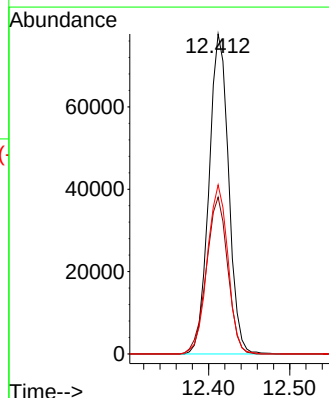
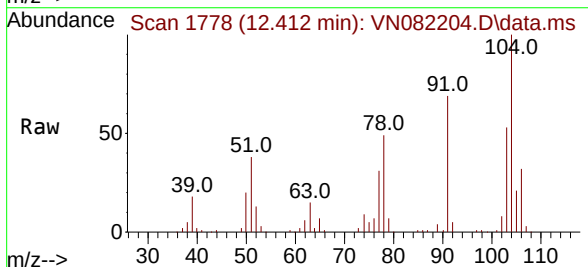
Manual Integrations
APPROVED

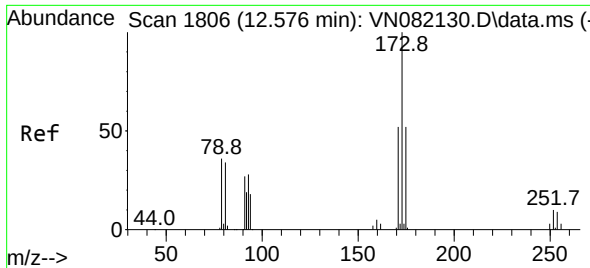
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#70
Styrene
Concen: 19.945 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:104 Resp: 130756
Ion Ratio Lower Upper
104 100
78 53.2 38.6 58.0
103 55.6 43.8 65.6





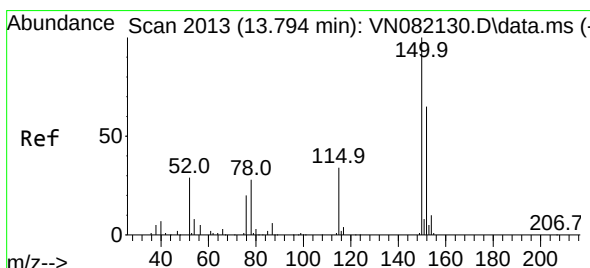
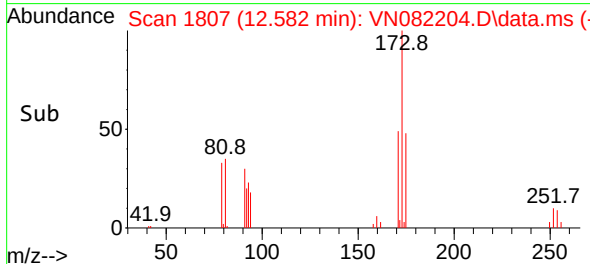
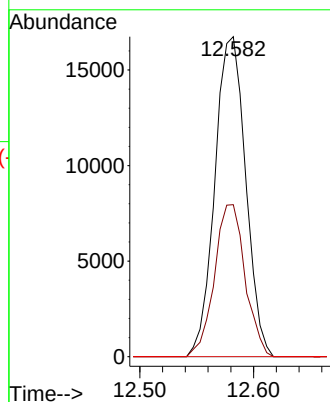
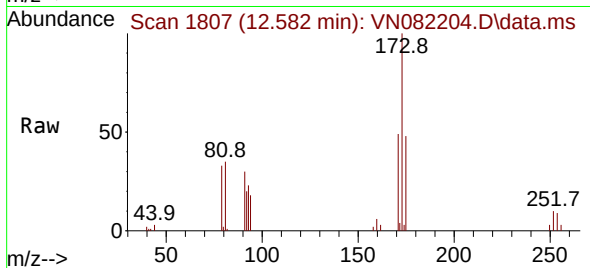
#71
Bromoform
Concen: 19.803 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:173 Resp: 3154
Ion Ratio Lower Upper
173 100
175 47.3 24.6 74.0
254 0.0 0.0 0.0

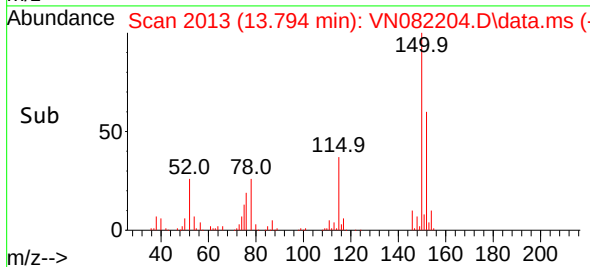
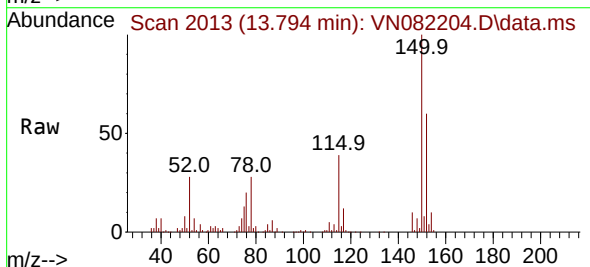
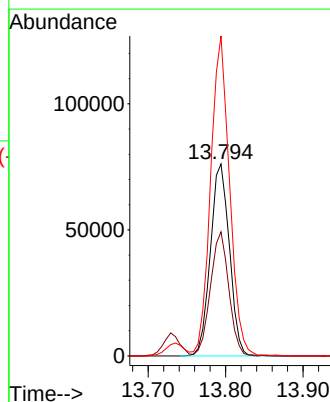
Manual Integrations
APPROVED

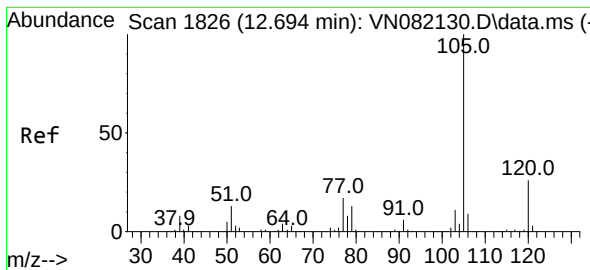
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:152 Resp: 129689
Ion Ratio Lower Upper
152 100
115 62.4 30.4 91.3
150 166.3 0.0 353.2





#73

Isopropylbenzene

Concen: 18.955 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion:105 Resp: 19529

Ion Ratio Lower Upper

105 100

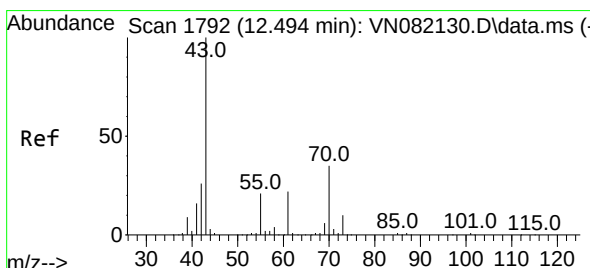
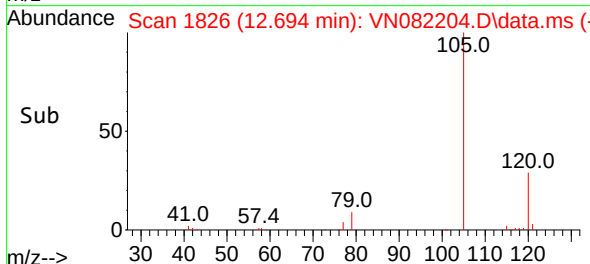
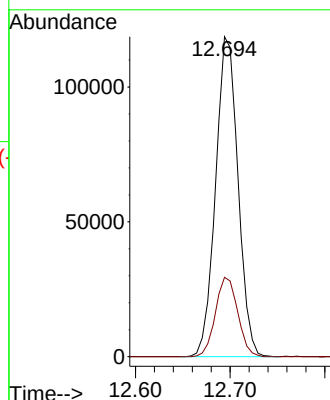
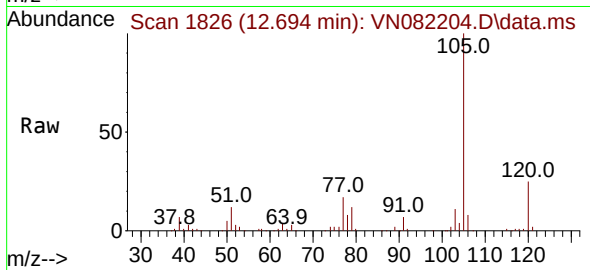
120 24.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#74

N-ethyl acetate

Concen: 18.798 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Tgt Ion: 43 Resp: 106535

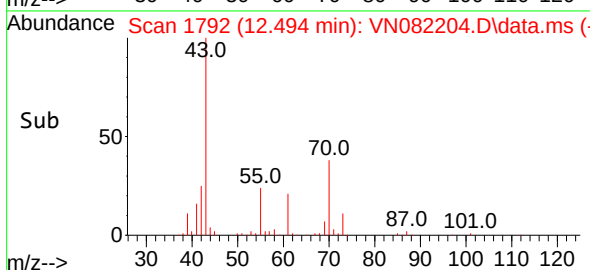
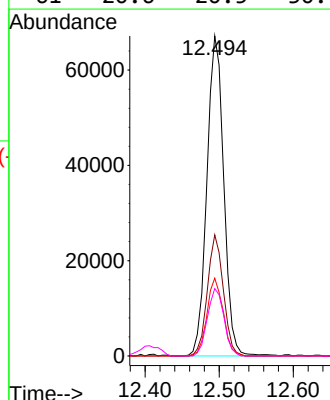
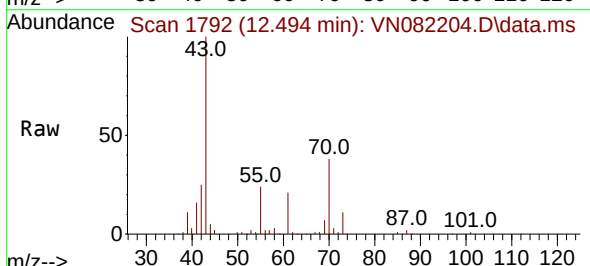
Ion Ratio Lower Upper

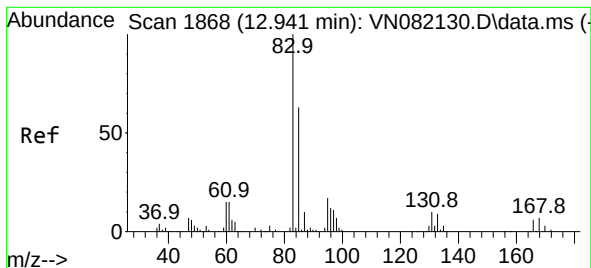
43 100

70 35.7 39.0 58.4

55 23.4 21.3 31.9

61 20.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.950 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

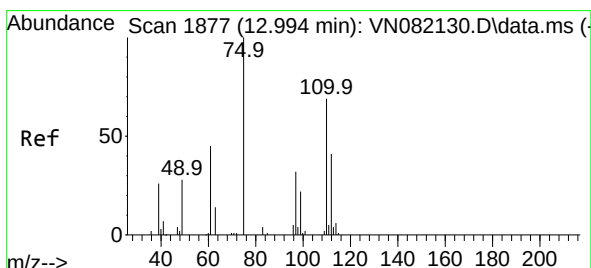
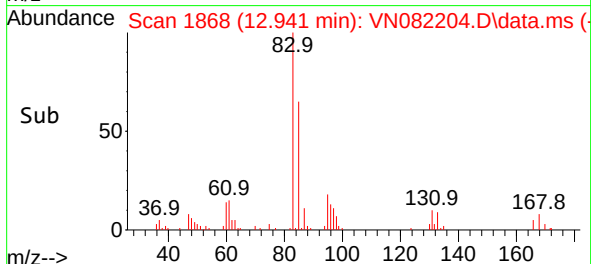
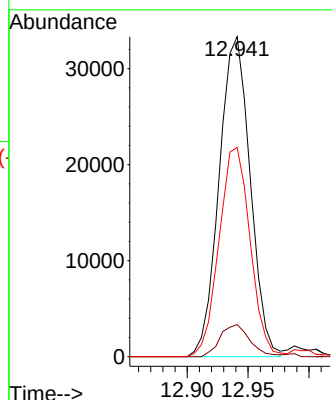
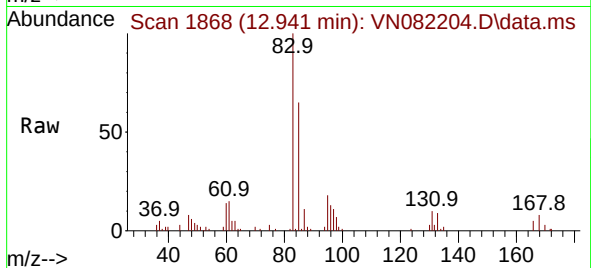
Tgt Ion:	83	Resp:	5925
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.5	16.4
85	65.5	32.9	98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#76

1,2,3-Trichloropropane

Concen: 20.587 ug/l m

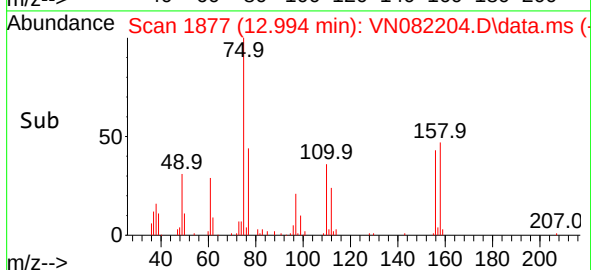
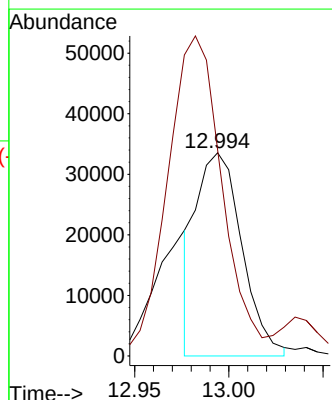
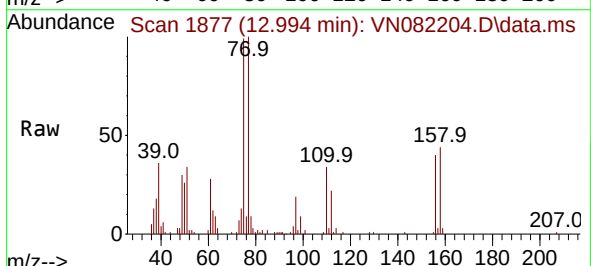
RT: 12.994 min Scan# 1877

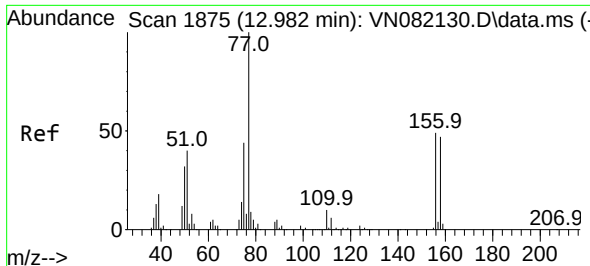
Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

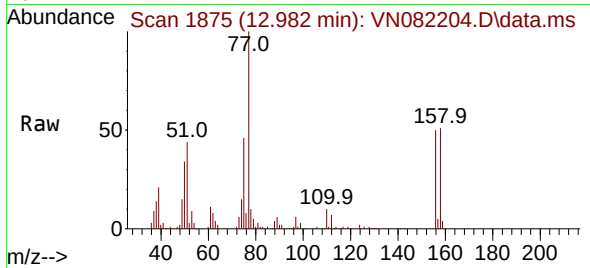
Tgt Ion:	75	Resp:	56196
Ion Ratio	Lower	Upper	
75	100		
77	188.8	90.5	271.3





#77
Bromobenzene
Concen: 19.493 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

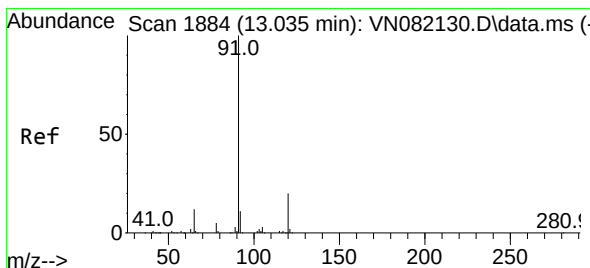
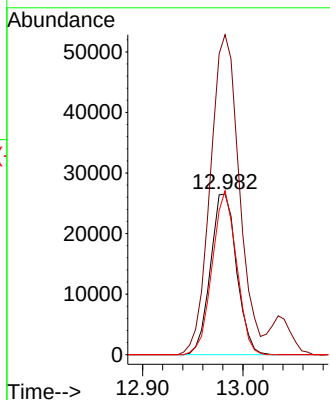
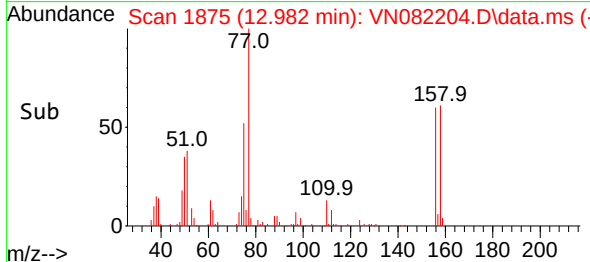
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



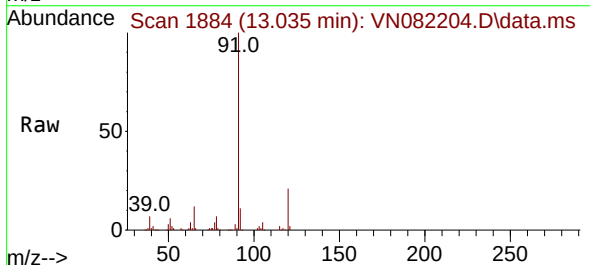
Tgt Ion:156 Resp: 4786
Ion Ratio Lower Upper
156 100
77 221.7 100.2 300.6
158 95.0 49.1 147.3

Manual Integrations
APPROVED

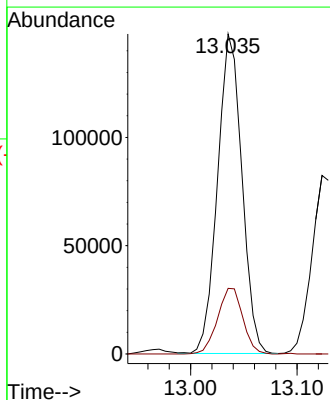
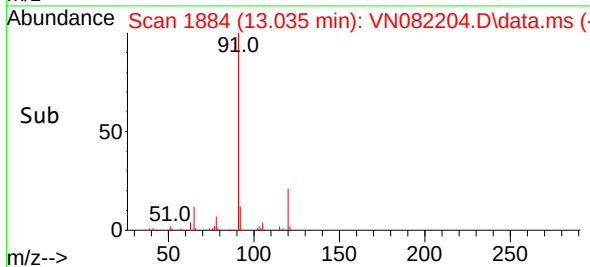
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

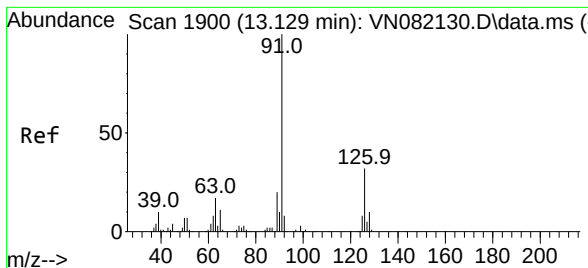


#78
n-propylbenzene
Concen: 19.205 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion: 91 Resp: 234317
Ion Ratio Lower Upper
91 100
120 21.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.616 ug/l

RT: 13.123 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion: 91 Resp: 142618

Ion Ratio Lower Upper

91 100

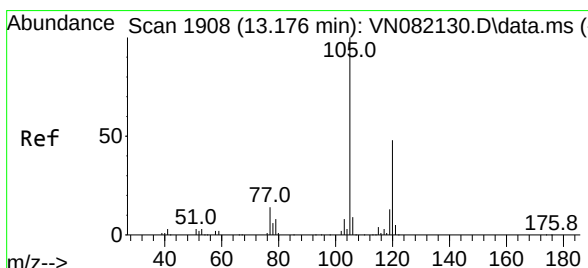
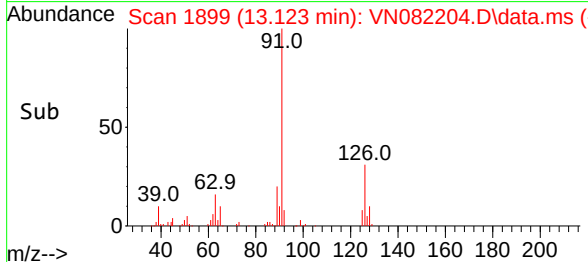
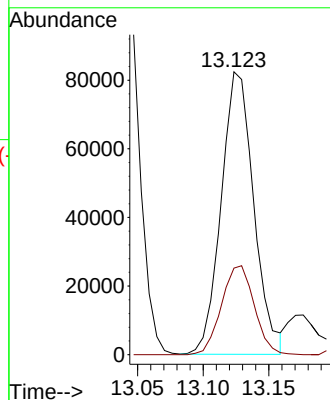
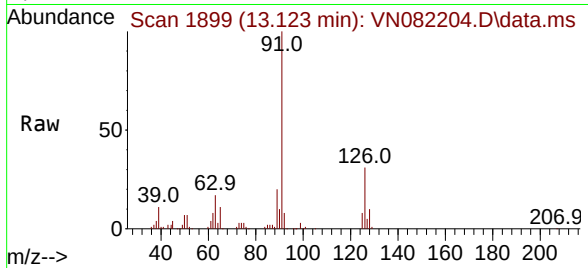
126 31.6 17.5 52.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.591 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN082204.D

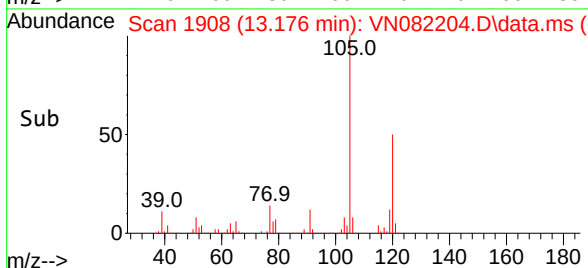
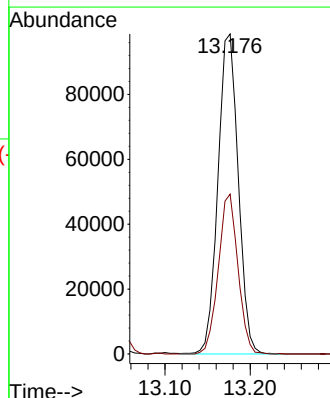
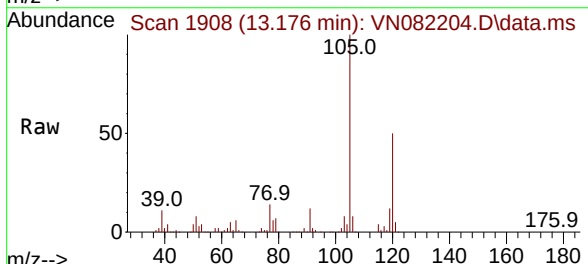
Acq: 20 May 2024 12:58

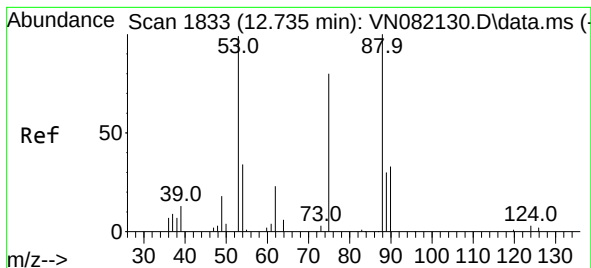
Tgt Ion:105 Resp: 163215

Ion Ratio Lower Upper

105 100

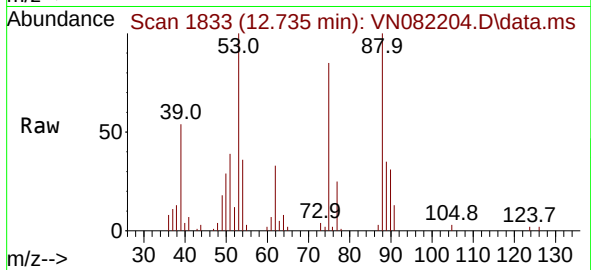
120 48.3 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.187 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

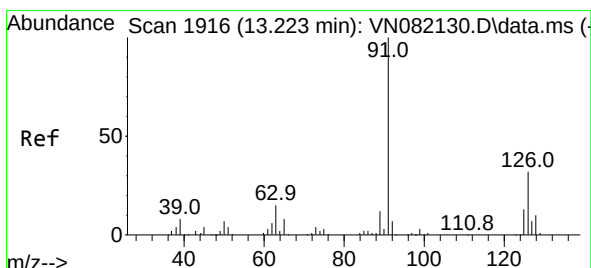
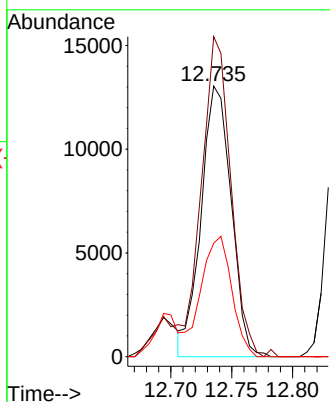
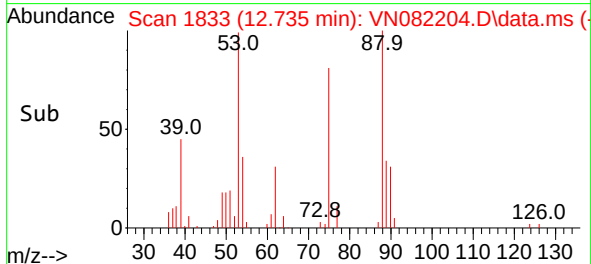
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



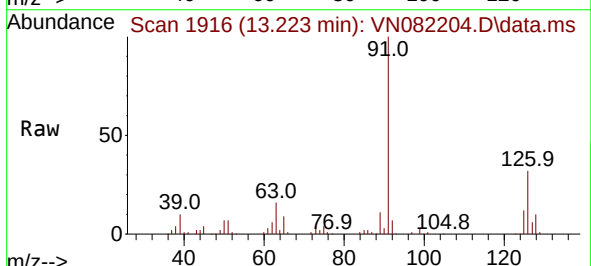
Tgt Ion: 75 Resp: 22392
Ion Ratio Lower Upper
75 100
53 117.5 72.9 109.3
89 44.4 39.1 58.7

Manual Integrations
APPROVED

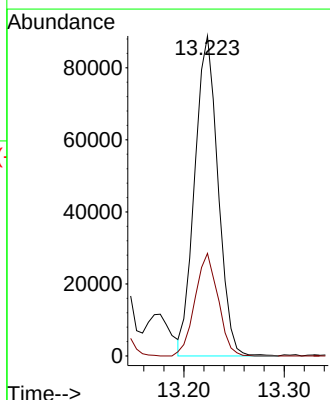
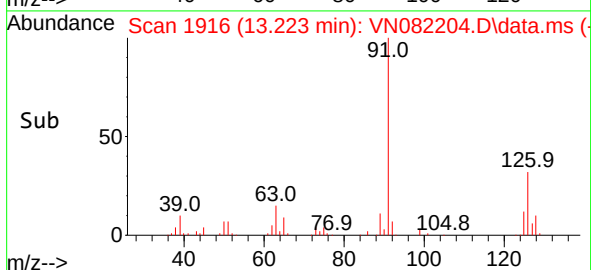
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

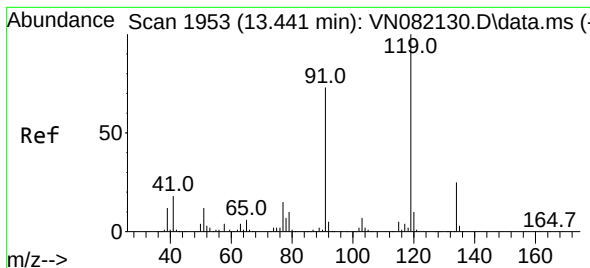


#82
4-Chlorotoluene
Concen: 19.198 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



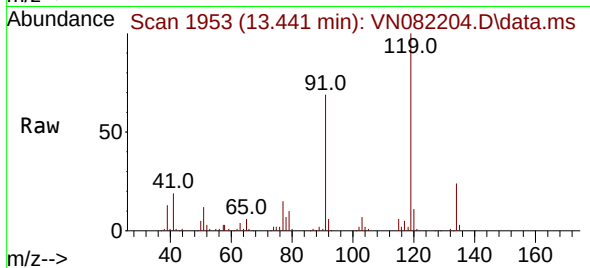
Tgt Ion: 91 Resp: 143804
Ion Ratio Lower Upper
91 100
126 31.7 17.4 52.3





#83
tert-Butylbenzene
Concen: 18.609 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

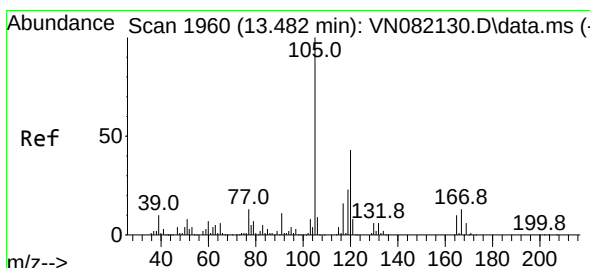
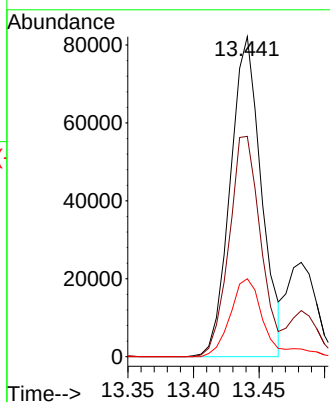
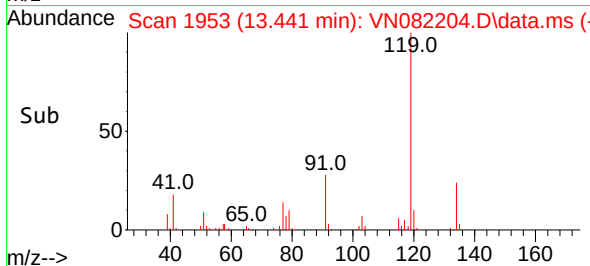
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



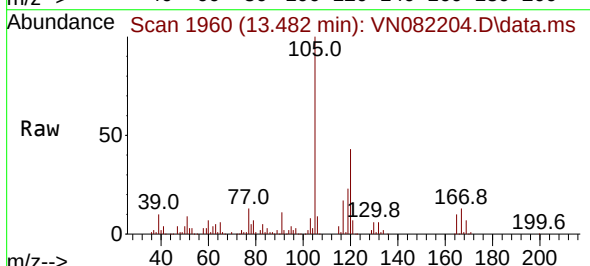
Tgt Ion:119 Resp: 135629
Ion Ratio Lower Upper
119 100
91 69.5 32.6 97.8
134 26.7 12.4 37.0

Manual Integrations
APPROVED

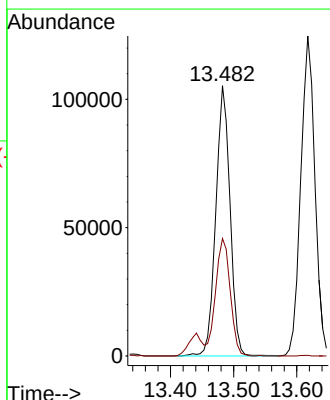
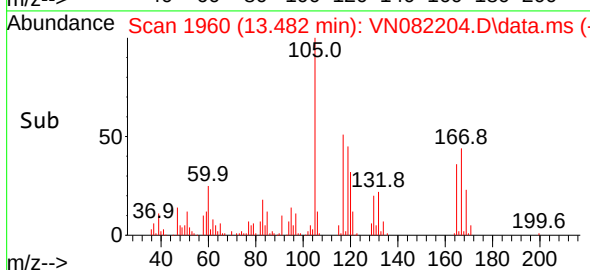
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024

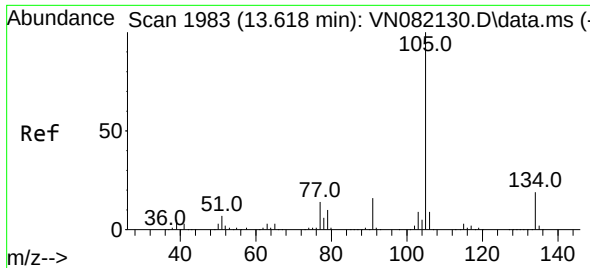


#84
1,2,4-Trimethylbenzene
Concen: 19.323 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion:105 Resp: 164700
Ion Ratio Lower Upper
105 100
120 44.9 22.9 68.7





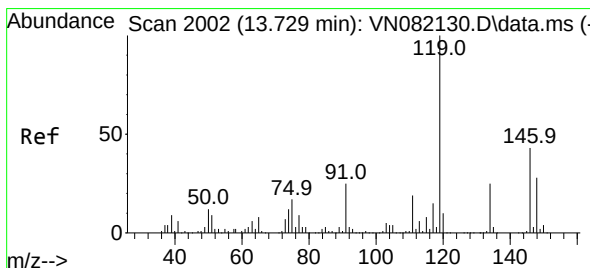
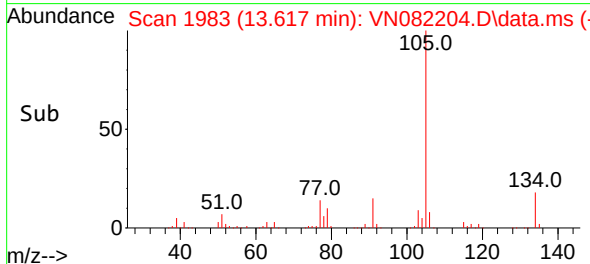
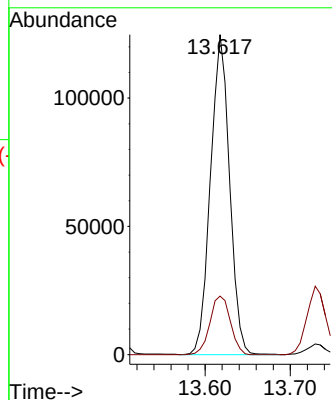
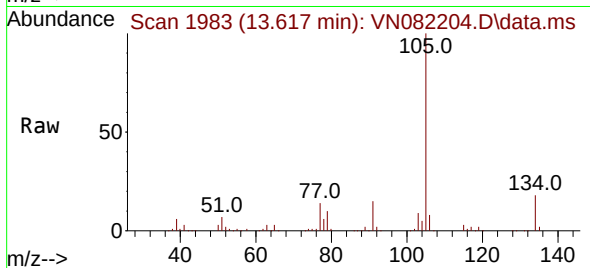
#85
 sec-Butylbenzene
 Concen: 19.209 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

Tgt Ion:105 Resp: 19405
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4

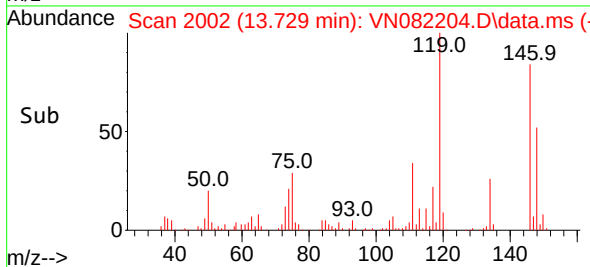
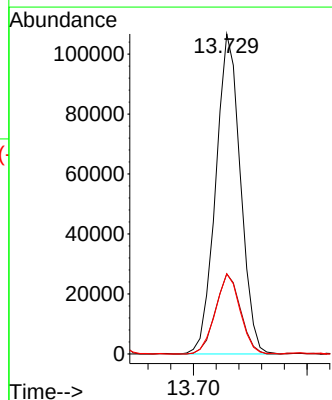
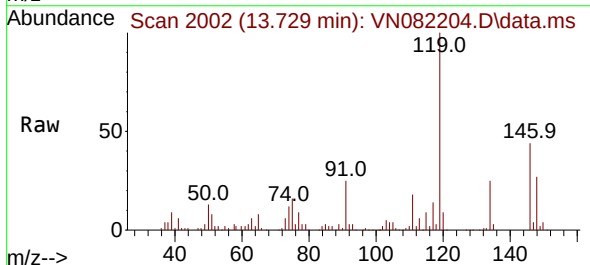
Manual Integrations
 APPROVED

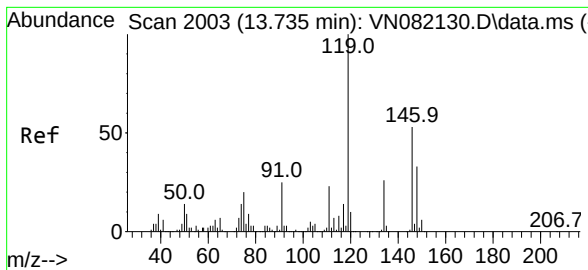
Reviewed By :John Carlone 05/21/2024
 Supervised By :Mahesh Dadoda 05/21/2024



#86
 p-Isopropyltoluene
 Concen: 19.640 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082204.D
 Acq: 20 May 2024 12:58

Tgt Ion:119 Resp: 161245
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 24.9 11.8 35.3





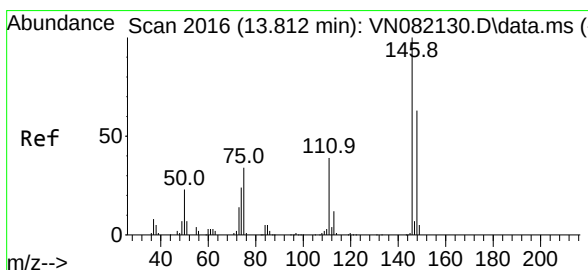
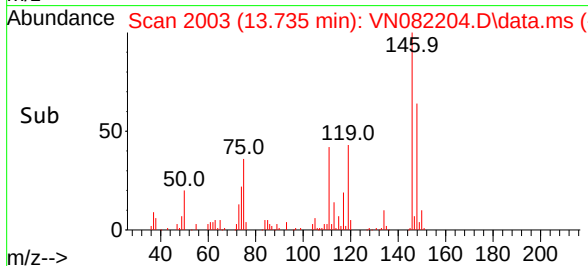
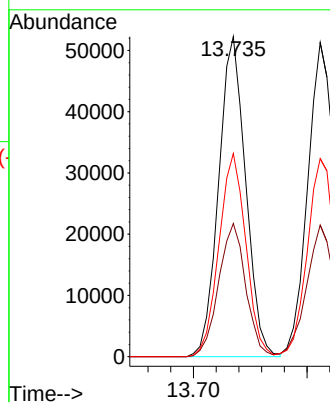
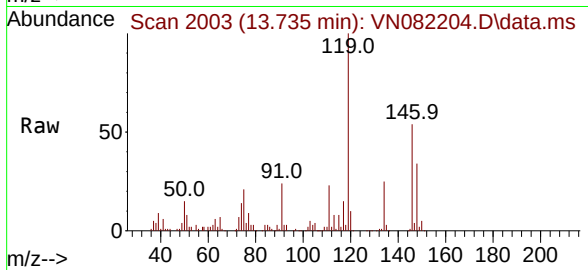
#87
1,3-Dichlorobenzene
Concen: 19.386 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:146 Resp: 86230
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 63.4 32.1 96.3

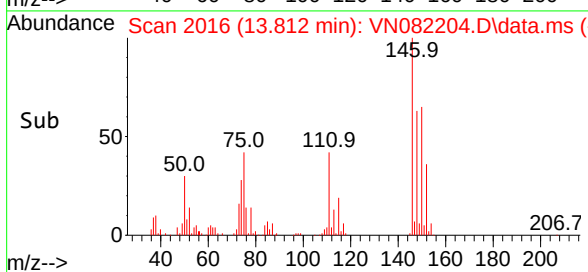
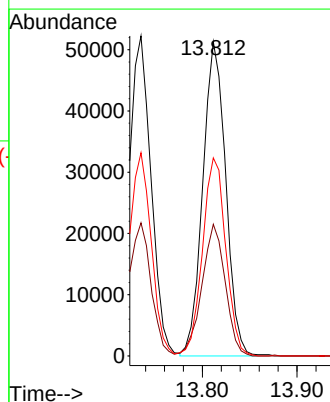
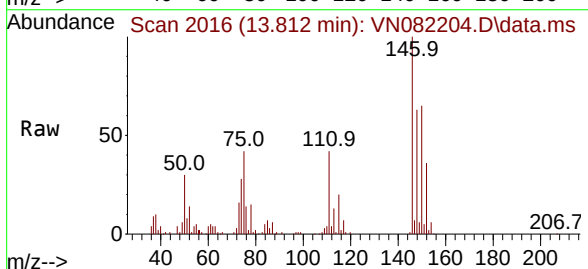
Manual Integrations
APPROVED

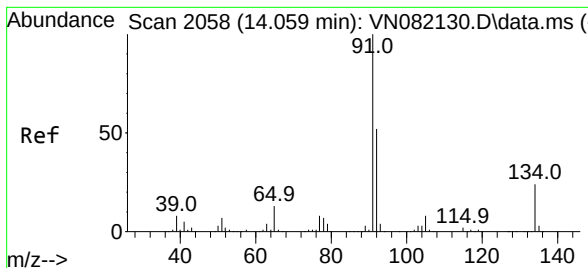
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#88
1,4-Dichlorobenzene
Concen: 18.995 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

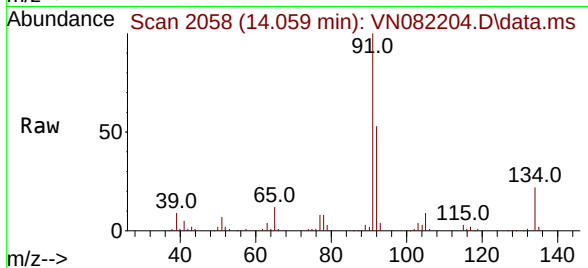
Tgt Ion:146 Resp: 86241
Ion Ratio Lower Upper
146 100
111 42.6 19.3 57.9
148 64.0 31.3 93.9





#89
n-Butylbenzene
Concen: 19.173 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

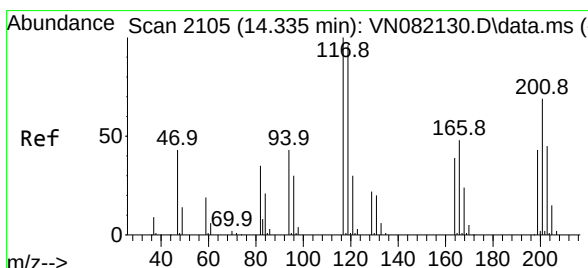
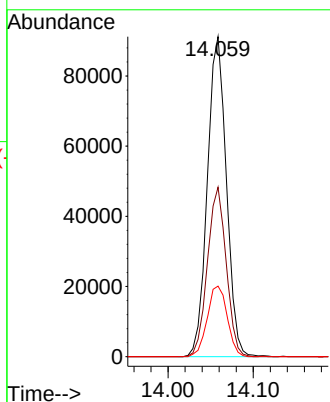
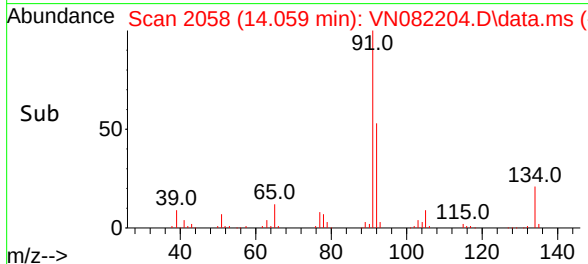
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



Tgt Ion: 91 Resp: 14148
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 23.2 13.2 39.5

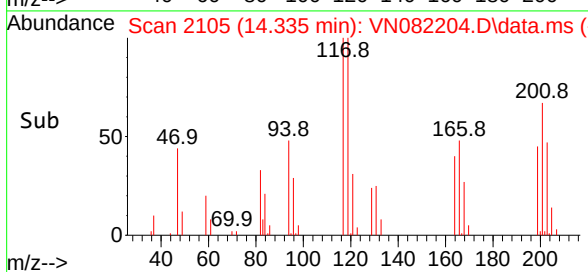
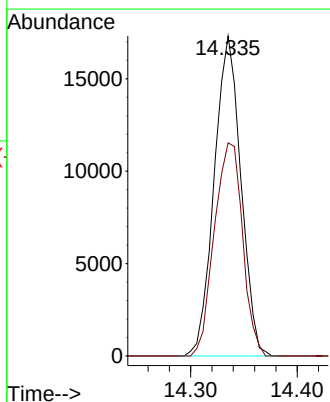
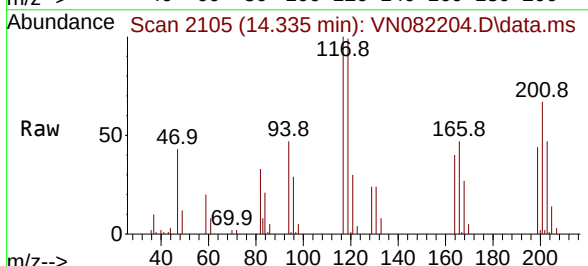
Manual Integrations
APPROVED

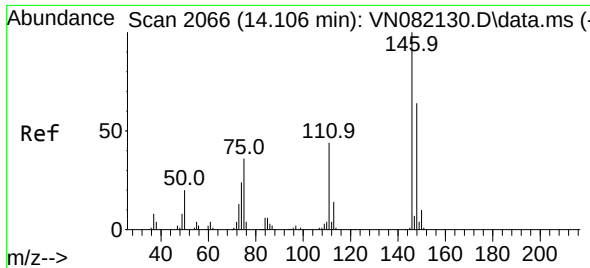
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#90
Hexachloroethane
Concen: 19.763 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion:117 Resp: 30062
Ion Ratio Lower Upper
117 100
201 70.5 33.3 99.8





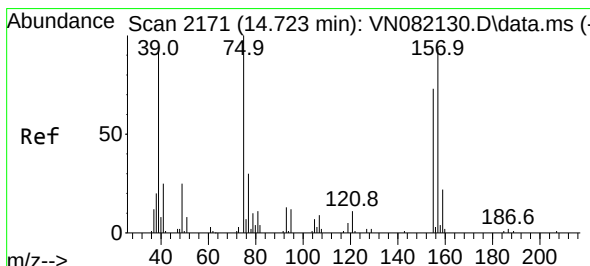
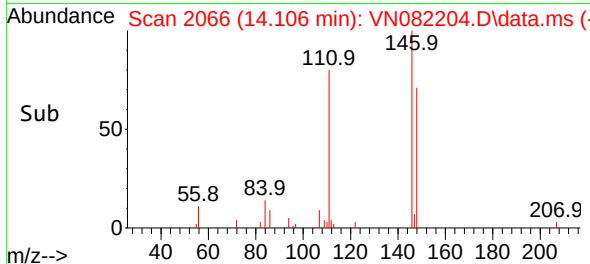
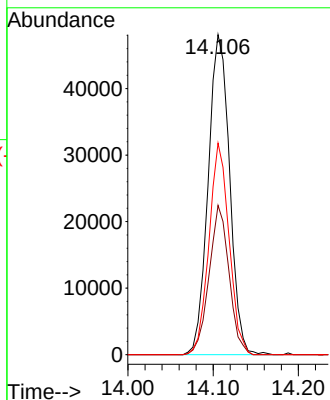
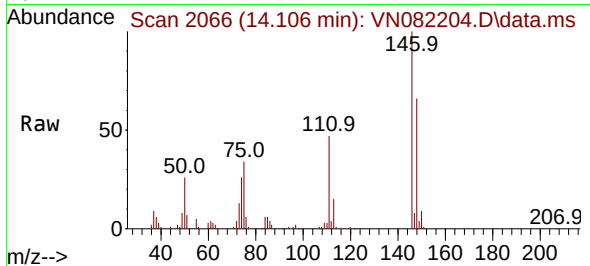
#91
1,2-Dichlorobenzene
Concen: 19.965 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01

Tgt Ion:146 Resp: 8406
Ion Ratio Lower Upper
146 100
111 43.5 21.3 64.0
148 61.9 31.8 95.4

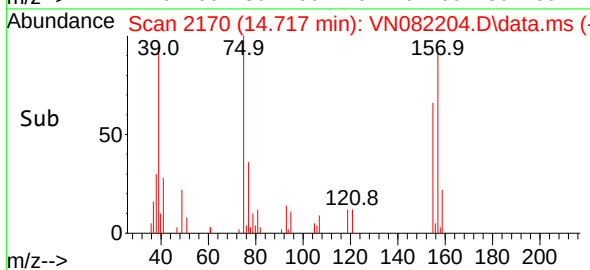
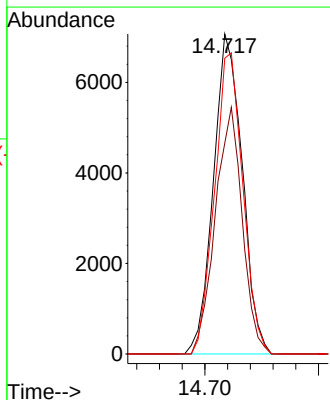
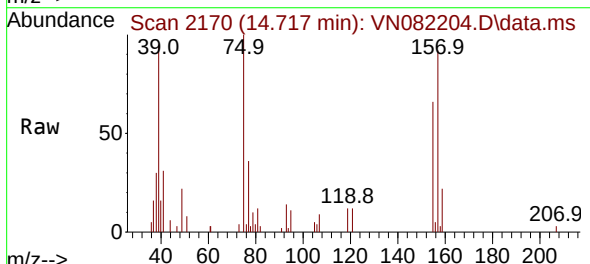
Manual Integrations
APPROVED

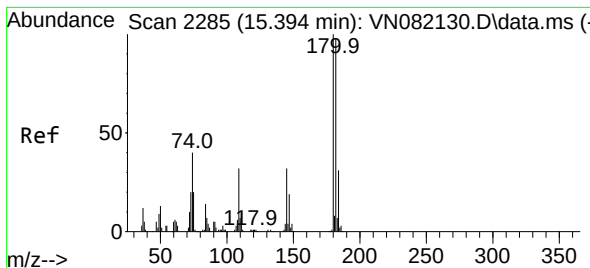
Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.396 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

Tgt Ion: 75 Resp: 12446
Ion Ratio Lower Upper
75 100
155 72.3 42.6 128.0
157 92.4 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 18.969 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

VN0520WBSD01

Tgt Ion:180 Resp: 4477

Ion Ratio Lower Upper

180 100

182 96.0 46.7 140.0

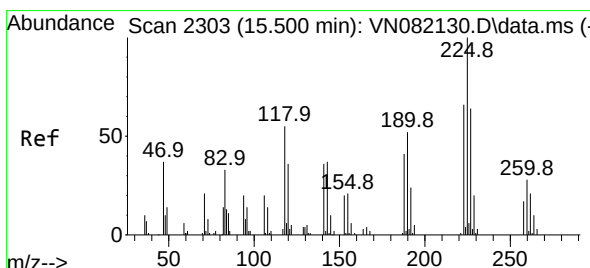
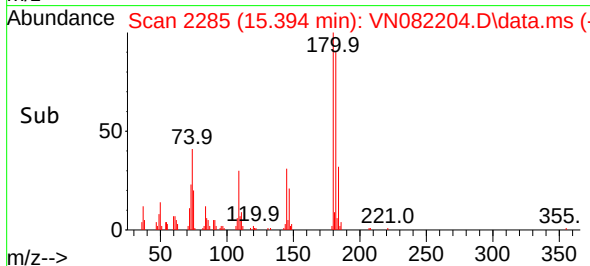
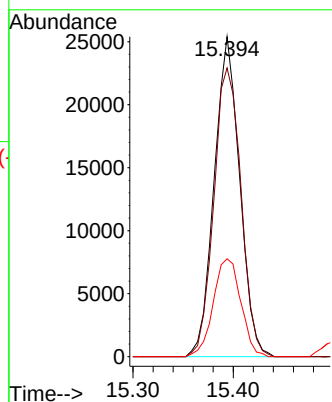
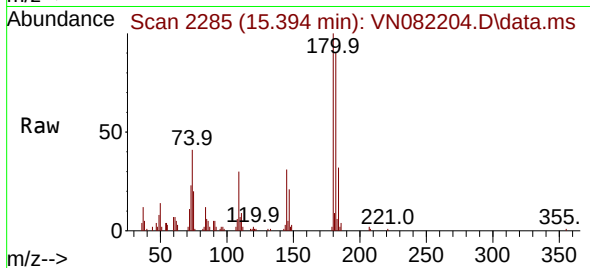
145 33.1 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2024

Supervised By :Mahesh Dadoda 05/21/2024



#94

Hexachlorobutadiene

Concen: 18.709 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN082204.D

Acq: 20 May 2024 12:58

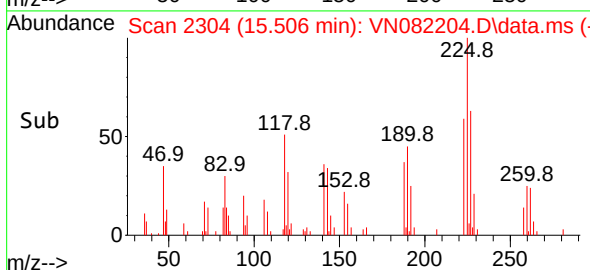
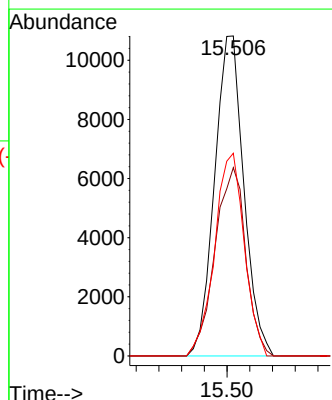
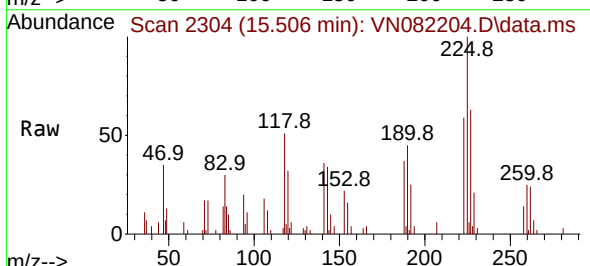
Tgt Ion:225 Resp: 19376

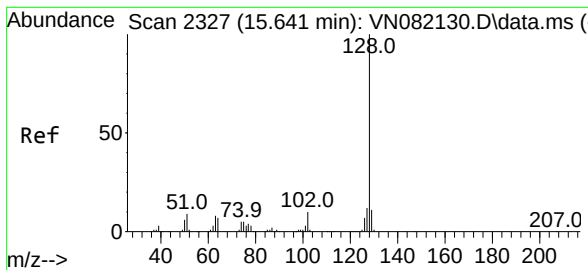
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

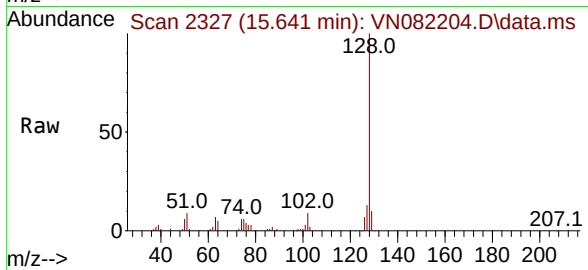
227 64.1 30.6 91.6





#95
Naphthalene
Concen: 19.562 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58

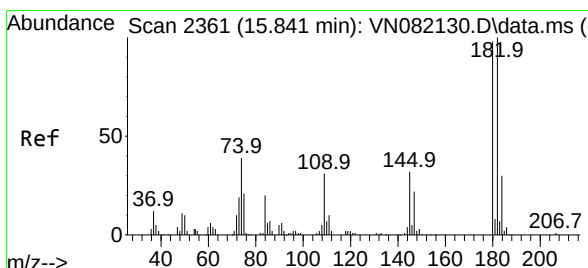
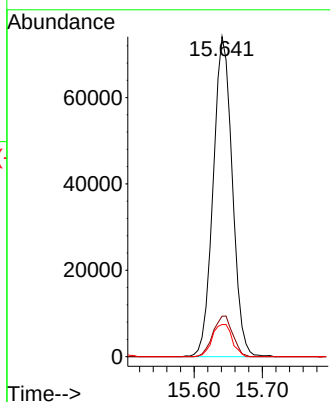
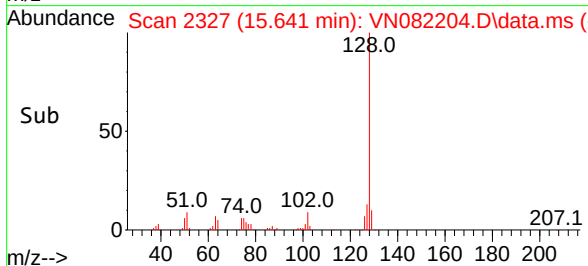
Instrument :
MSVOA_N
ClientSampleId :
VN0520WBSD01



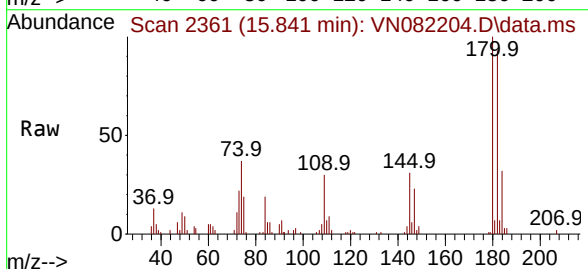
Tgt Ion:128 Resp: 144690
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2024
Supervised By :Mahesh Dadoda 05/21/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.898 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082204.D
Acq: 20 May 2024 12:58



Tgt Ion:180 Resp: 44652
Ion Ratio Lower Upper
180 100
182 95.3 46.0 137.8
145 33.2 17.1 51.3

