

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032124\
 Data File : VN081515.D
 Acq On : 21 Mar 2024 13:27
 Operator : JC\MD
 Sample : P1799-03DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50297DL

Quant Time: Mar 22 05:05:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	501659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	868860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	746492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	314193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	301332	47.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	8.171	113	257465	46.954	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.900%		
50) Toluene-d8	10.565	98	1004456	50.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.340%		
62) 4-Bromofluorobenzene	12.847	95	325120	46.549	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.100%		
Target Compounds						Qvalue
5) Bromomethane	2.965	94	1753	0.328	ug/l	85
8) Diethyl Ether	3.965	74	1100	0.295	ug/l #	1
11) Tert butyl alcohol	5.530	59	615	0.552	ug/l #	72
13) Acrolein	4.142	56	3185	3.184	ug/l #	1
14) Allyl chloride	5.148	41	5271	0.711	ug/l #	1
16) Acetone	4.424	43	22180	10.728	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	55190	2.979	ug/l	94
22) Diisopropyl ether	6.665	45	20804	1.207	ug/l #	83
23) Vinyl Acetate	6.659	43	11700	0.853	ug/l #	75
25) 2-Butanone	7.494	43	10313	2.908	ug/l	98
31) Cyclohexane	8.230	56	19857	1.907	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	40619	4.402	ug/l #	52
37) Ethyl Acetate	7.559	43	146702	18.566	ug/l	94
38) Carbon Tetrachloride	8.218	117	53504	5.293	ug/l #	17
39) Methylcyclohexane	9.594	83	2432	0.236	ug/l #	57
40) Benzene	8.606	78	1387065	51.414	ug/l	98
42) 1,2-Dichloroethane	8.600	62	13975	1.472	ug/l #	75
51) 4-Methyl-2-Pentanone	10.571	43	4853	0.607	ug/l #	1
52) Toluene	10.630	92	1198485	69.893	ug/l	100
53) t-1,3-Dichloropropene	10.630	75	12838	1.225	ug/l #	1
67) Ethyl Benzene	11.965	91	164445	5.365	ug/l	91
68) m/p-Xylenes	12.071	106	222559	19.367	ug/l	95
69) o-Xylene	12.394	106	101779	9.022	ug/l	92
70) Styrene	12.394	104	6302	0.346	ug/l #	1
71) Bromoform	12.847	173	2334	0.475	ug/l #	1
73) Isopropylbenzene	12.694	105	12351	0.461	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	171181	22.777	ug/l #	1
78) n-propylbenzene	13.035	91	35362	1.118	ug/l	98
79) 2-Chlorotoluene	13.094	91	19008	1.004	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.171	105	40832	1.846	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.847	75	171181	61.550	ug/l #	14
82) 4-Chlorotoluene	13.171	91	5962	0.319	ug/l #	44
83) tert-Butylbenzene	13.482	119	22328	1.171	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.482	105	179598	8.078	ug/l	94
85) sec-Butylbenzene	13.482	105	179598	6.586	ug/l #	60
86) p-Isopropyltoluene	13.671	119	6303	0.283	ug/l	97

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Response via : Initial Calibration

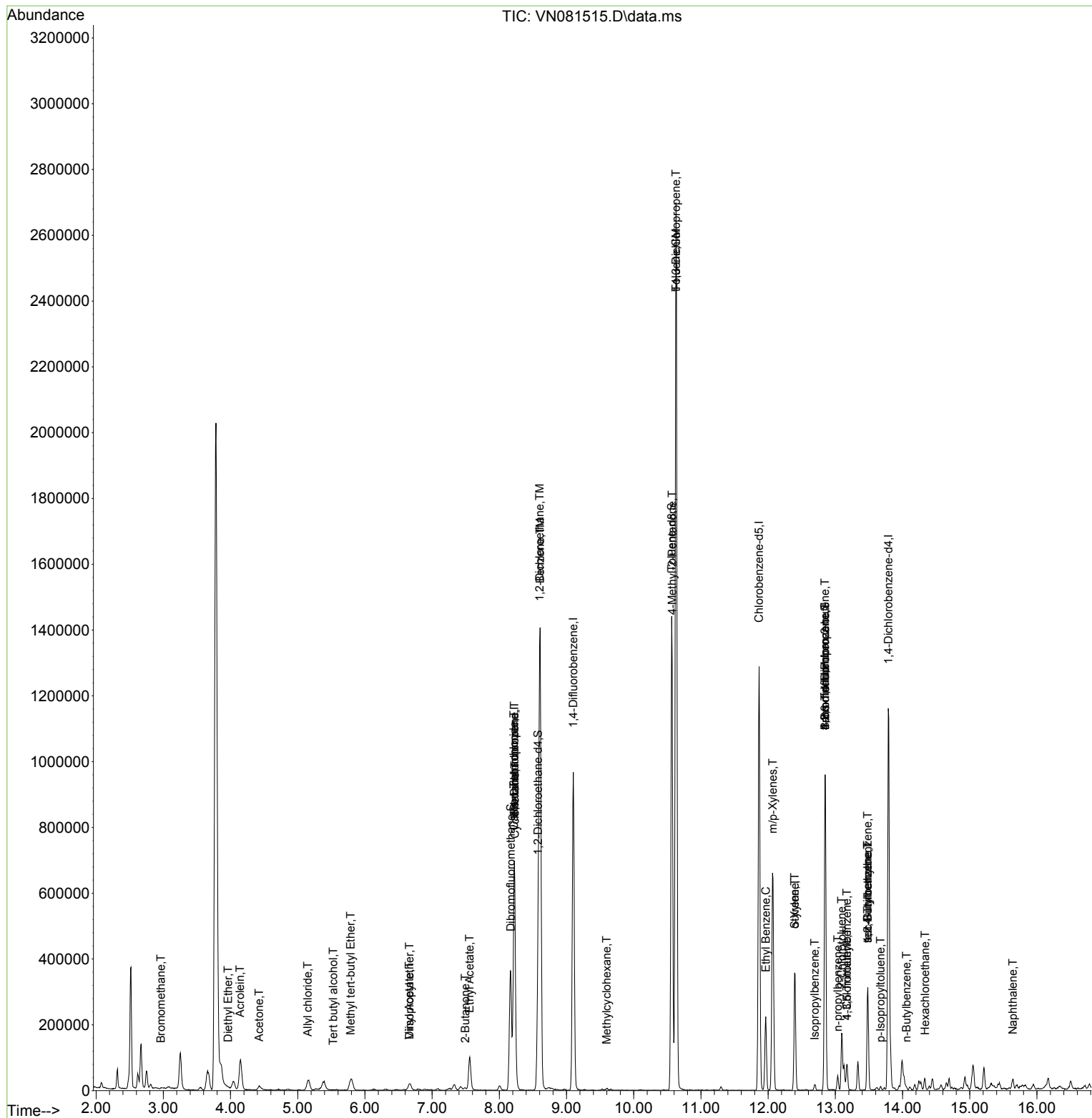
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	5412	0.274	ug/l #	81
90) Hexachloroethane	14.335	117	1875	0.444	ug/l #	21
95) Naphthalene	15.641	128	28525	1.301	ug/l	98

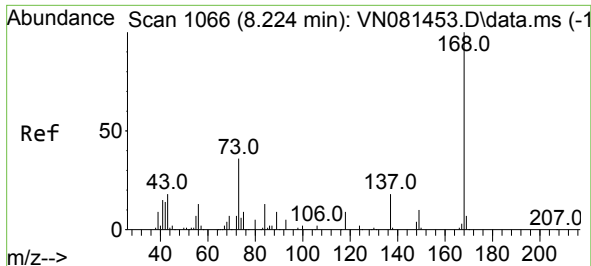
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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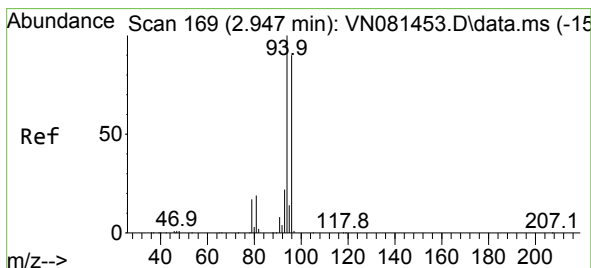
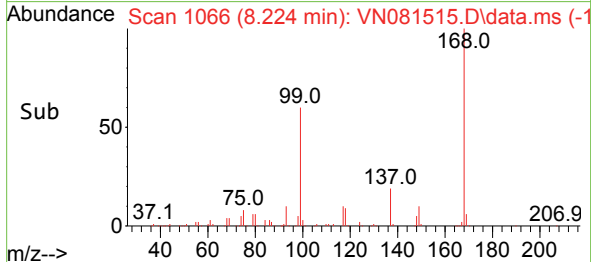
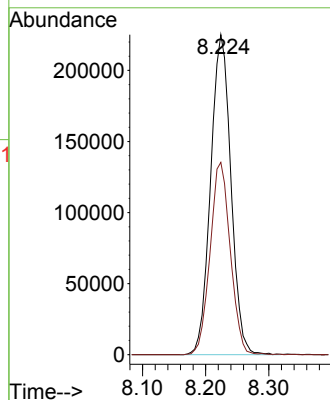
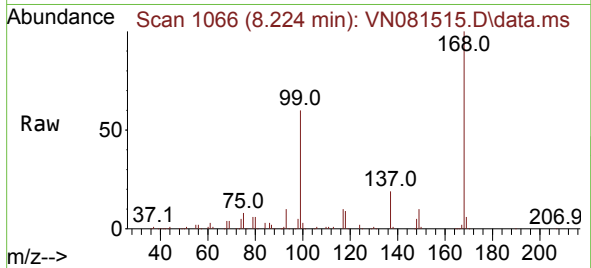




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

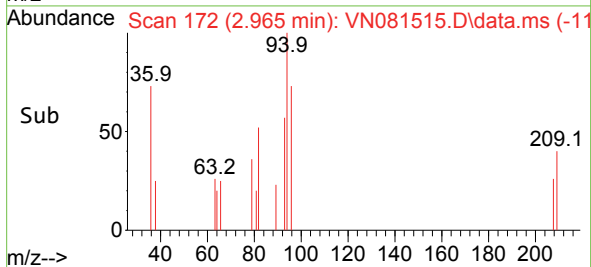
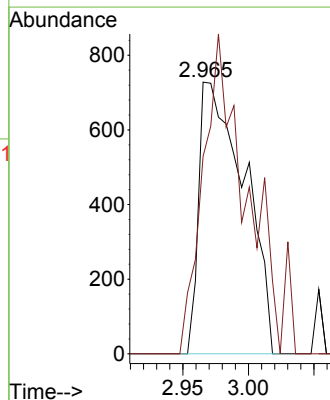
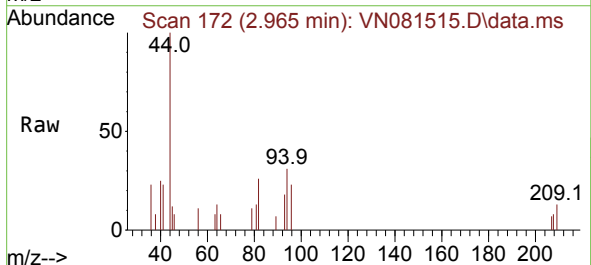
Instrument :
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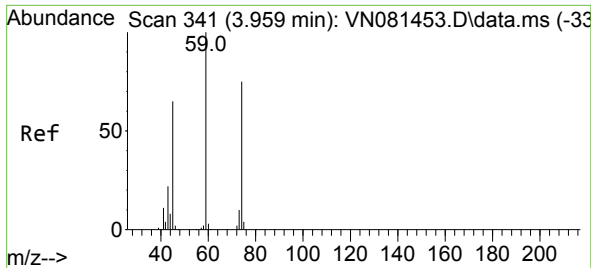
Tgt Ion:168 Resp: 501659
Ion Ratio Lower Upper
168 100
99 60.1 59.9 89.9



#5
Bromomethane
Concen: 0.328 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 94 Resp: 1753
Ion Ratio Lower Upper
94 100
96 72.7 69.2 103.8

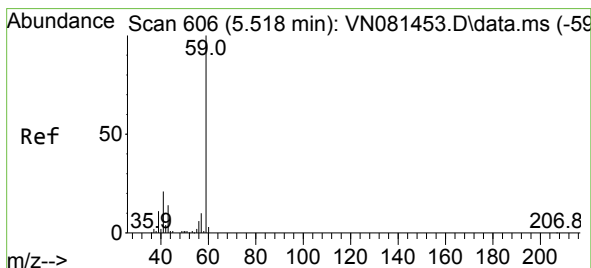
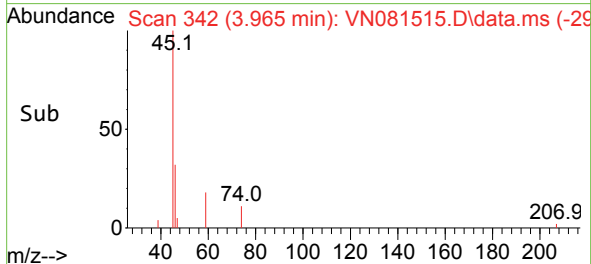
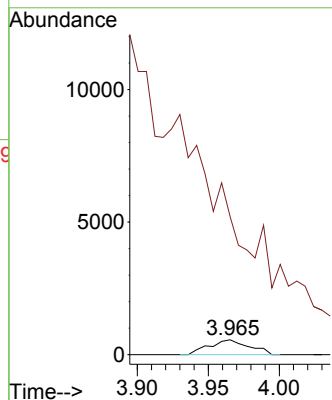
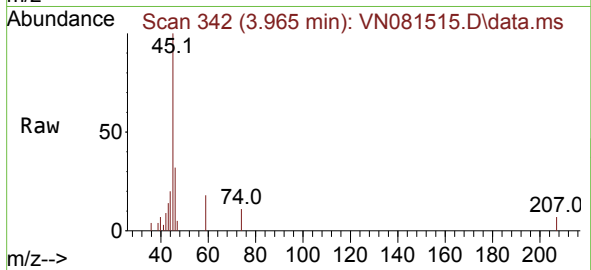




#8
Diethyl Ether
Concen: 0.295 ug/l
RT: 3.965 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

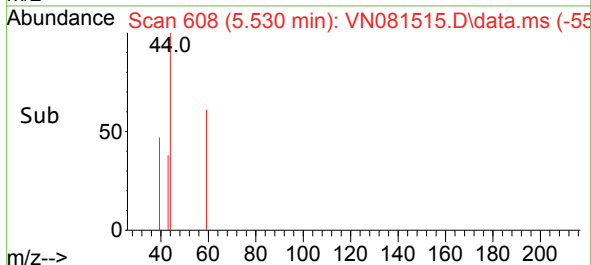
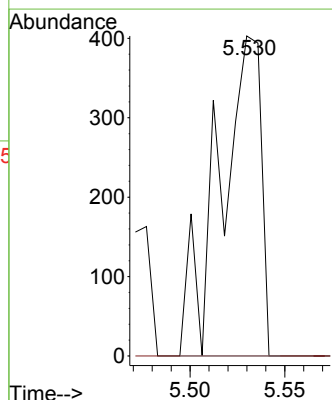
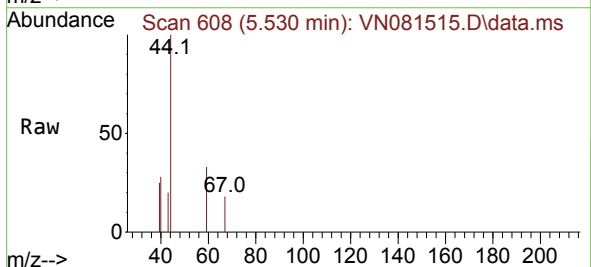
Instrument :
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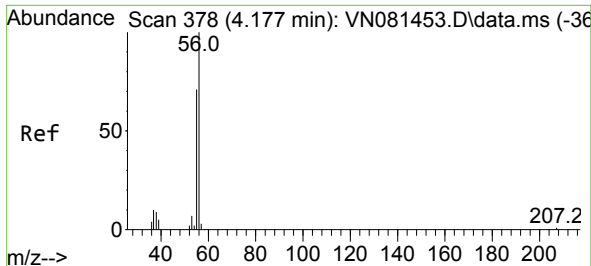
Tgt Ion: 74 Resp: 1100
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.9#



#11
Tert butyl alcohol
Concen: 0.552 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

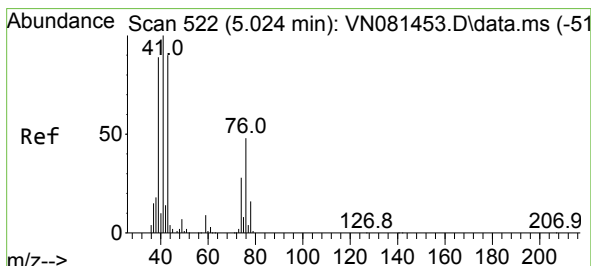
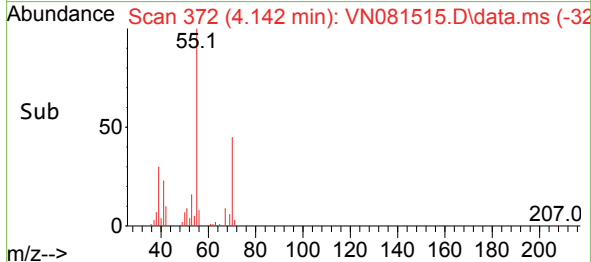
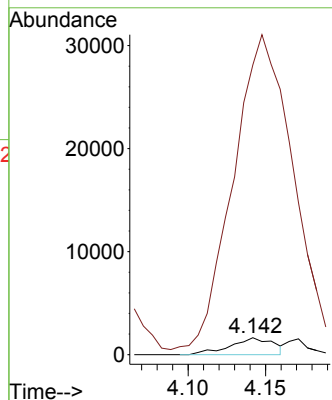
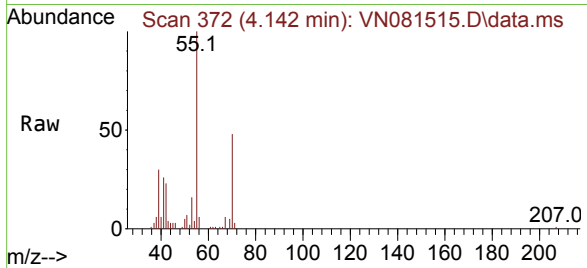




#13
Acrolein
Concen: 3.184 ug/l
RT: 4.142 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

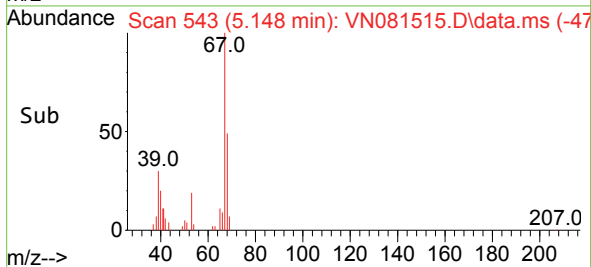
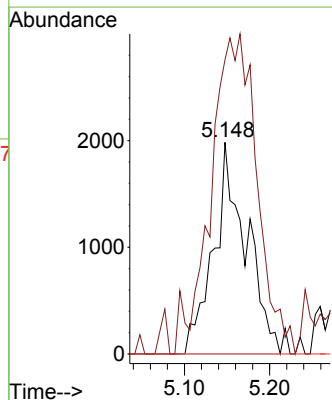
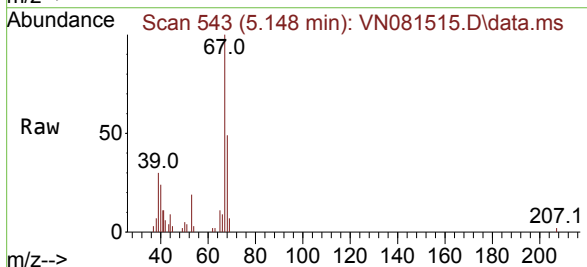
Instrument :
MSVOA_N
ClientSampleId :
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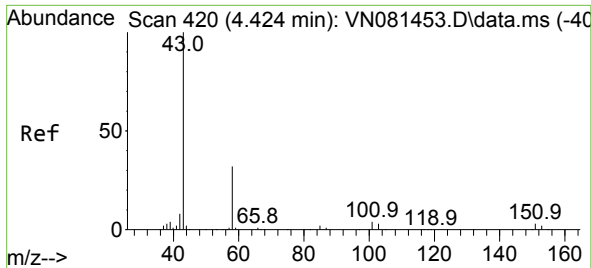
Tgt Ion: 56 Resp: 3185
Ion Ratio Lower Upper
56 100
55 2696.4 55.3 82.9#



#14
Allyl chloride
Concen: 0.711 ug/l
RT: 5.148 min Scan# 543
Delta R.T. 0.124 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 41 Resp: 5271
Ion Ratio Lower Upper
41 100
39 206.8 57.7 86.5#
76 0.0 26.8 40.2#

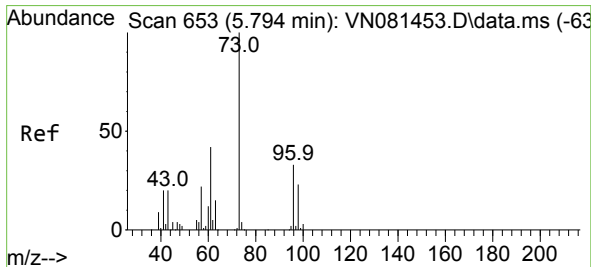
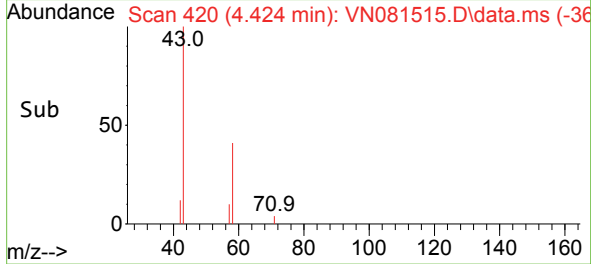
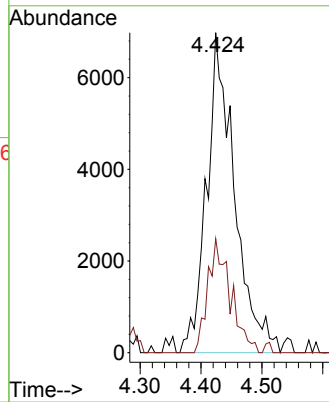
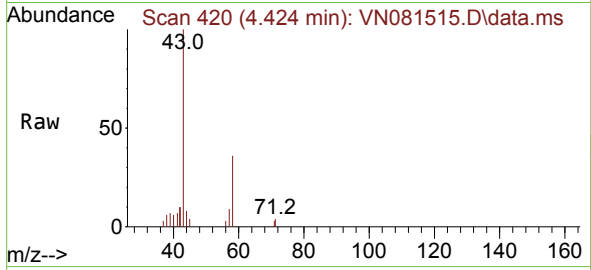




#16
Acetone
Concen: 10.728 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

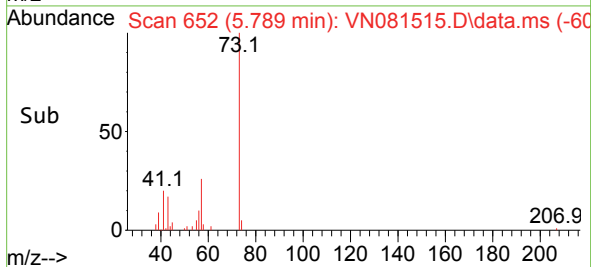
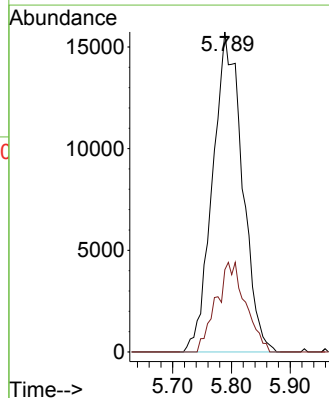
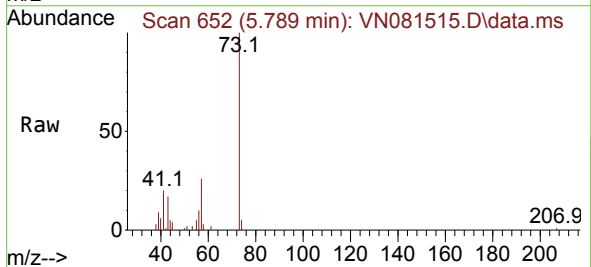
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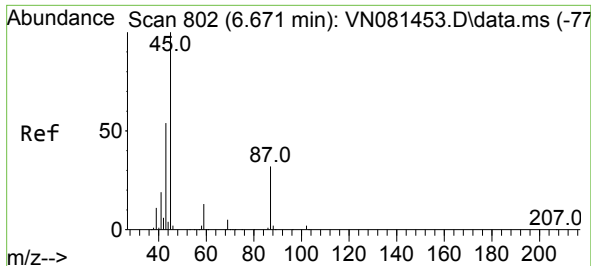
Tgt Ion: 43 Resp: 22180
Ion Ratio Lower Upper
43 100
58 35.6 24.8 37.2



#19
Methyl tert-butyl Ether
Concen: 2.979 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 73 Resp: 55190
Ion Ratio Lower Upper
73 100
57 25.7 18.2 27.4

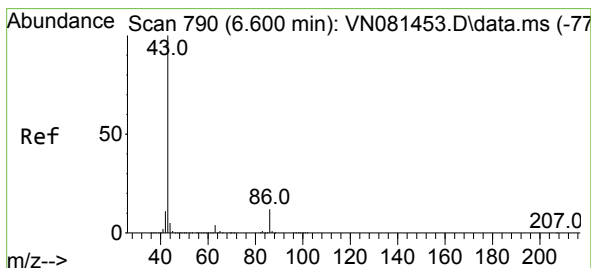
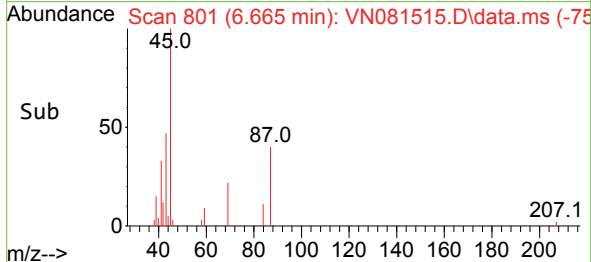
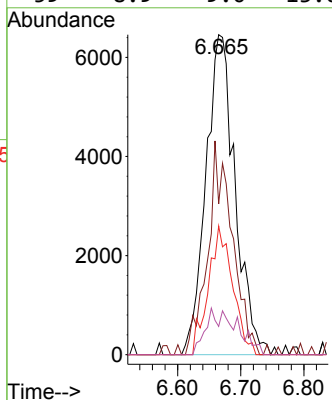
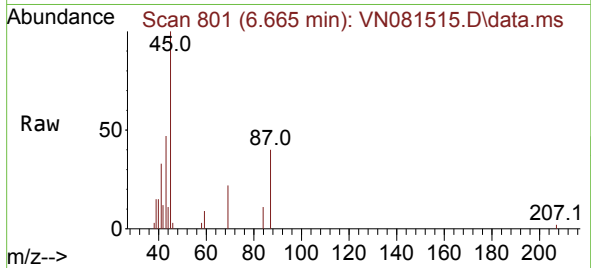




#22
Diisopropyl ether
Concen: 1.207 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

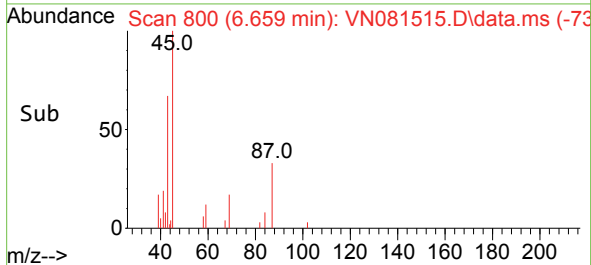
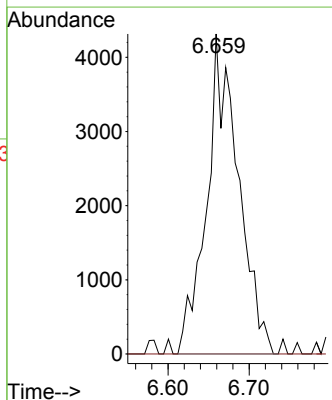
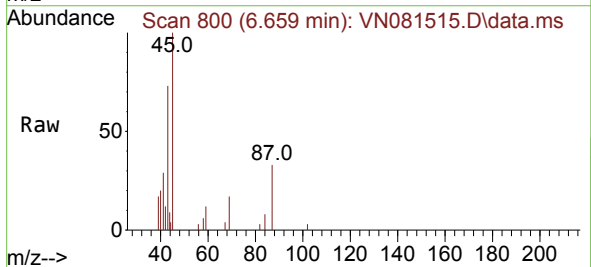
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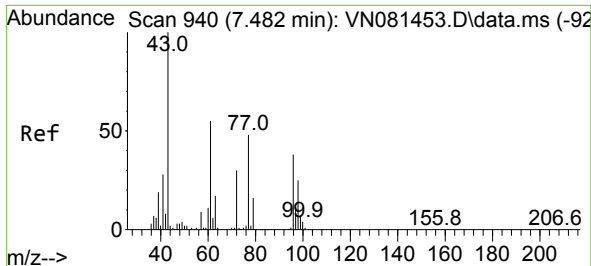
Tgt Ion:	45	Resp:	20804
Ion Ratio	Lower	Upper	
45	100		
43	44.7	41.8	62.8
87	40.2	18.1	27.1#
59	8.9	9.0	13.6#



#23
Vinyl Acetate
Concen: 0.853 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.059 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion:	43	Resp:	11700
Ion Ratio	Lower	Upper	
43	100		
86	0.0	7.1	10.7#

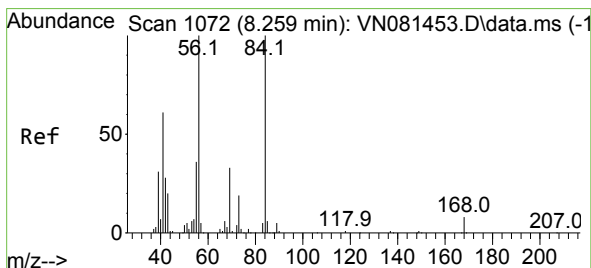
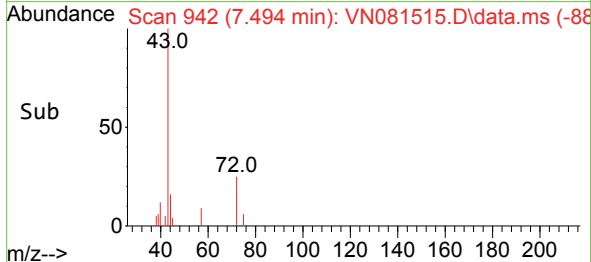
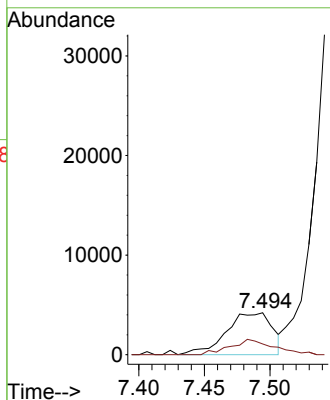
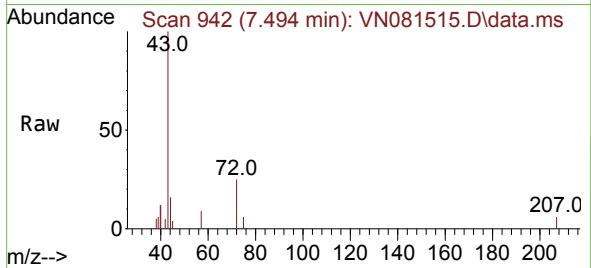




#25
2-Butanone
Concen: 2.908 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

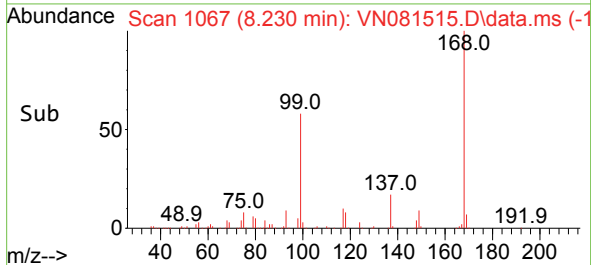
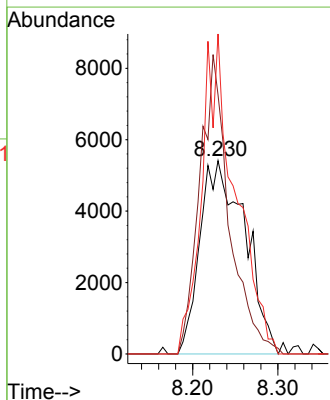
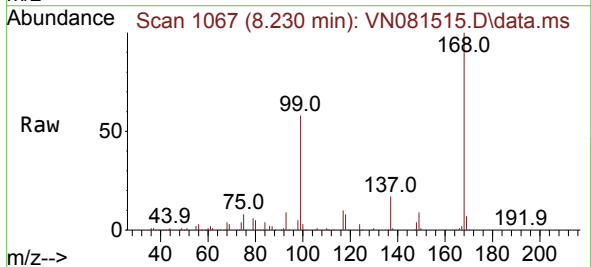
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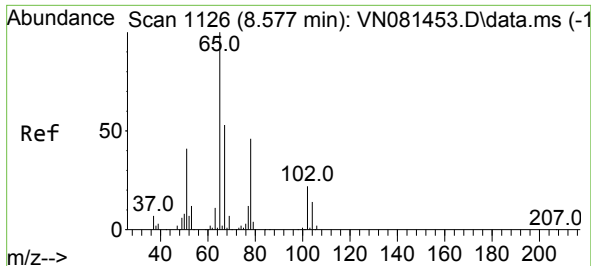
Tgt Ion: 43 Resp: 10313
Ion Ratio Lower Upper
43 100
72 25.4 19.5 29.3



#31
Cyclohexane
Concen: 1.907 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 56 Resp: 19857
Ion Ratio Lower Upper
56 100
69 134.0 20.1 30.1#
84 165.5 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.102 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

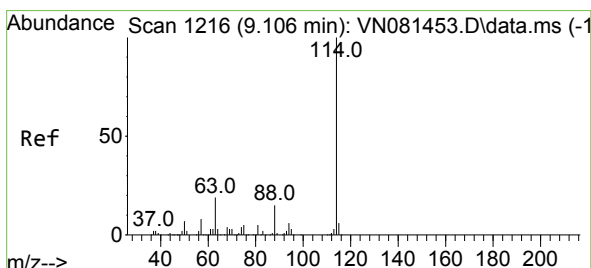
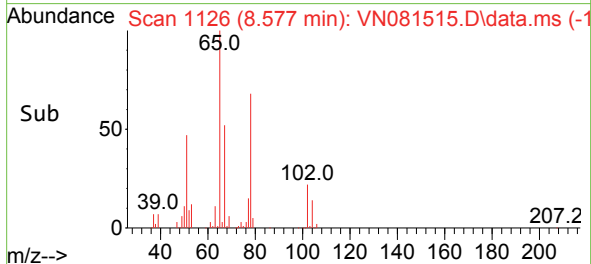
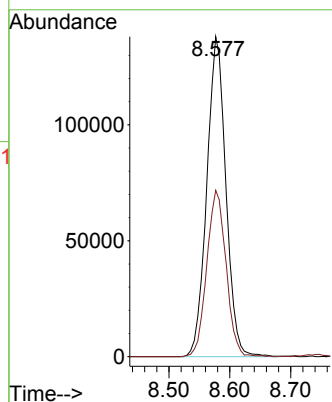
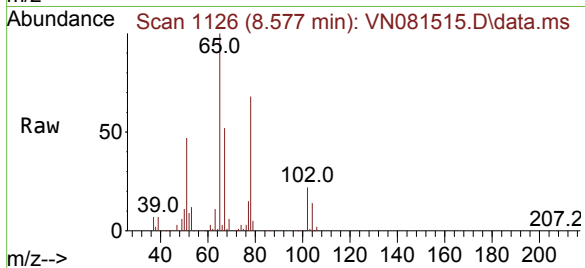
50297DL

Tgt Ion: 65 Resp: 301332

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

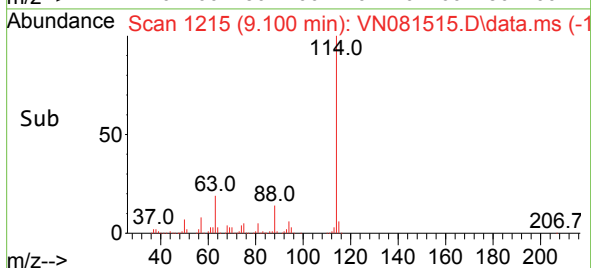
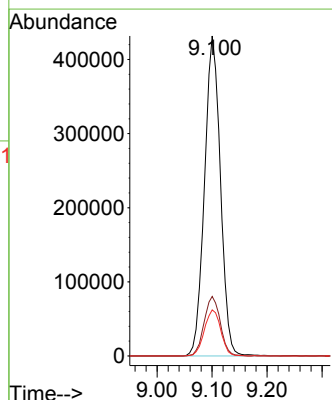
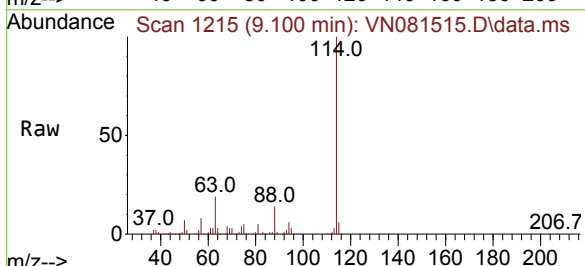
Tgt Ion: 114 Resp: 868860

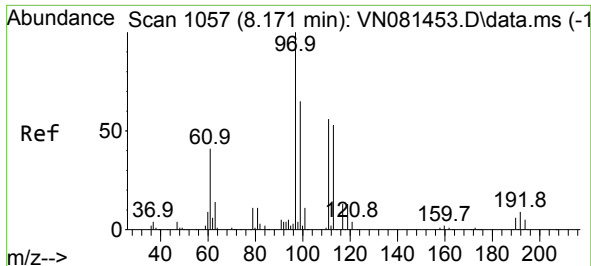
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 14.4 0.0 34.8

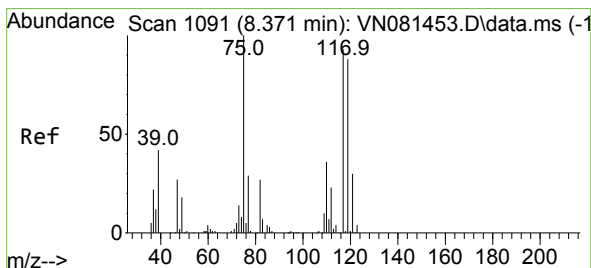
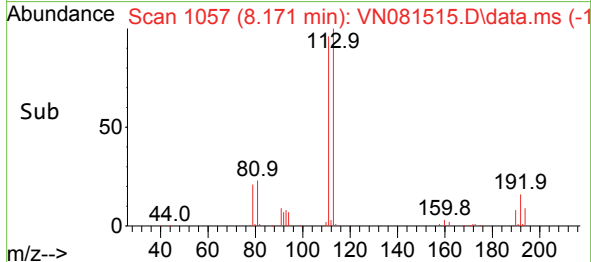
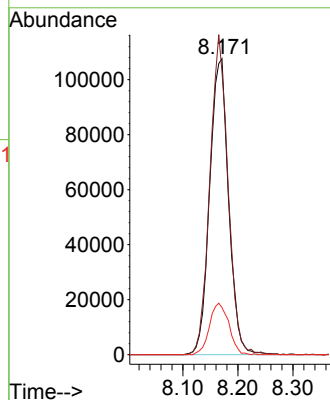
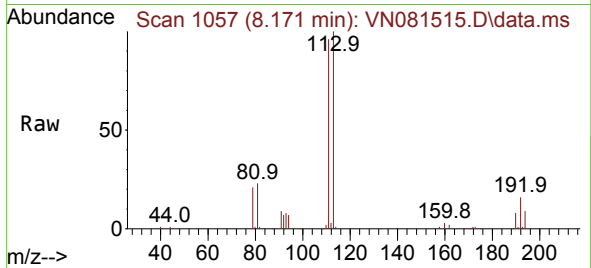




#35
Dibromofluoromethane
Concen: 46.954 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

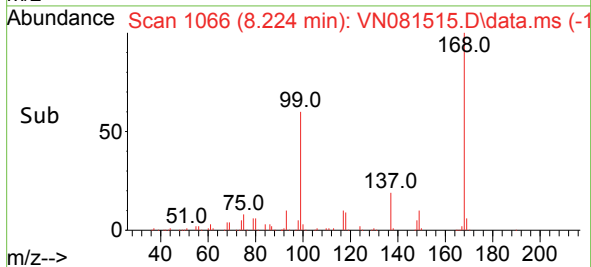
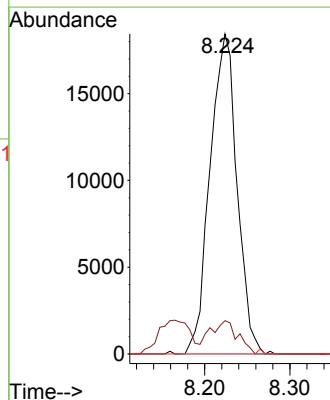
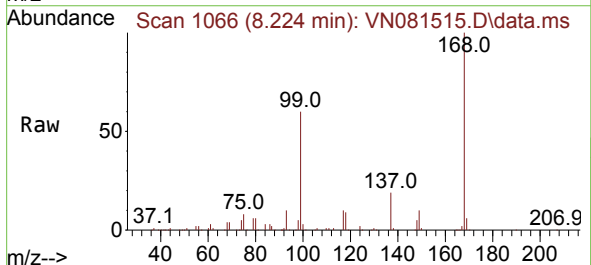
Instrument :
MSVOA_N
ClientSampleId :
50297DL

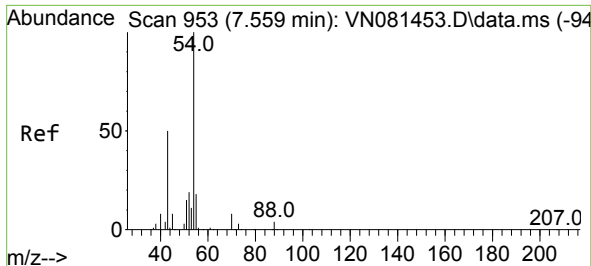
Tgt Ion:113 Resp: 257465
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 17.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 75 Resp: 40619
Ion Ratio Lower Upper
75 100
110 10.6 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 18.566 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

50297DL

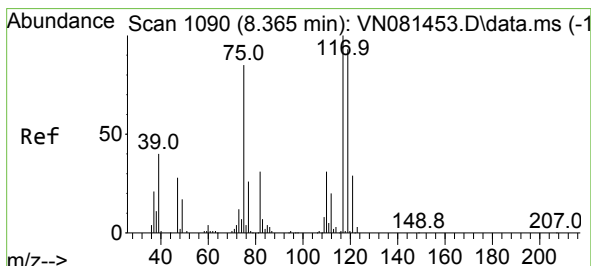
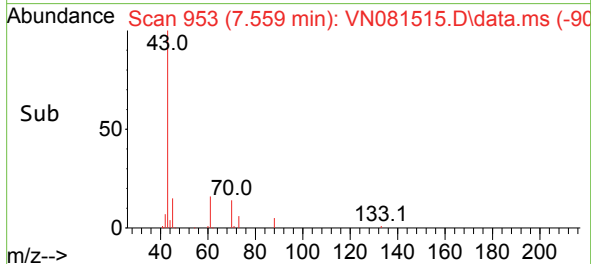
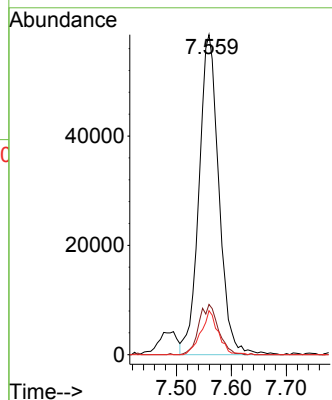
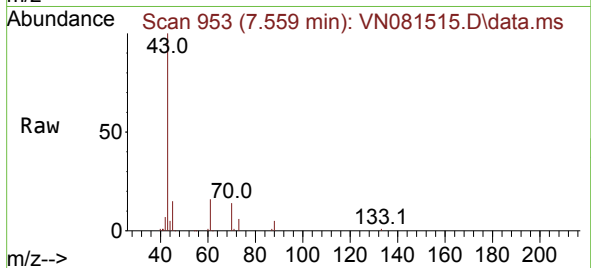
Tgt Ion: 43 Resp: 146702

Ion Ratio Lower Upper

43 100

61 15.5 10.6 15.8

70 12.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 5.293 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

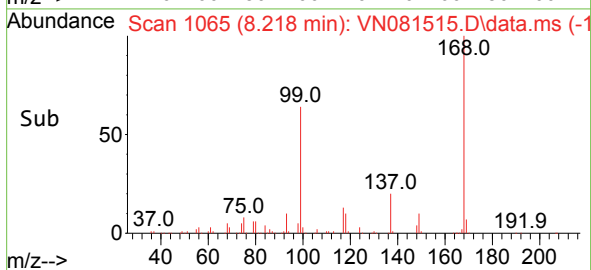
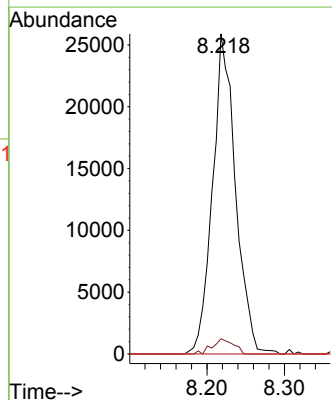
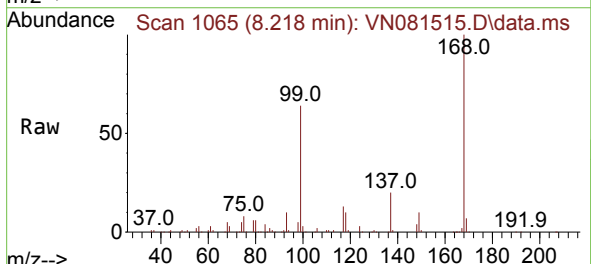
Tgt Ion: 117 Resp: 53504

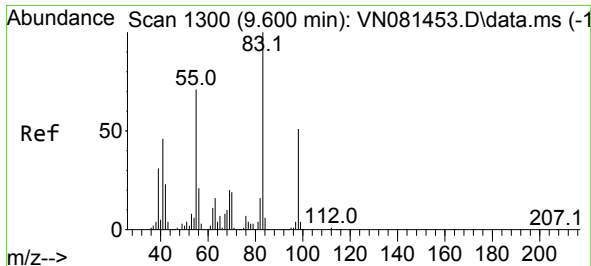
Ion Ratio Lower Upper

117 100

119 4.7 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.236 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

50297DL

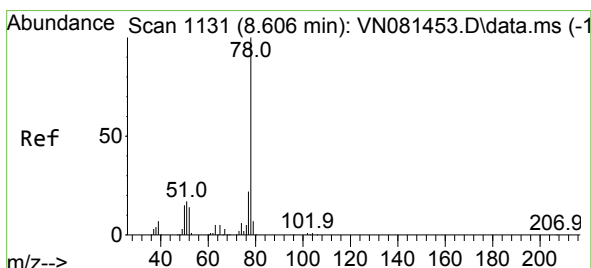
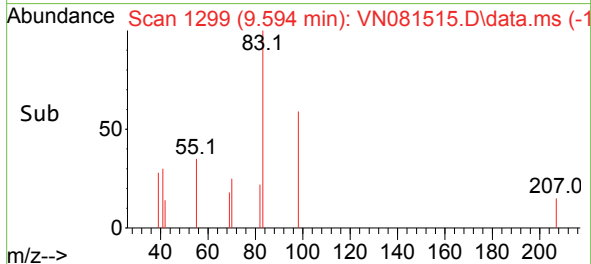
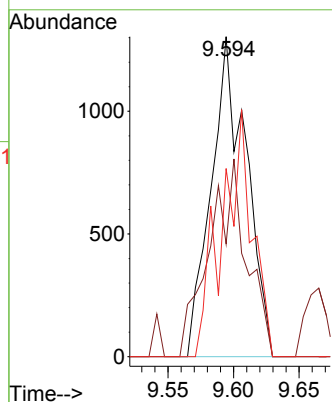
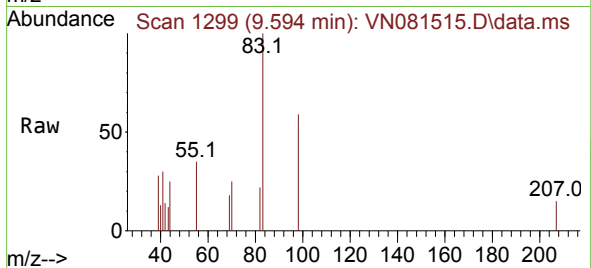
Tgt Ion: 83 Resp: 2432

Ion Ratio Lower Upper

83 100

55 35.3 65.7 98.5#

98 58.8 33.8 50.6#



#40

Benzene

Concen: 51.414 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081515.D

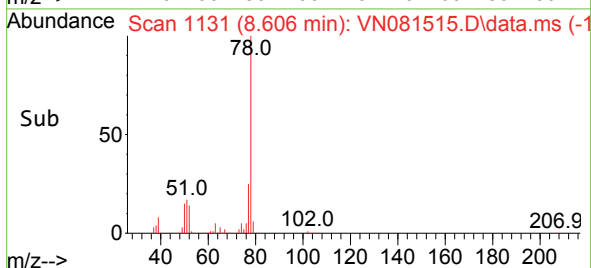
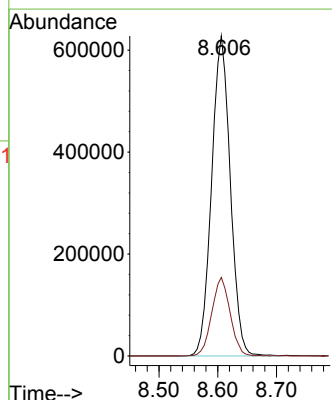
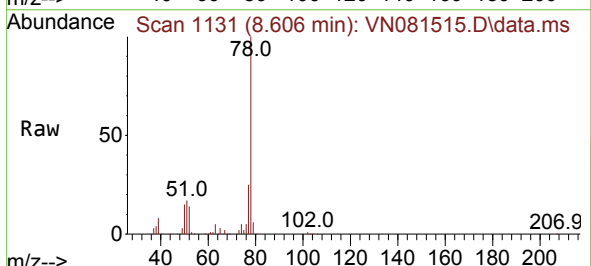
Acq: 21 Mar 2024 13:27

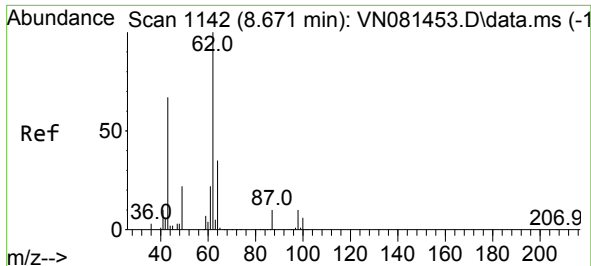
Tgt Ion: 78 Resp: 1387065

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6





#42

1,2-Dichloroethane

Concen: 1.472 ug/l

RT: 8.600 min Scan# 1142

Delta R.T. -0.070 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

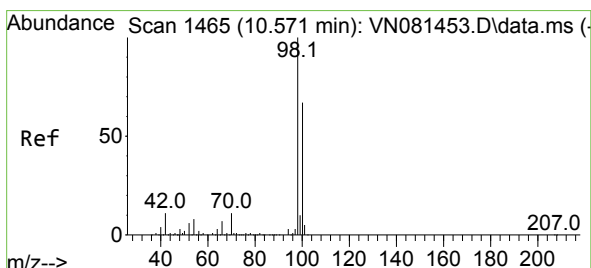
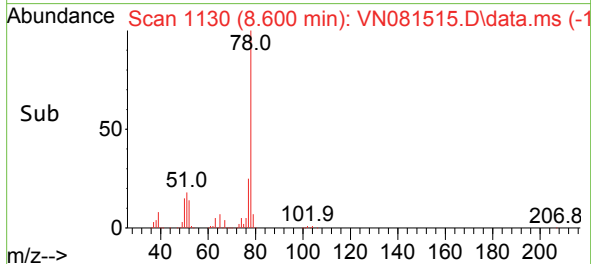
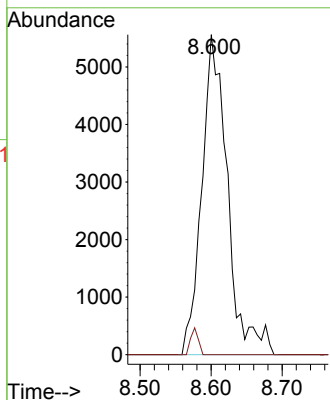
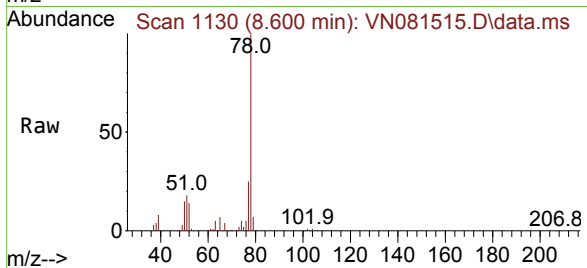
50297DL

Tgt Ion: 62 Resp: 13975

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#50

Toluene-d8

Concen: 50.674 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081515.D

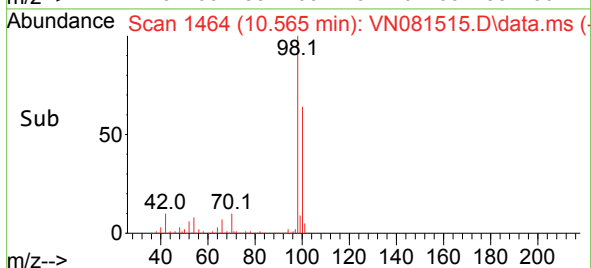
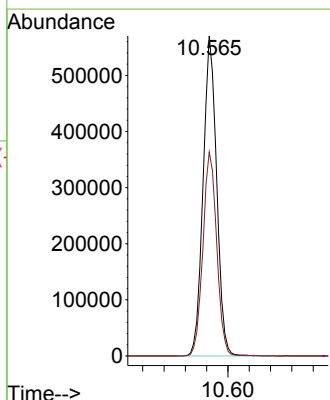
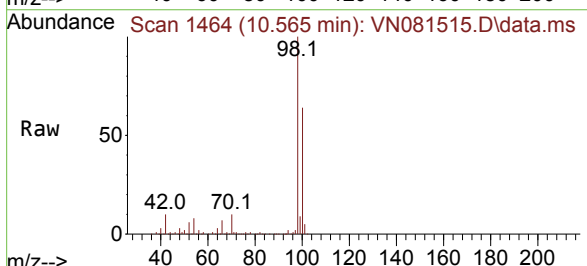
Acq: 21 Mar 2024 13:27

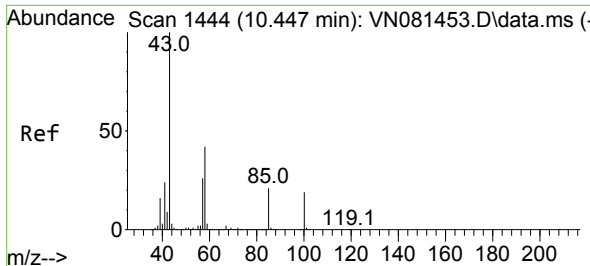
Tgt Ion: 98 Resp: 1004456

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

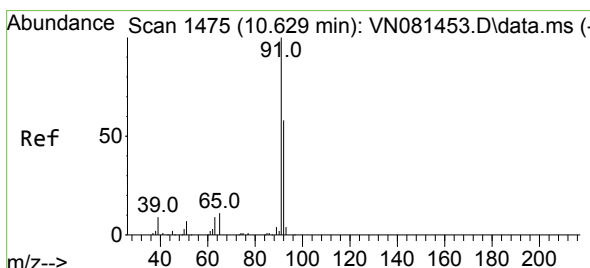
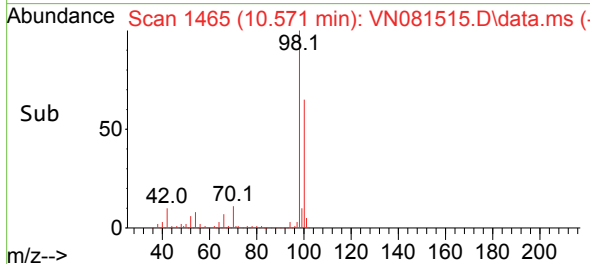
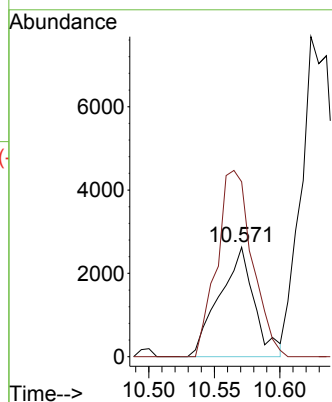
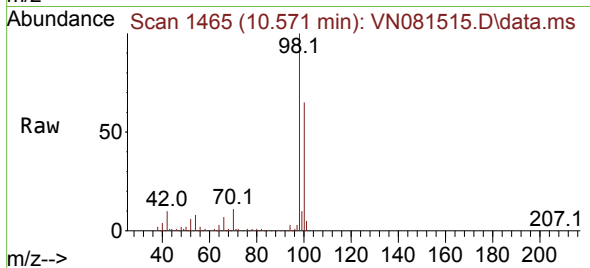




#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

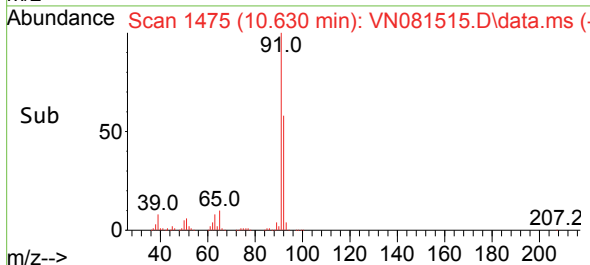
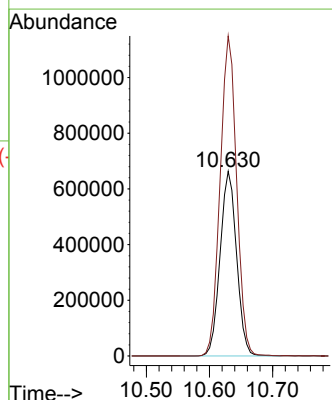
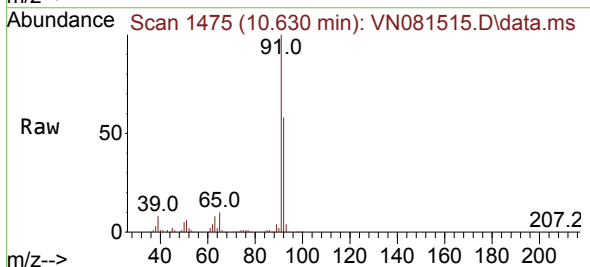
Instrument :
MSVOA_N
ClientSampleId :
50297DL

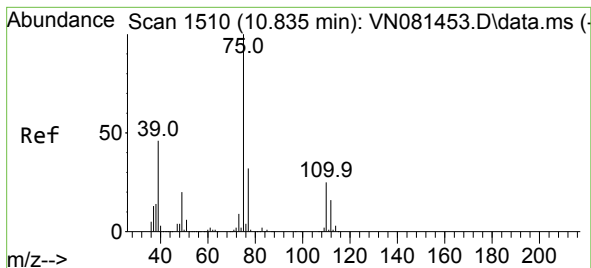
Tgt Ion: 43 Resp: 4853
Ion Ratio Lower Upper
43 100
58 173.0 29.4 44.0#



#52
Toluene
Concen: 69.893 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 92 Resp: 1198485
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0

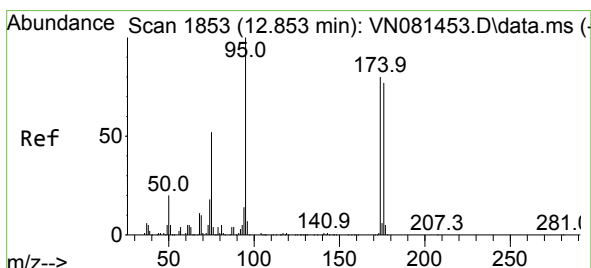
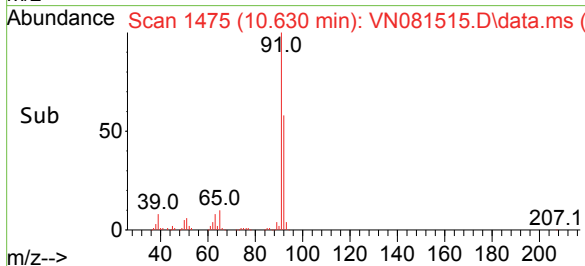
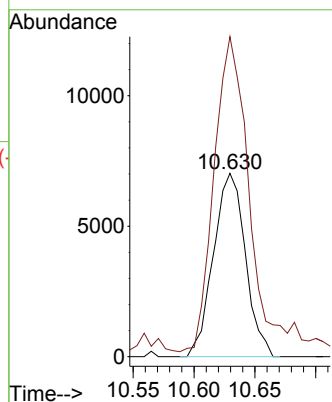
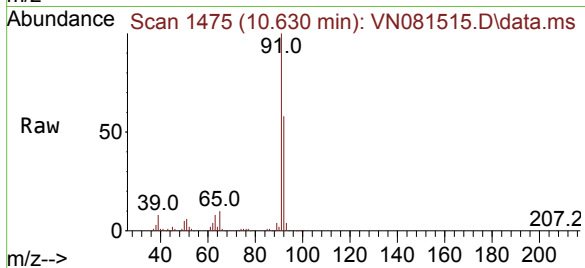




#53
t-1,3-Dichloropropene
Concen: 1.225 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

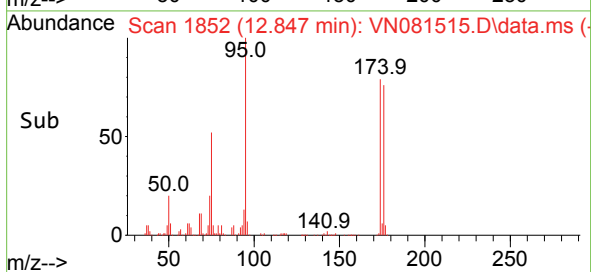
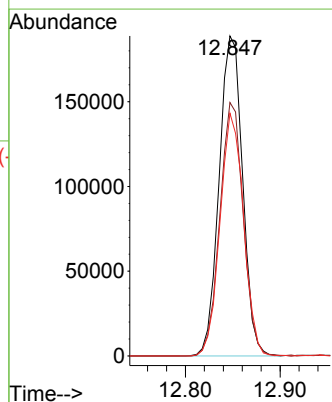
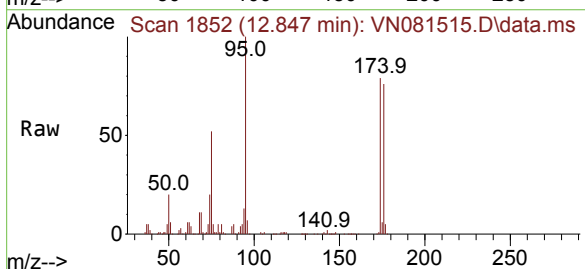
Instrument :
MSVOA_N
ClientSampleId :
50297DL

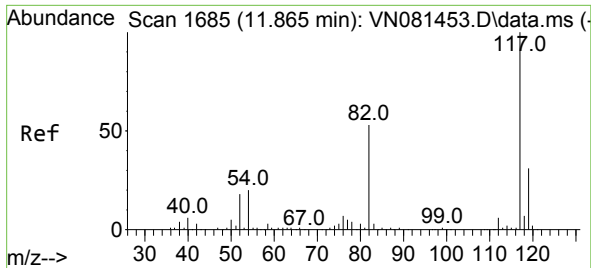
Tgt Ion: 75 Resp: 12838
Ion Ratio Lower Upper
75 100
77 171.8 25.5 38.3#



#62
4-Bromofluorobenzene
Concen: 46.549 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 95 Resp: 325120
Ion Ratio Lower Upper
95 100
174 79.0 0.0 120.4
176 76.1 0.0 121.0

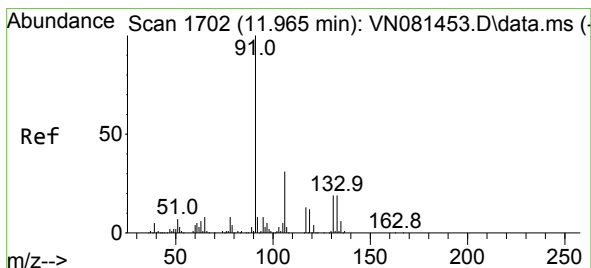
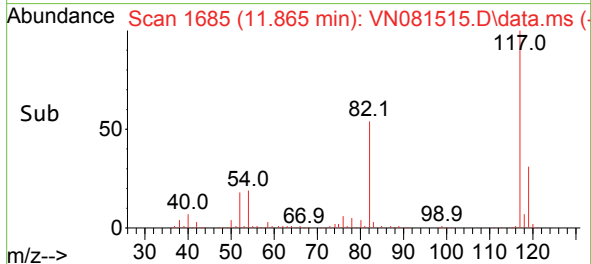
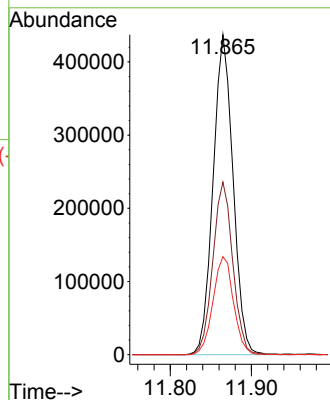
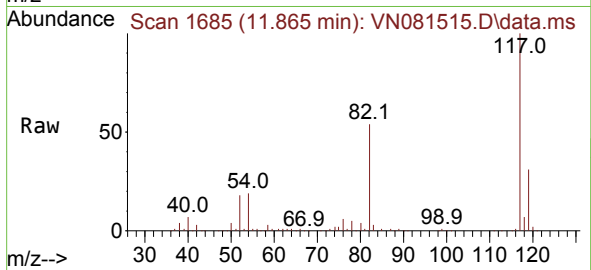




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

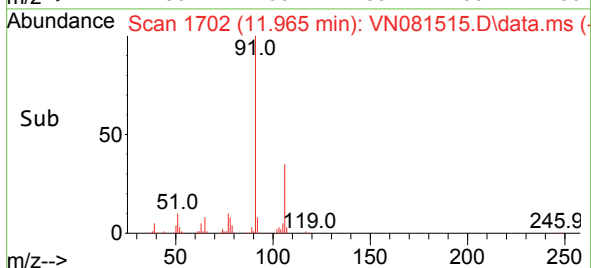
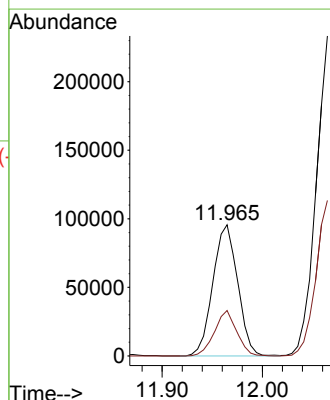
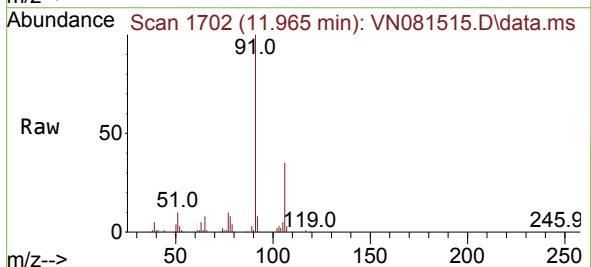
Instrument :
MSVOA_N
ClientSampleId :
50297DL

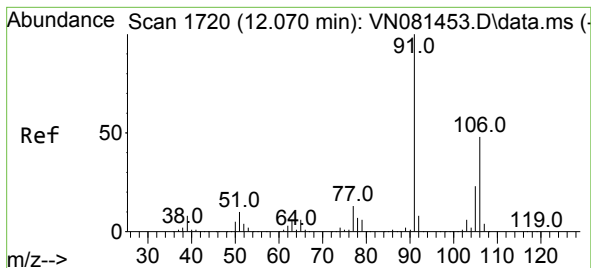
Tgt Ion:117 Resp: 746492
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 30.7 25.3 37.9



#67
Ethyl Benzene
Concen: 5.365 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 91 Resp: 164445
Ion Ratio Lower Upper
91 100
106 34.6 23.8 35.6

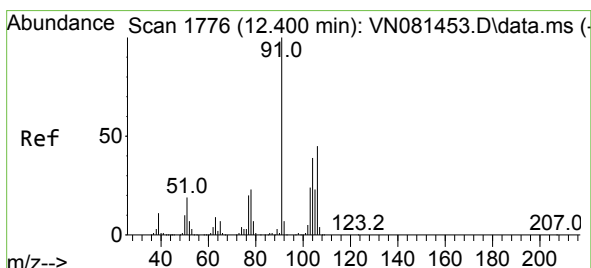
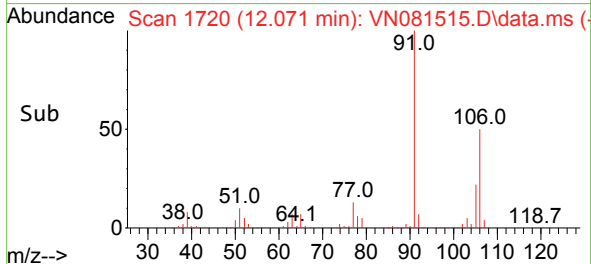
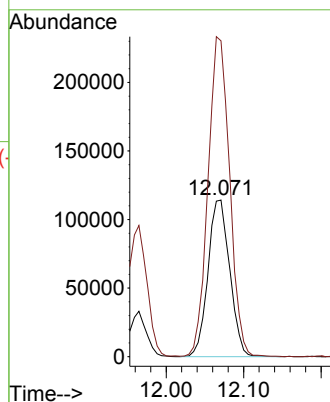
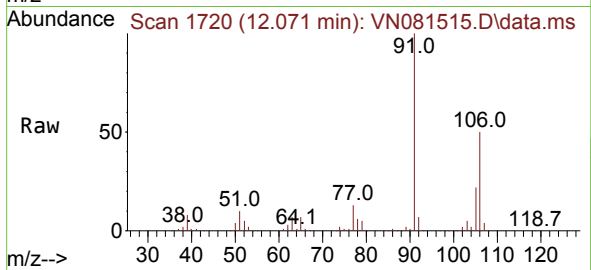




#68
m/p-Xylenes
Concen: 19.367 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

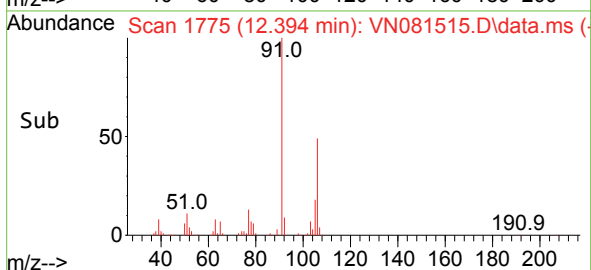
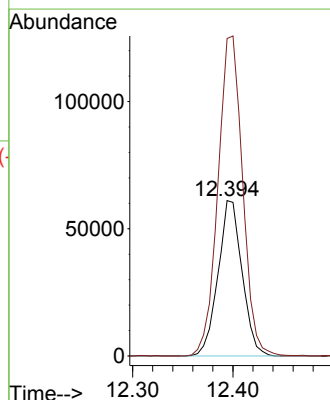
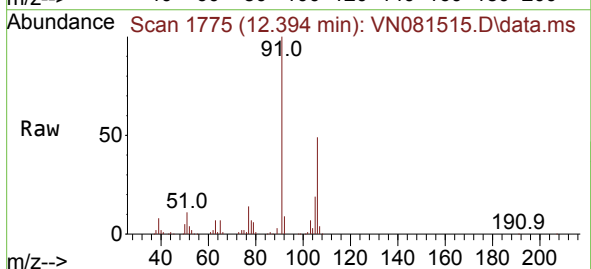
Instrument :
MSVOA_N
ClientSampleId :
50297DL

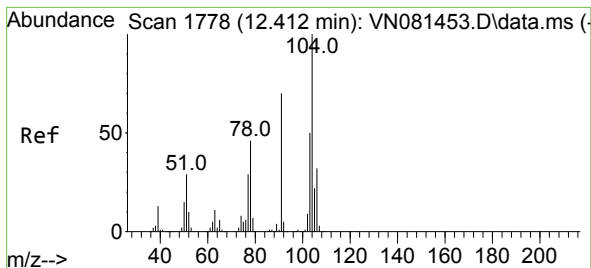
Tgt Ion:106 Resp: 222559
Ion Ratio Lower Upper
106 100
91 203.4 169.0 253.6



#69
o-Xylene
Concen: 9.022 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion:106 Resp: 101779
Ion Ratio Lower Upper
106 100
91 211.2 112.1 336.3





#70

Styrene

Concen: 0.346 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.017 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

50297DL

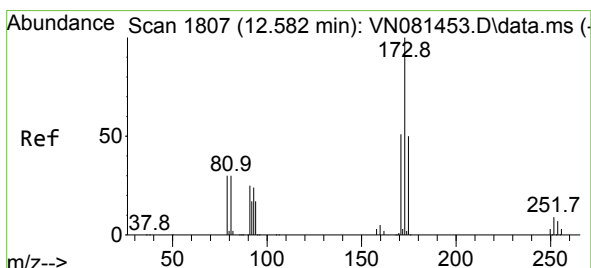
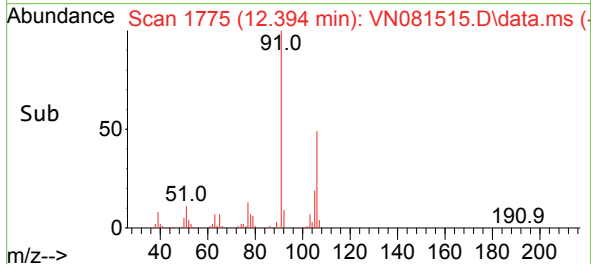
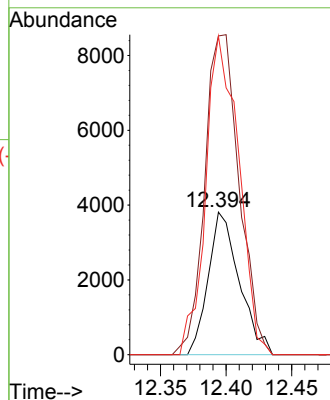
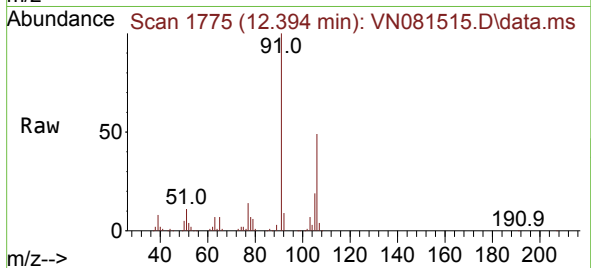
Tgt Ion:104 Resp: 6302

Ion Ratio Lower Upper

104 100

78 248.2 43.8 65.8#

103 237.0 44.2 66.2#



#71

Bromoform

Concen: 0.475 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.265 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

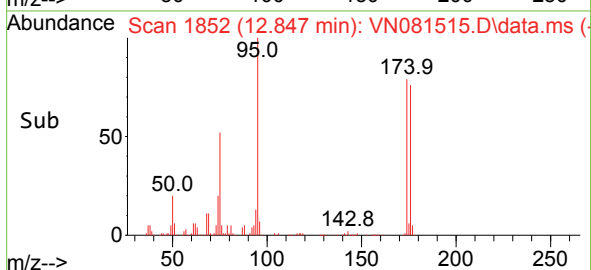
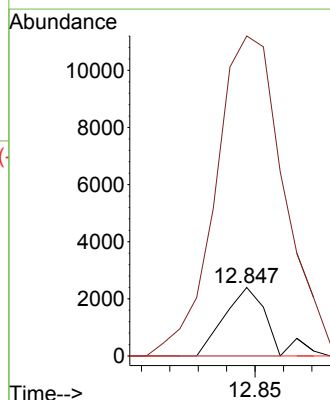
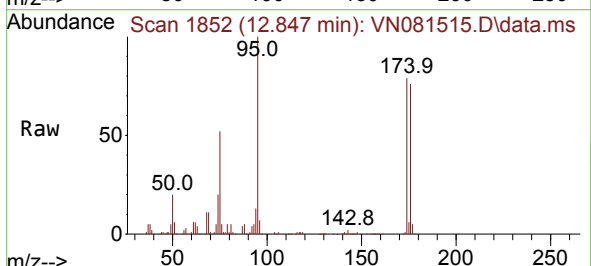
Tgt Ion:173 Resp: 2334

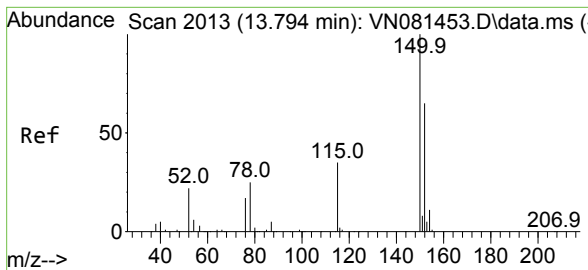
Ion Ratio Lower Upper

173 100

175 714.1 23.1 69.2#

254 0.0 0.0 0.0

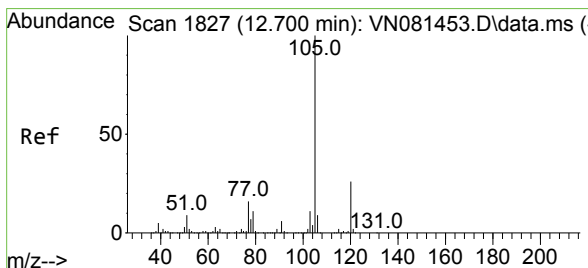
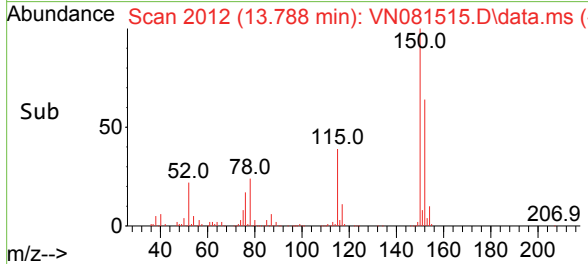
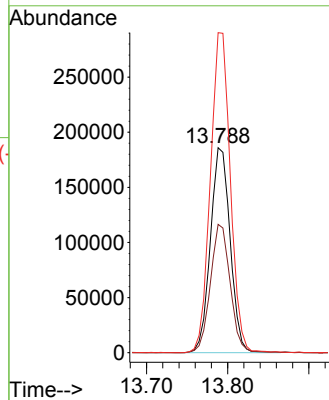
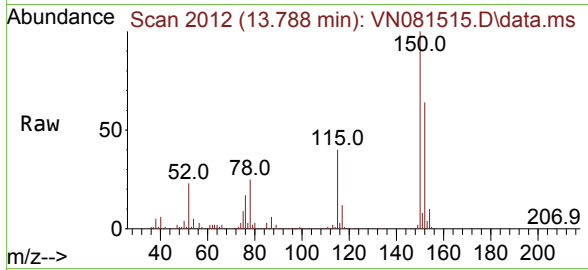




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

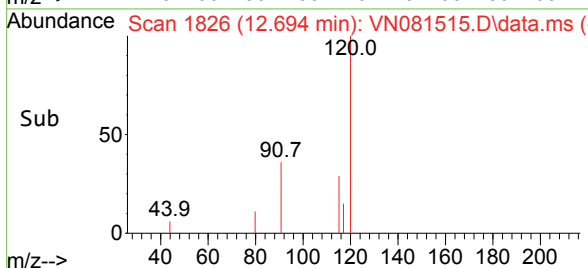
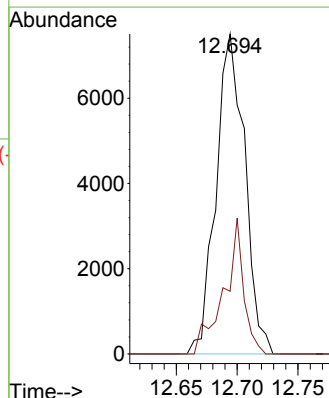
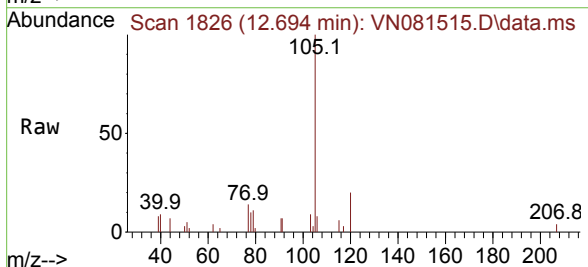
Instrument :
MSVOA_N
ClientSampleId :
50297DL

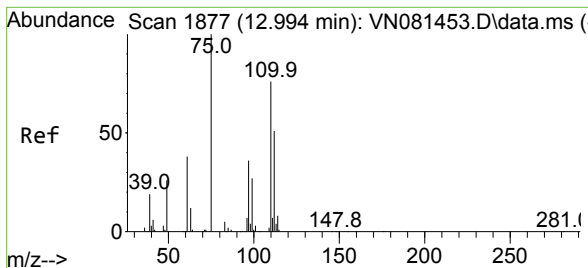
Tgt Ion:152 Resp: 314193
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 157.8 0.0 339.8



#73
Isopropylbenzene
Concen: 0.461 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion:105 Resp: 12351
Ion Ratio Lower Upper
105 100
120 29.1 12.6 37.6





#76

1,2,3-Trichloropropane

Concen: 22.777 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

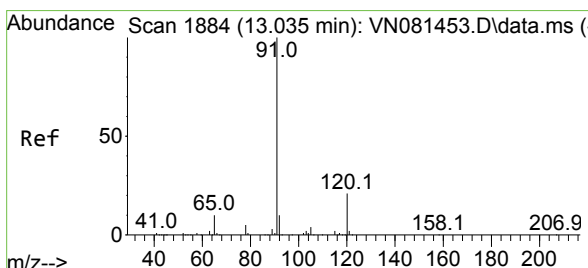
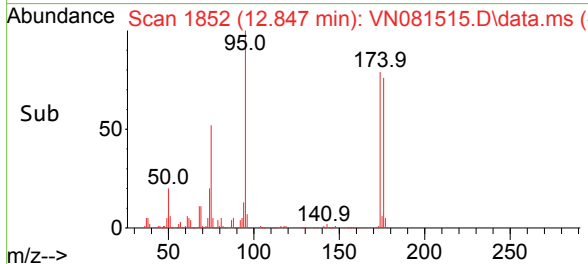
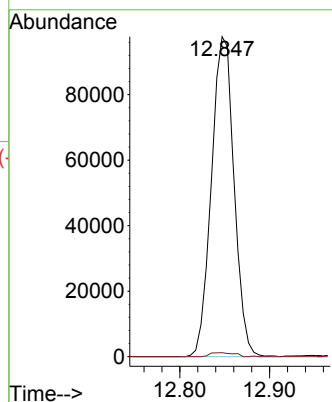
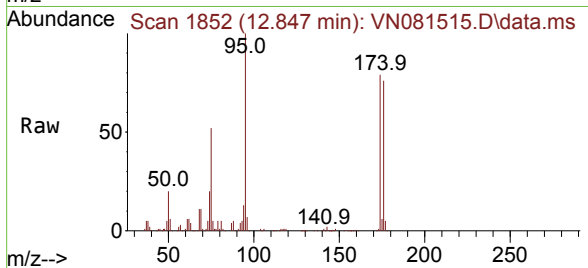
50297DL

Tgt Ion: 75 Resp: 171181

Ion Ratio Lower Upper

75 100

77 1.3 91.0 272.8#



#78

n-propylbenzene

Concen: 1.118 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN081515.D

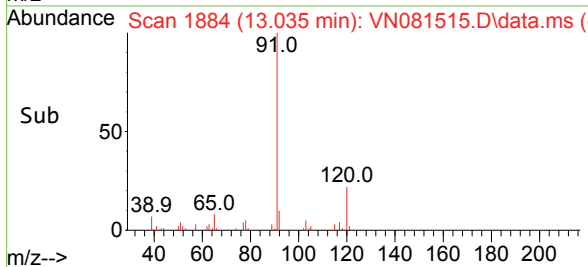
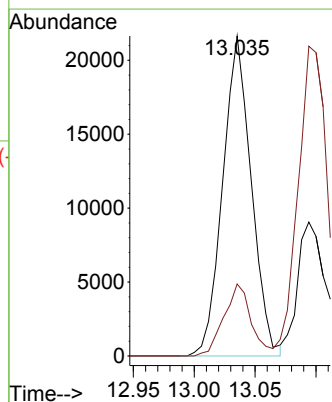
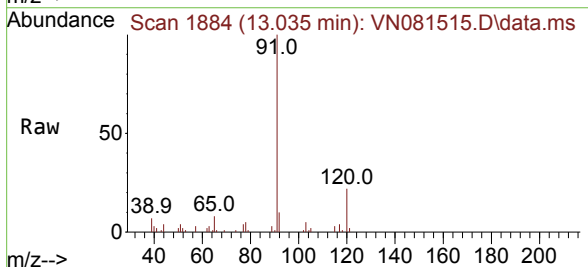
Acq: 21 Mar 2024 13:27

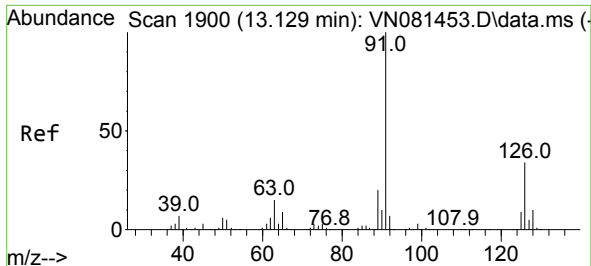
Tgt Ion: 91 Resp: 35362

Ion Ratio Lower Upper

91 100

120 21.5 10.3 30.9

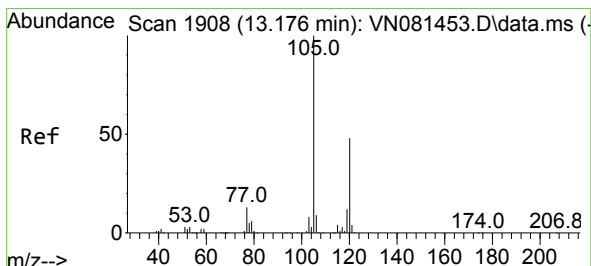
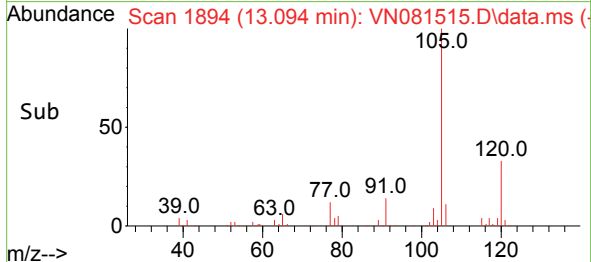
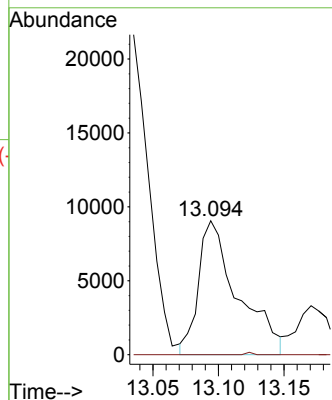
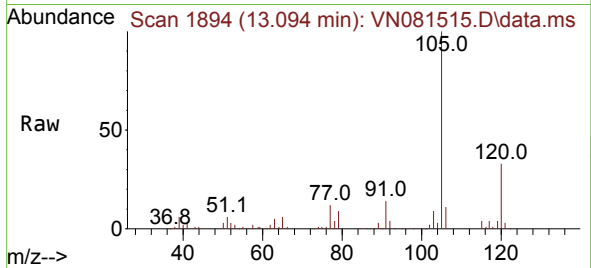




#79
2-Chlorotoluene
Concen: 1.004 ug/l
RT: 13.094 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

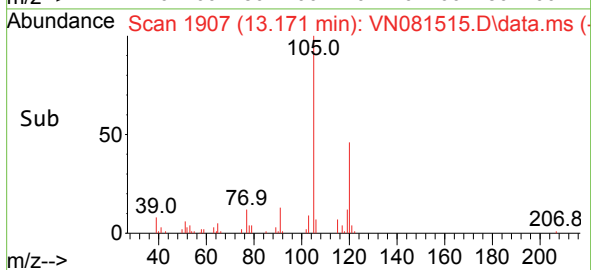
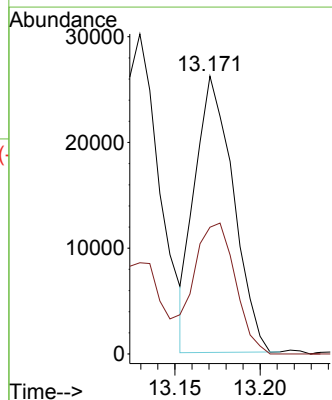
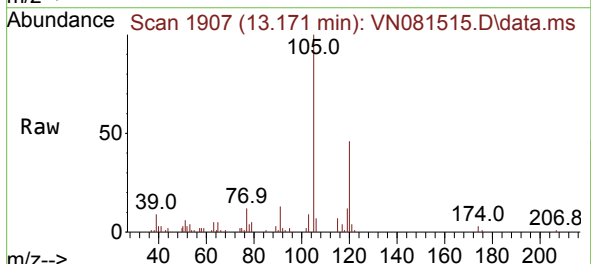
Instrument :
MSVOA_N
ClientSampleId :
50297DL

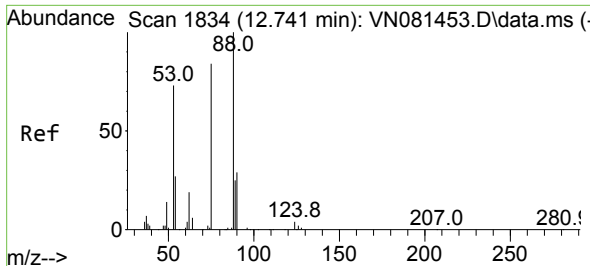
Tgt Ion: 91 Resp: 19008
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#



#80
1,3,5-Trimethylbenzene
Concen: 1.846 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 105 Resp: 40832
Ion Ratio Lower Upper
105 100
120 52.9 23.0 69.0

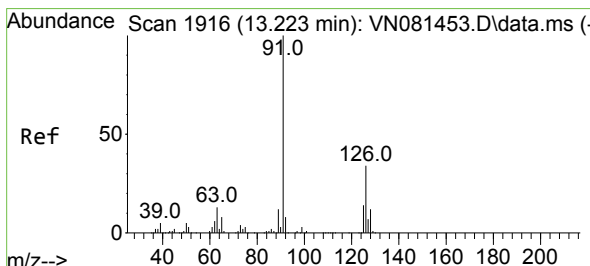
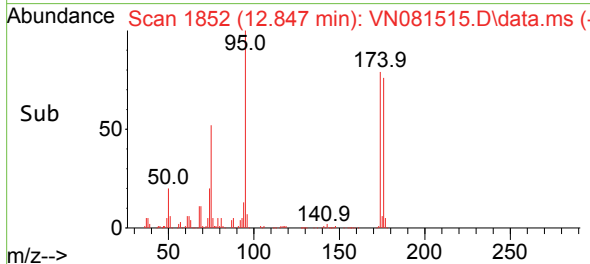
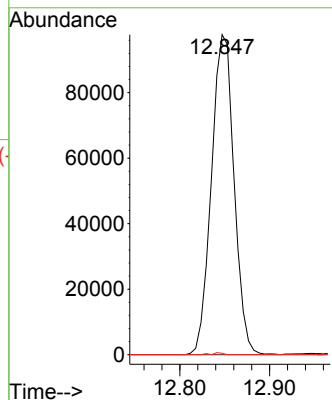
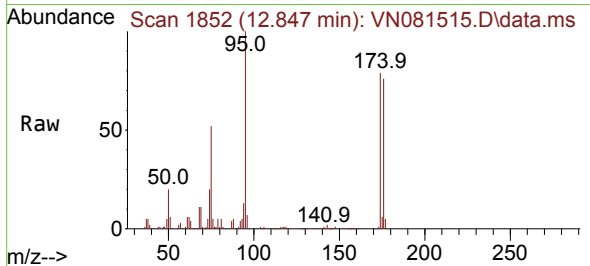




#81
trans-1,4-Dichloro-2-butene
Concen: 61.550 ug/l
RT: 12.847 min Scan# 111
Delta R.T. 0.106 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

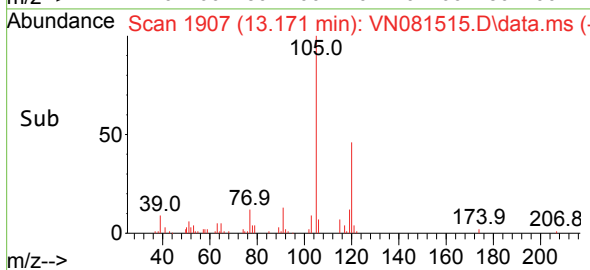
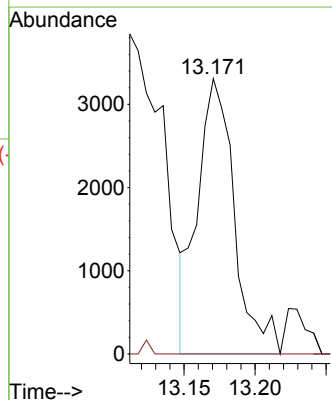
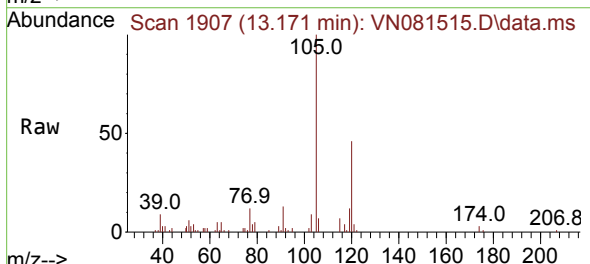
Instrument :
MSVOA_N
ClientSampleId :
50297DL

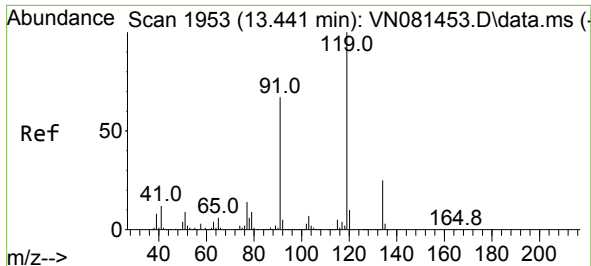
Tgt Ion: 75 Resp: 171181
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.3 33.4 50.0#



#82
4-Chlorotoluene
Concen: 0.319 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion: 91 Resp: 5962
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#

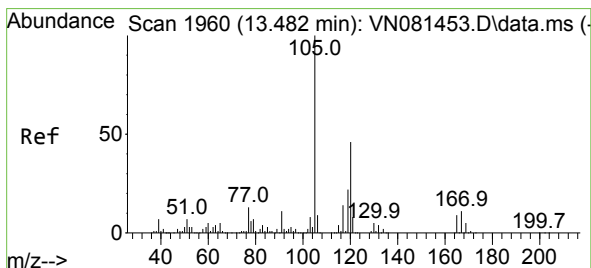
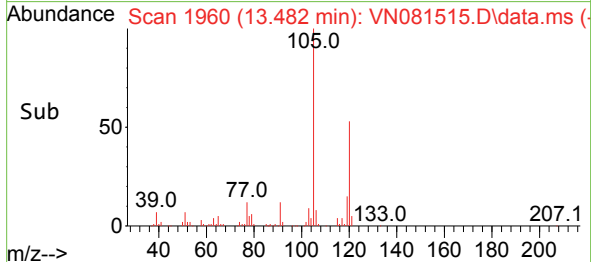
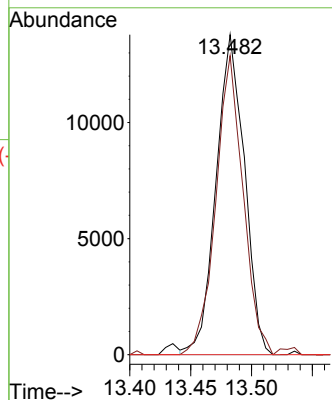
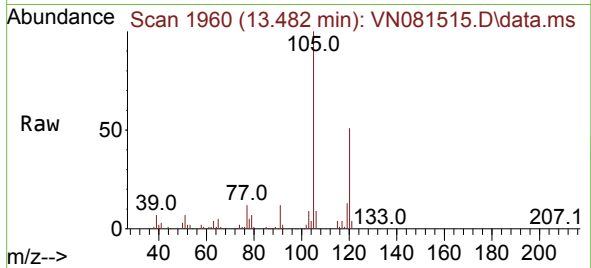




#83
tert-Butylbenzene
Concen: 1.171 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.041 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

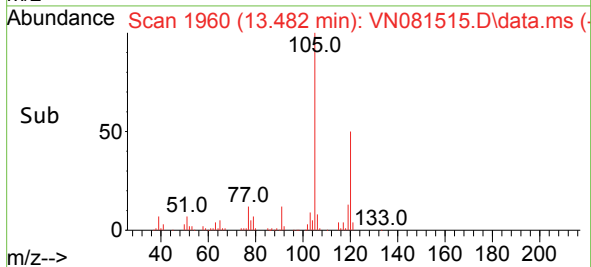
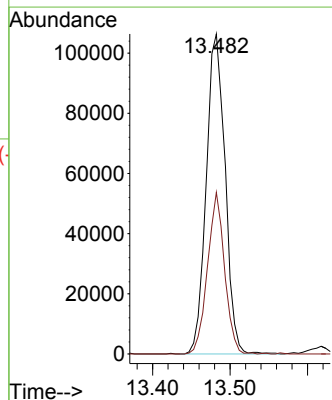
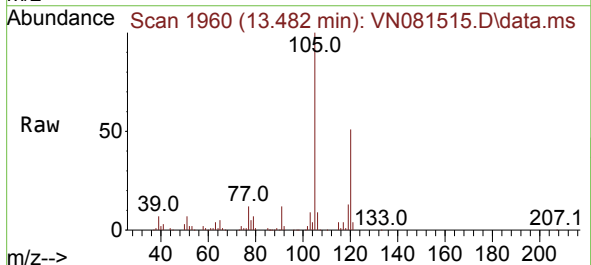
Instrument :
MSVOA_N
ClientSampleId :
50297DL

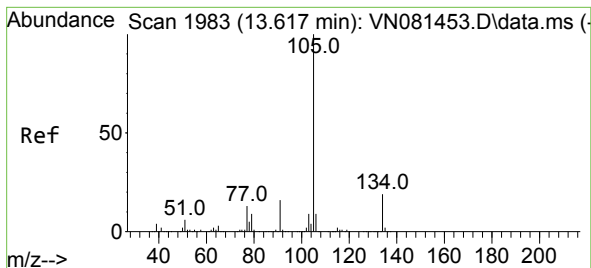
Tgt Ion:119 Resp: 22328
Ion Ratio Lower Upper
119 100
91 90.6 36.8 110.4
134 0.0 12.4 37.4#



#84
1,2,4-Trimethylbenzene
Concen: 8.078 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Tgt Ion:105 Resp: 179598
Ion Ratio Lower Upper
105 100
120 45.7 20.9 62.7





#85

sec-Butylbenzene

Concen: 6.586 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

Instrument :

MSVOA_N

ClientSampleId :

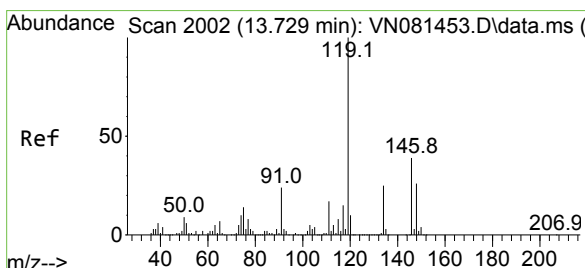
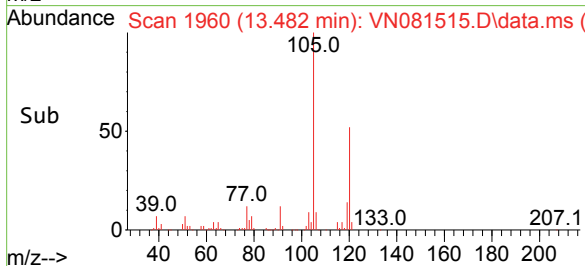
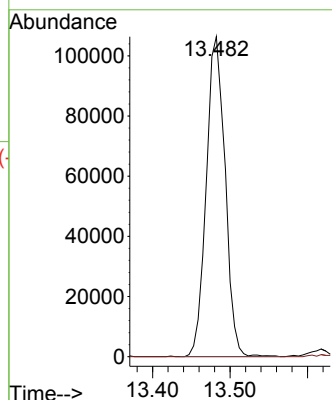
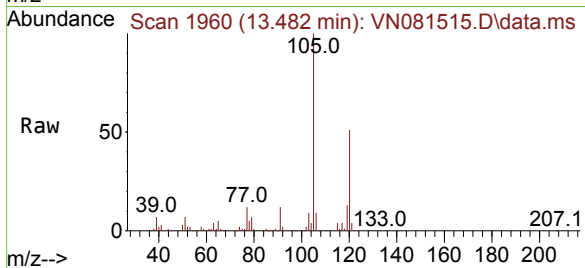
50297DL

Tgt Ion:105 Resp: 179598

Ion Ratio Lower Upper

105 100

134 0.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 0.283 ug/l

RT: 13.671 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

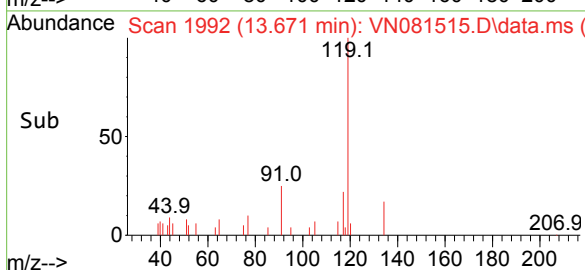
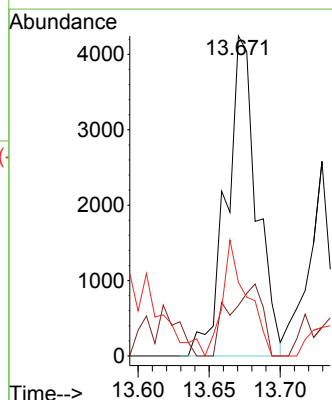
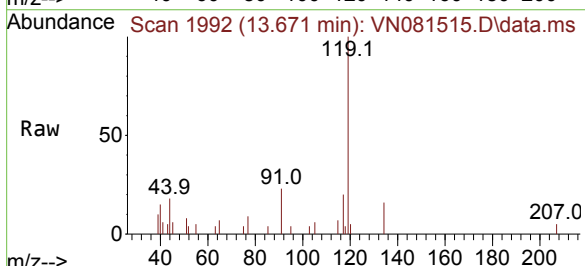
Tgt Ion:119 Resp: 6303

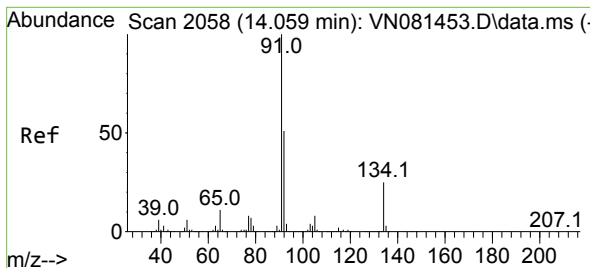
Ion Ratio Lower Upper

119 100

134 24.4 12.4 37.2

91 29.4 13.5 40.4





#89

n-Butylbenzene

Concen: 0.274 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

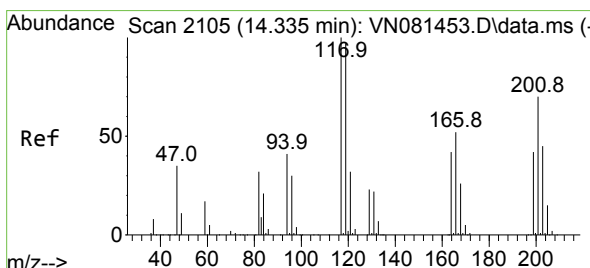
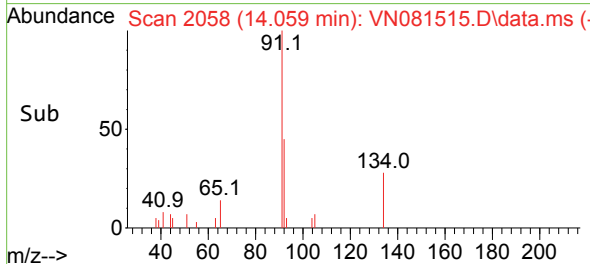
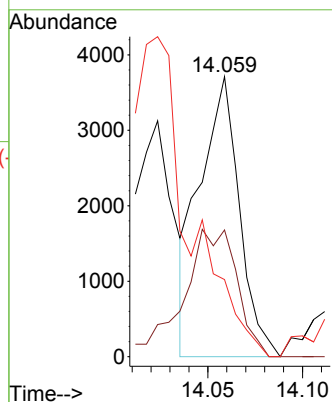
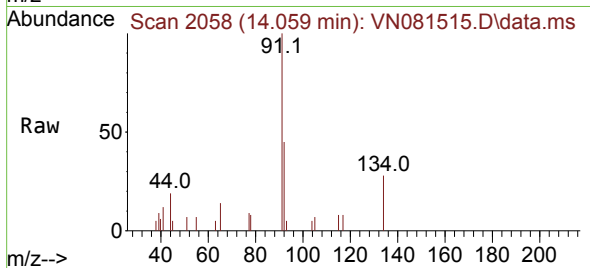
Instrument :

MSVOA_N

ClientSampleId :

50297DL

Tgt Ion:	91	Resp:	5412
Ion Ratio	Lower	Upper	
91	100		
92	59.3	26.7	80.1
134	0.0	10.8	32.4



#90

Hexachloroethane

Concen: 0.444 ug/l

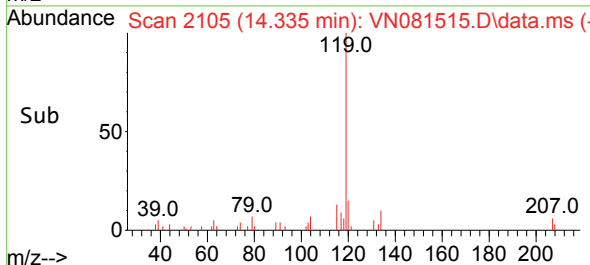
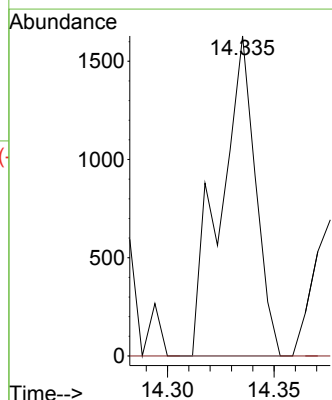
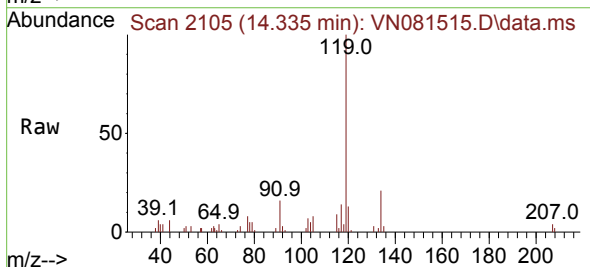
RT: 14.335 min Scan# 2105

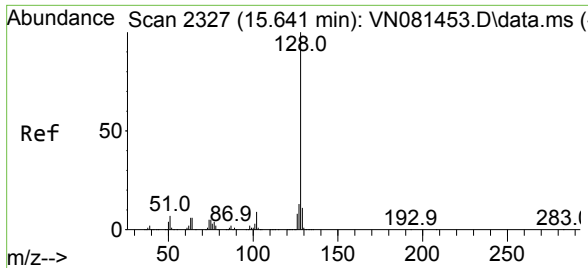
Delta R.T. 0.000 min

Lab File: VN081515.D

Acq: 21 Mar 2024 13:27

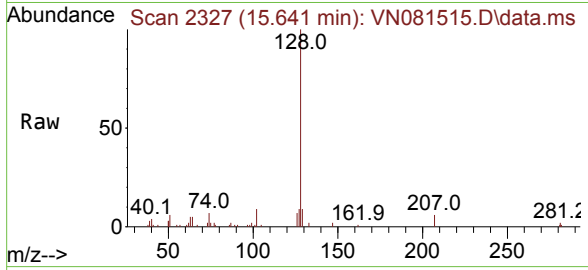
Tgt Ion:	117	Resp:	1875
Ion Ratio	Lower	Upper	
117	100		
201	0.0	30.0	90.0





#95
Naphthalene
Concen: 1.301 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081515.D
Acq: 21 Mar 2024 13:27

Instrument :
MSVOA_N
ClientSampleId :
50297DL



Tgt Ion:	128	Resp:	28525
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	11.8	8.7	13.1

