

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081937.D
 Acq On : 30 Apr 2024 17:41
 Operator : JC\MD
 Sample : P2183-04
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 06:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	412901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	165453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	155439	43.805	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.620%		
35) Dibromofluoromethane	8.165	113	119355	48.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	10.565	98	496187	50.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.640%		
62) 4-Bromofluorobenzene	12.853	95	185109	47.960	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.920%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	475	Below Cal	#	73
11) Tert butyl alcohol	5.500	59	3082	4.778	ug/l #	76
13) Acrolein	4.177	56	118	Below Cal	#	1
16) Acetone	4.436	43	24937	18.707	ug/l #	88
18) Methyl Acetate	5.024	43	13843	3.852	ug/l #	88
20) Methylene Chloride	5.242	84	1085	0.357	ug/l #	80
25) 2-Butanone	7.477	43	2615	1.298	ug/l #	43
29) Tetrahydrofuran	7.841	42	824	0.571	ug/l #	58
31) Cyclohexane	8.218	56	11840	2.215	ug/l #	54
36) 1,1-Dichloropropene	8.218	75	19424	4.803	ug/l #	48
38) Carbon Tetrachloride	8.218	117	23046	5.830	ug/l #	16
39) Methylcyclohexane	9.606	83	2830	0.576	ug/l #	69
41) Methacrylonitrile	7.753	41	566	0.203	ug/l #	19
43) Isopropyl Acetate	8.688	43	29051	3.533	ug/l #	54
48) Methyl methacrylate	9.677	41	1887	0.481	ug/l #	58
51) 4-Methyl-2-Pentanone	10.453	43	13178	2.847	ug/l	89
52) Toluene	10.630	92	681093	93.675	ug/l	99
53) t-1,3-Dichloropropene	10.630	75	9002	1.786	ug/l #	1
59) 2-Hexanone	11.194	43	2128	0.618	ug/l #	33
67) Ethyl Benzene	11.965	91	245068	16.770	ug/l	98
68) m/p-Xylenes	12.071	106	278246	53.381	ug/l	97
69) o-Xylene	12.400	106	66476	13.063	ug/l	92
70) Styrene	12.412	104	6055	0.688	ug/l #	1
71) Bromoform	12.847	173	940	0.468	ug/l #	28
73) Isopropylbenzene	12.712	105	3061	0.208	ug/l	99
74) N-amyl acetate	12.459	43	52878	6.456	ug/l #	43
76) 1,2,3-Trichloropropane	12.853	75	101313	23.617	ug/l #	1
78) n-propylbenzene	13.035	91	6146	0.344	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	13629	1.095	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	101313	48.394	ug/l #	12
83) tert-Butylbenzene	13.482	119	6075	0.586	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.482	105	48585	3.908	ug/l	100
89) n-Butylbenzene	14.053	91	2282	0.209	ug/l #	69
90) Hexachloroethane	14.323	117	818	0.355	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.753	75	474	0.441	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.388	180	1525	0.495	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

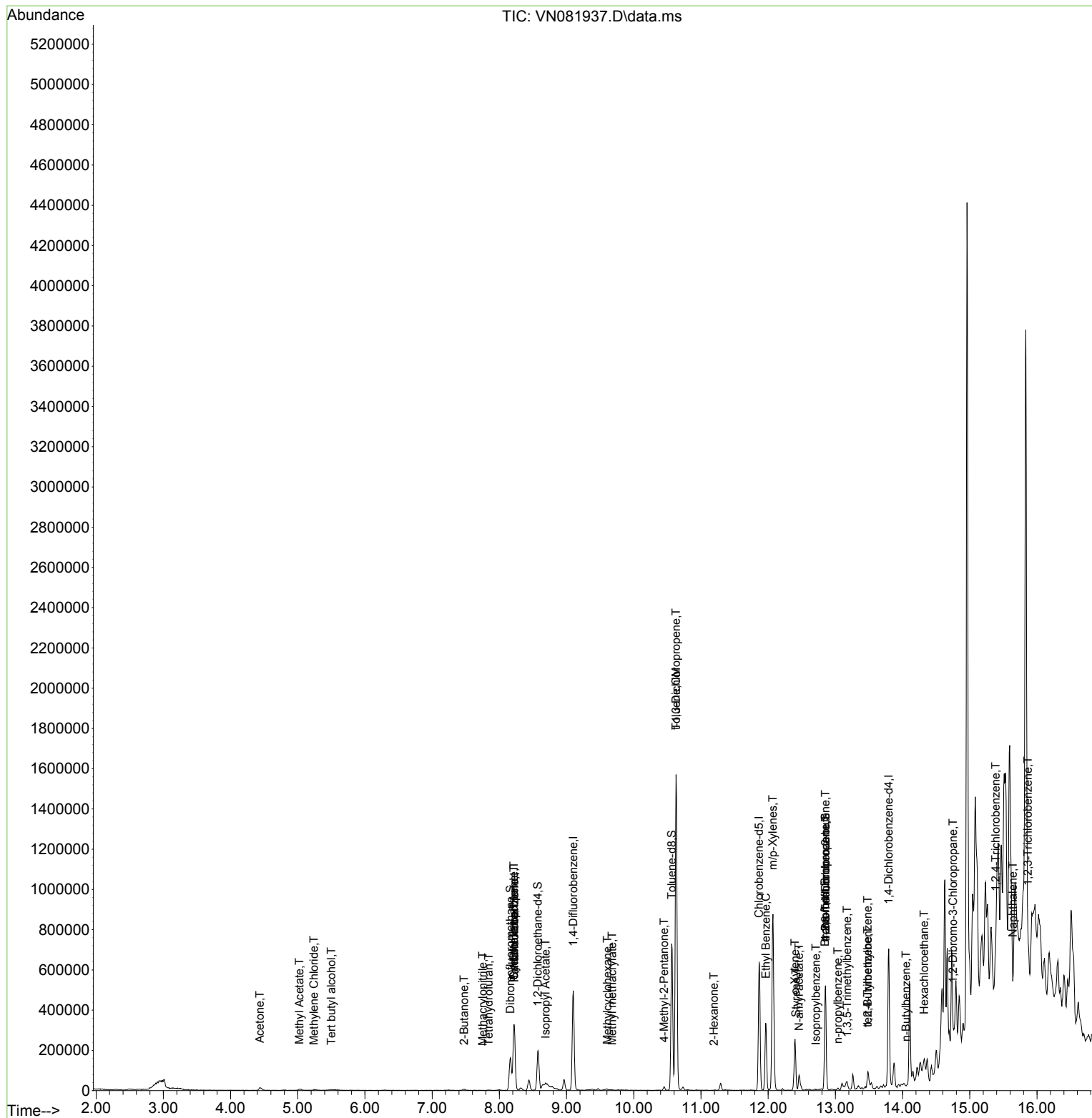
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.641	128	2846	0.244	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.864	180	11138	3.766	ug/l #	26

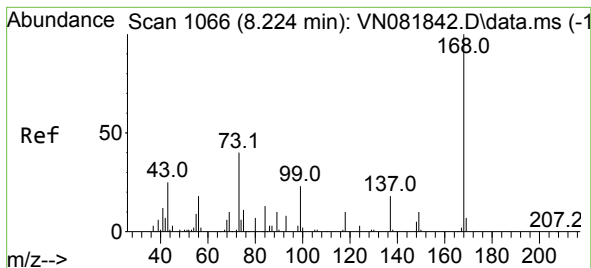
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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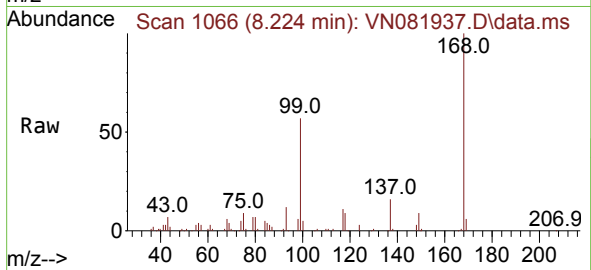
Quant Time: May 01 06:01:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
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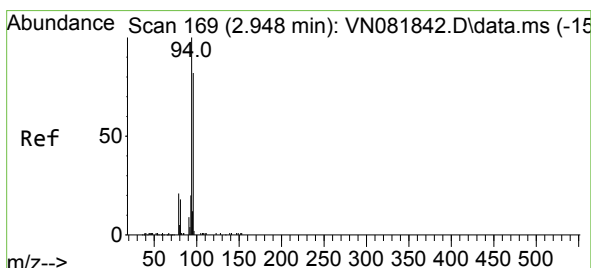
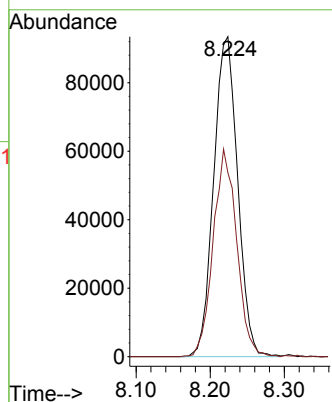
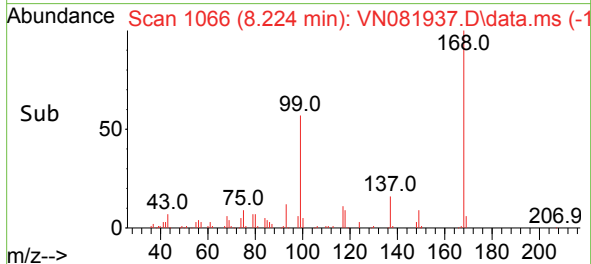


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

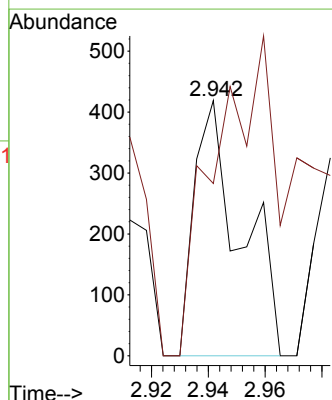
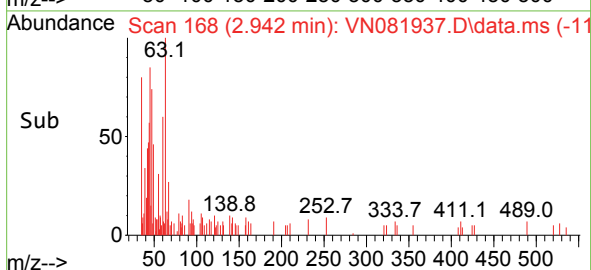
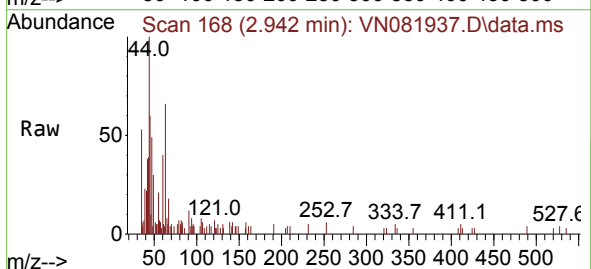


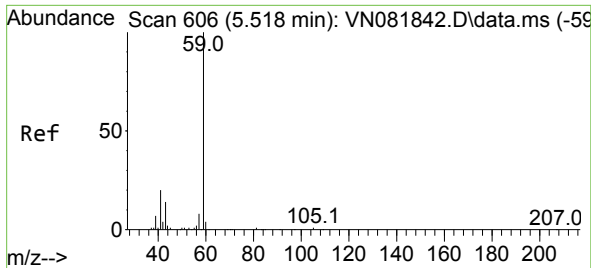
Tgt Ion:168 Resp: 210248
Ion Ratio Lower Upper
168 100
99 57.5 48.2 72.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

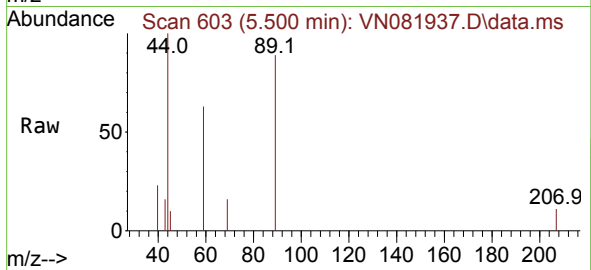
Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 67.5 74.8 112.2#



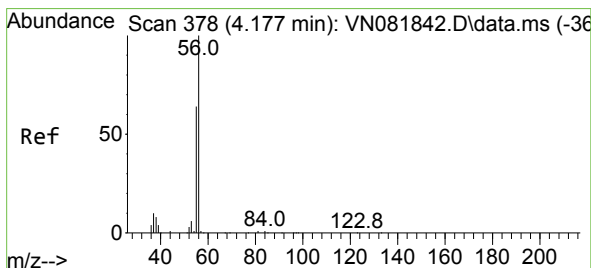
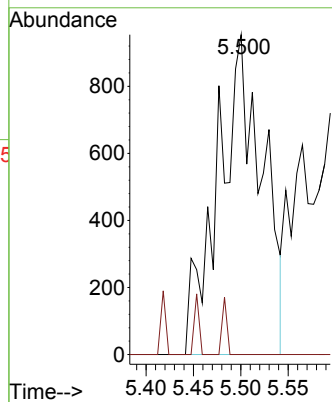
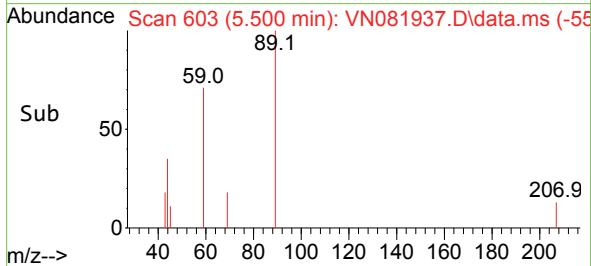


#11
Tert butyl alcohol
Concen: 4.778 ug/l
RT: 5.500 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

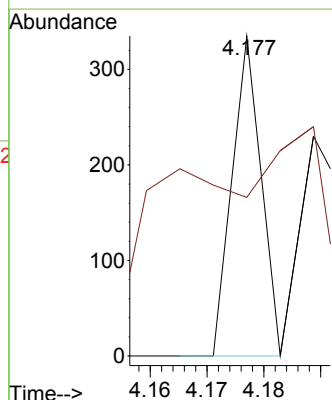
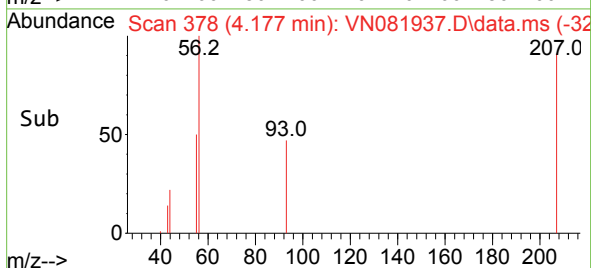
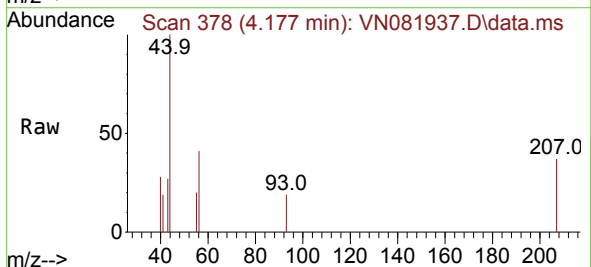


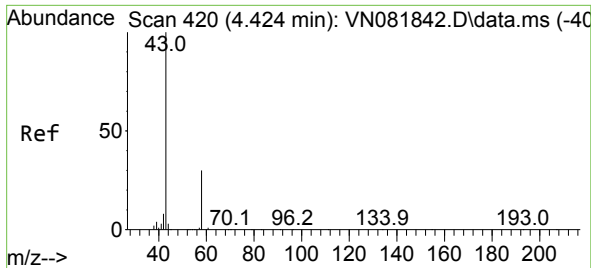
Tgt Ion: 59 Resp: 3082
Ion Ratio Lower Upper
59 100
57 1.9 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 213.6 55.8 83.8#

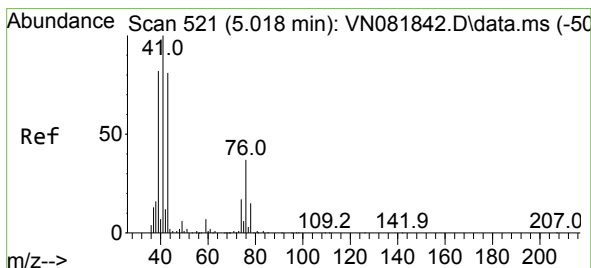
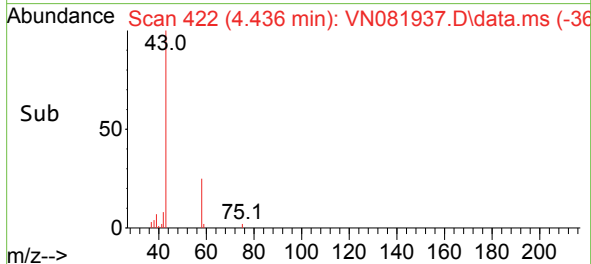
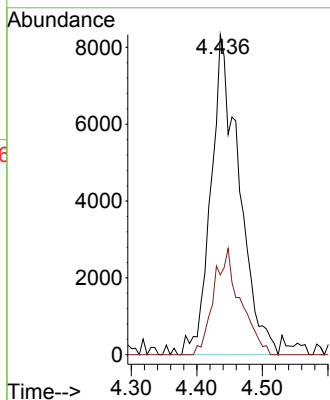
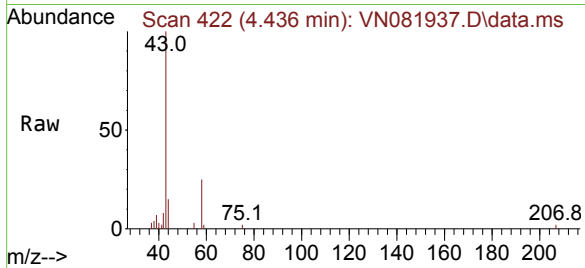




#16
Acetone
Concen: 18.707 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

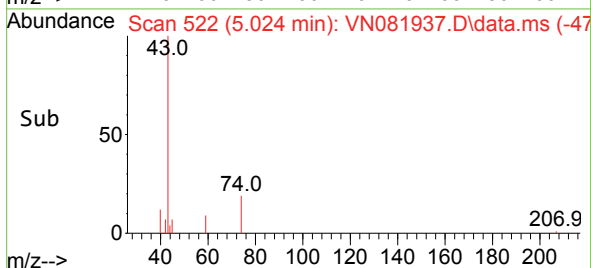
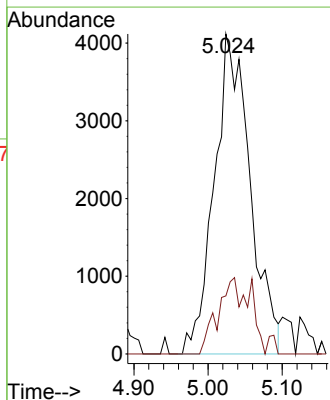
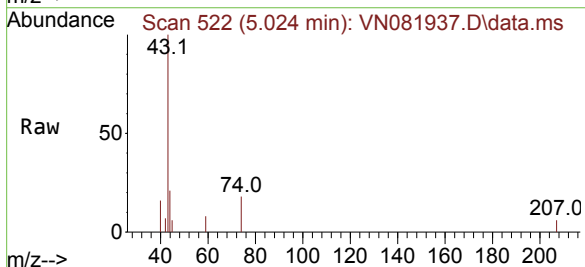
Instrument :
MSVOA_N
ClientSampleId :

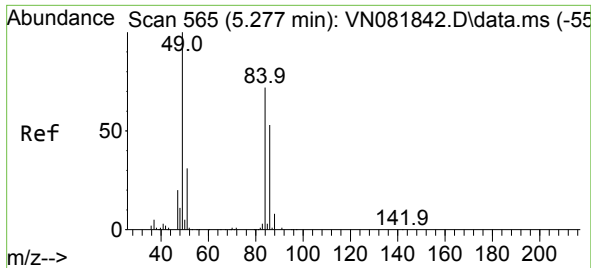
Tgt Ion: 43 Resp: 24937
Ion Ratio Lower Upper
43 100
58 24.9 25.2 37.8#



#18
Methyl Acetate
Concen: 3.852 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

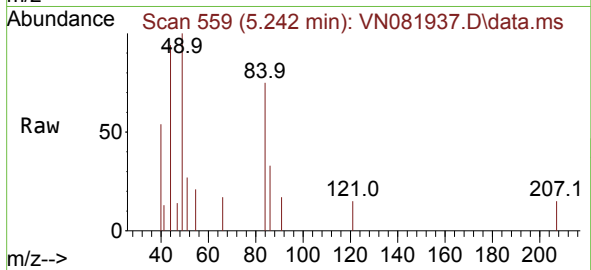
Tgt Ion: 43 Resp: 13843
Ion Ratio Lower Upper
43 100
74 21.2 22.2 33.2#



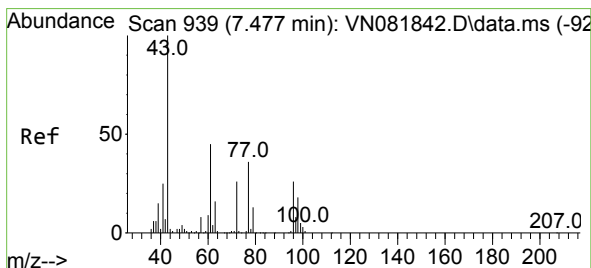
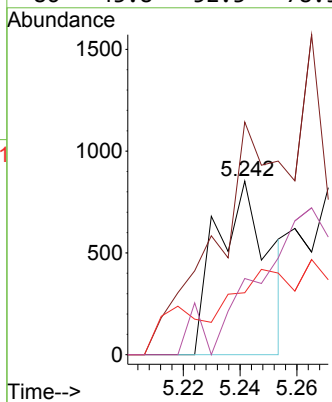
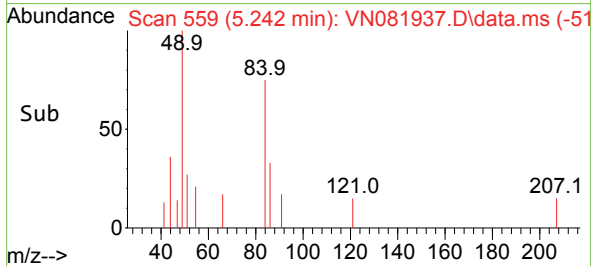


#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 5.242 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

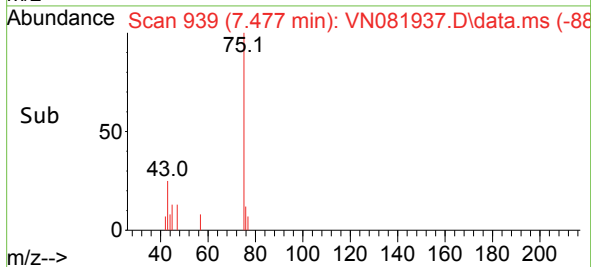
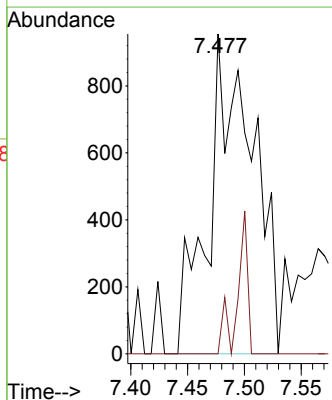
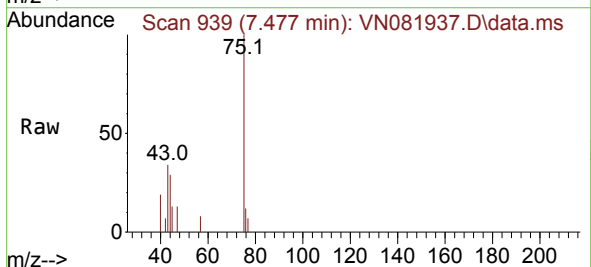


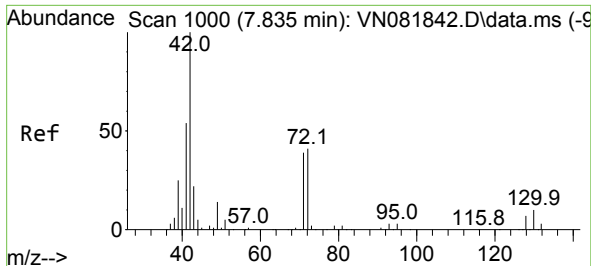
Tgt Ion:	84	Resp:	1085
Ion	Ratio	Lower	Upper
84	100		
49	98.4	84.9	127.3
51	7.7	27.0	40.6#
86	43.8	52.3	78.5#



#25
2-Butanone
Concen: 1.298 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion:	43	Resp:	2615
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#





#29

Tetrahydrofuran

Concen: 0.571 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

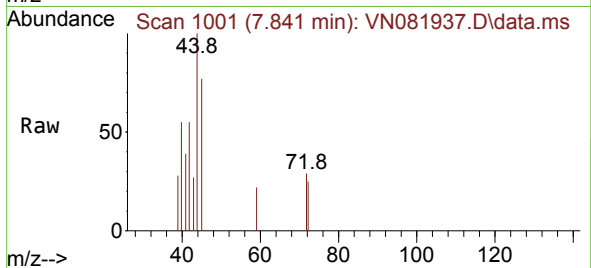
Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

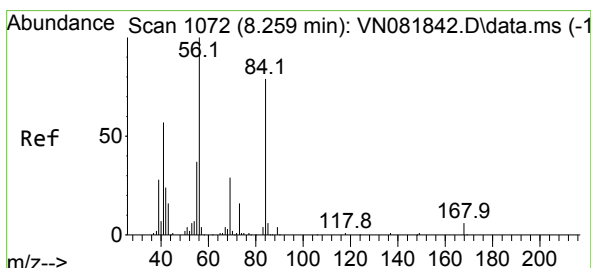
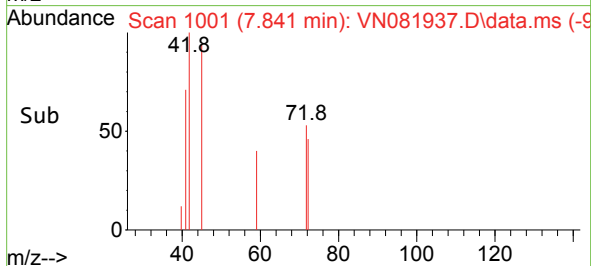
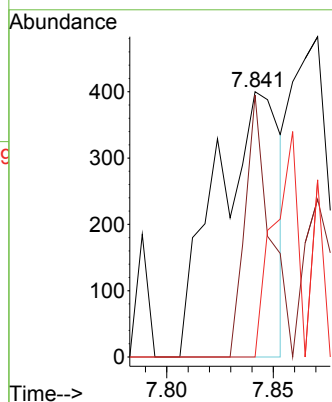
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	824
Ion Ratio	Lower	Upper	
42	100		
72	38.6	39.3	58.9#
71	0.0	37.4	56.0#



#31

Cyclohexane

Concen: 2.215 ug/l

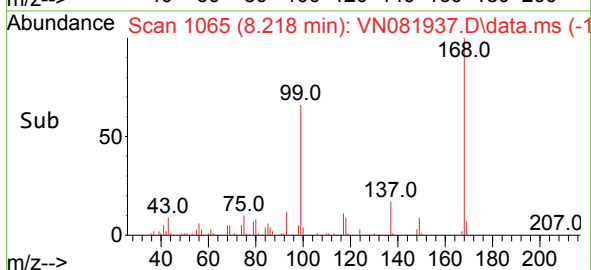
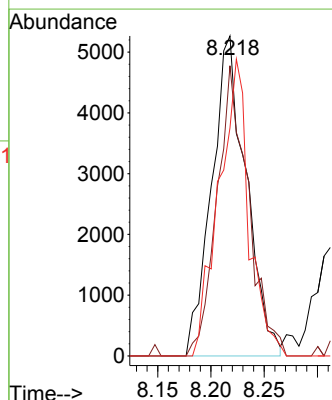
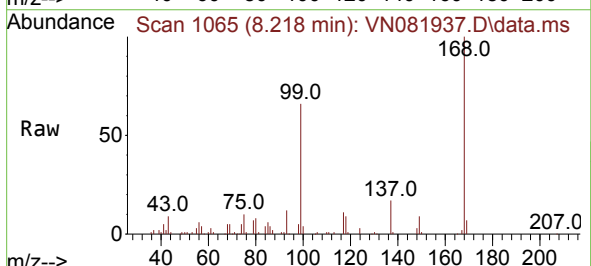
RT: 8.218 min Scan# 1065

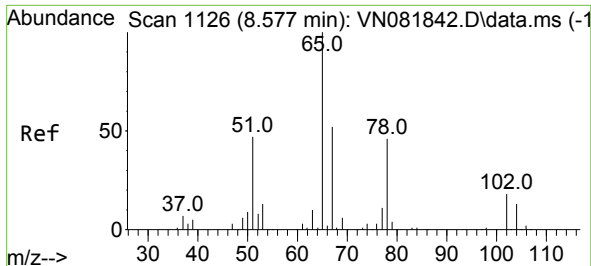
Delta R.T. -0.041 min

Lab File: VN081937.D

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Tgt Ion:	56	Resp:	11840
Ion Ratio	Lower	Upper	
56	100		
69	90.7	24.4	36.6#
84	71.3	77.0	115.4#





#33

1,2-Dichloroethane-d4

Concen: 43.805 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

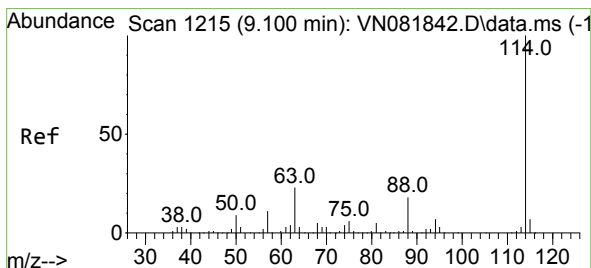
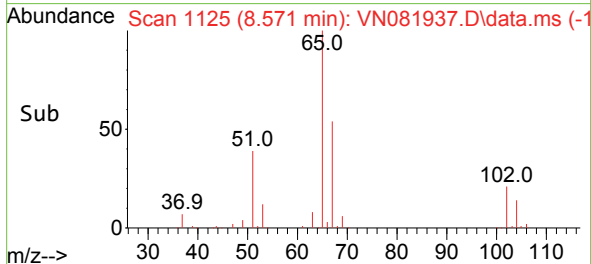
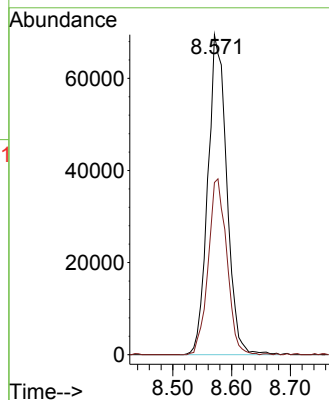
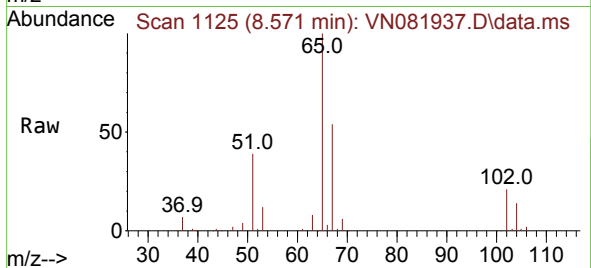
ClientSampleId :

Tgt Ion: 65 Resp: 155439

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

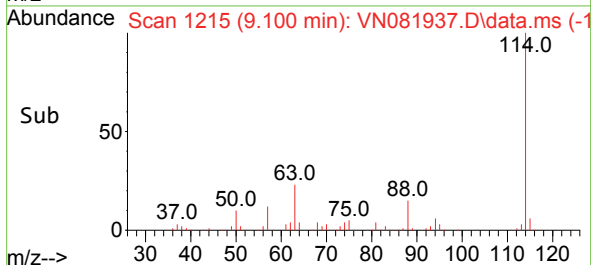
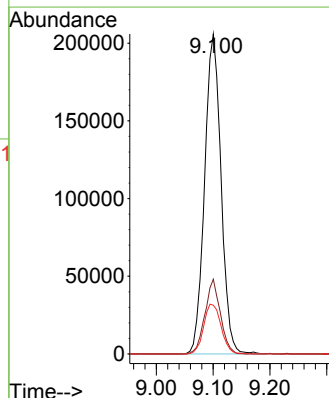
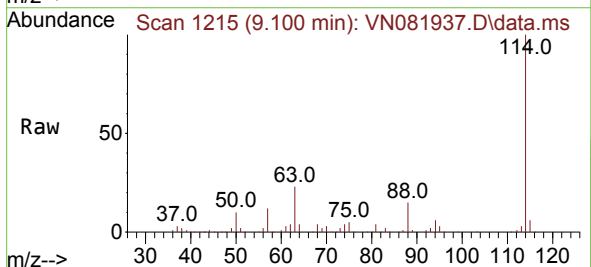
Tgt Ion: 114 Resp: 412901

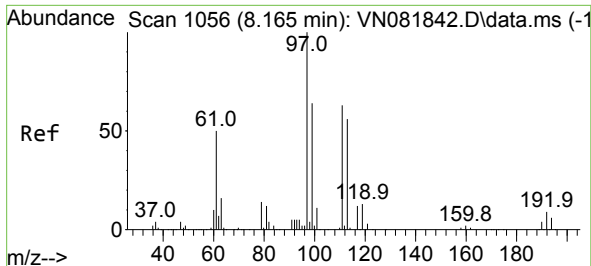
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

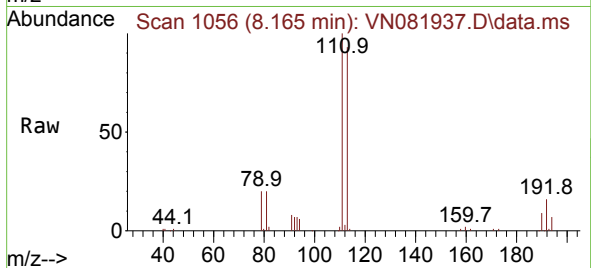
88 15.2 0.0 31.4



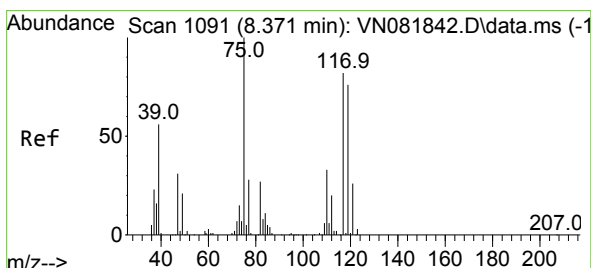
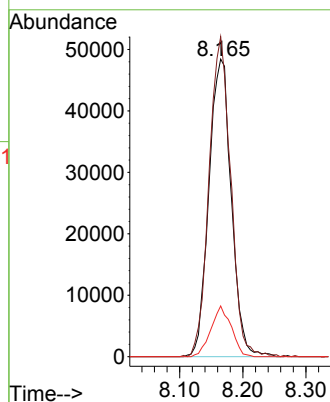
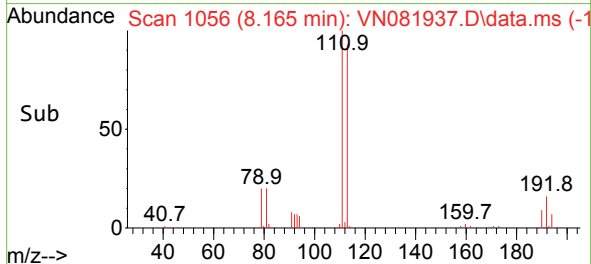


#35
Dibromofluoromethane
Concen: 48.010 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

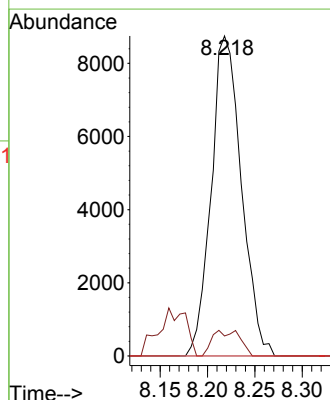
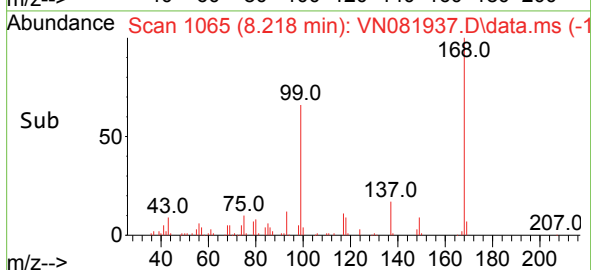
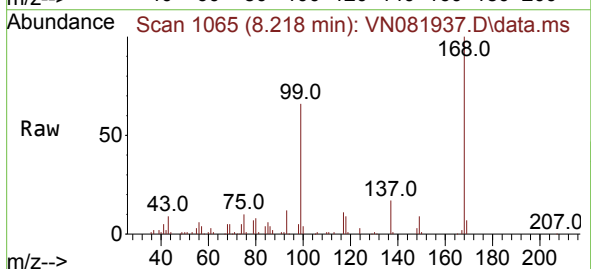


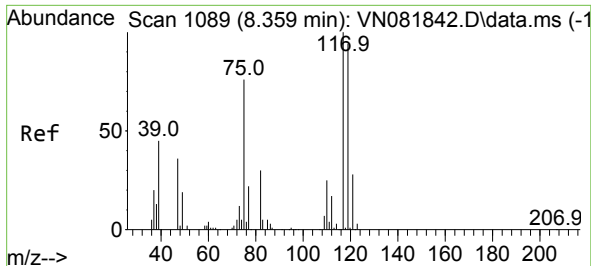
Tgt Ion:113 Resp: 119355
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 15.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

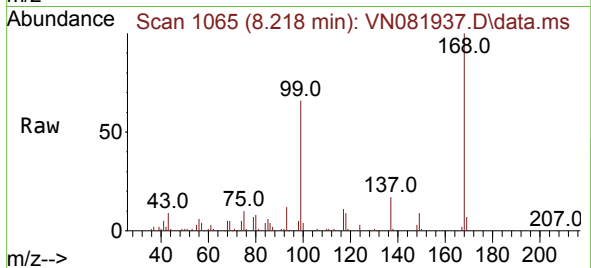
Tgt Ion: 75 Resp: 19424
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 25.0 37.4#



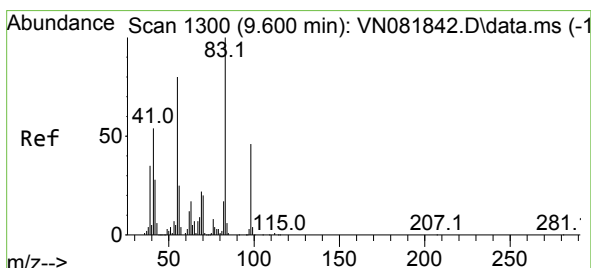
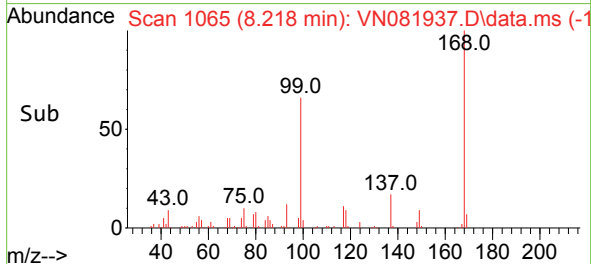
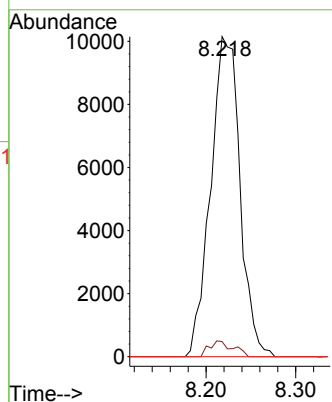


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

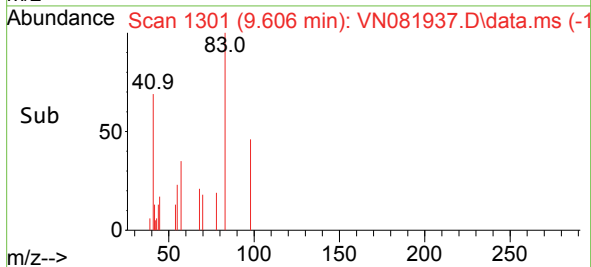
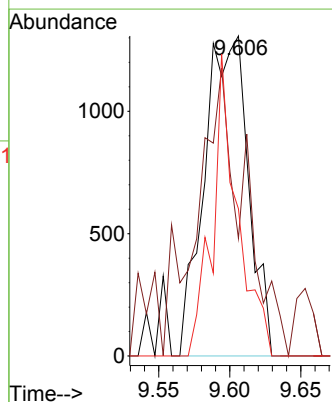
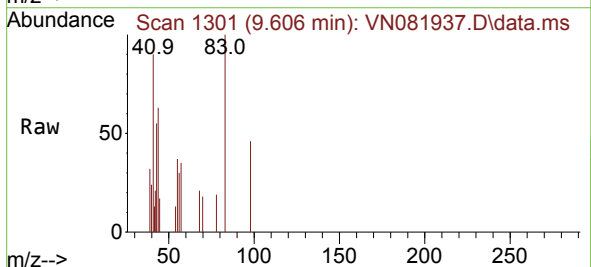


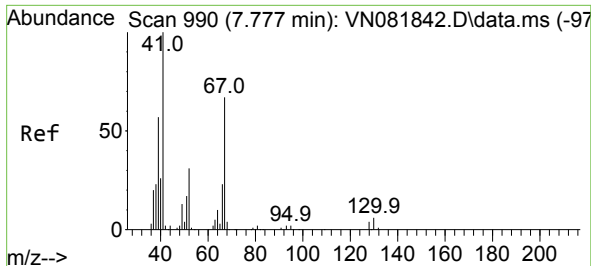
Tgt Ion:117 Resp: 23046
Ion Ratio Lower Upper
117 100
119 4.7 76.5 114.7#
121 0.0 23.9 35.9#



#39
Methylcyclohexane
Concen: 0.576 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

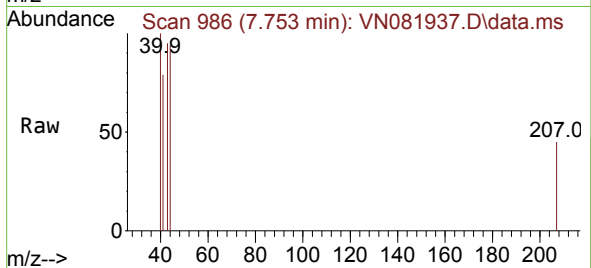
Tgt Ion: 83 Resp: 2830
Ion Ratio Lower Upper
83 100
55 24.2 53.0 79.6#
98 46.0 37.1 55.7



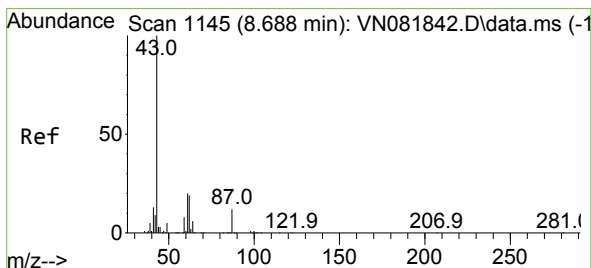
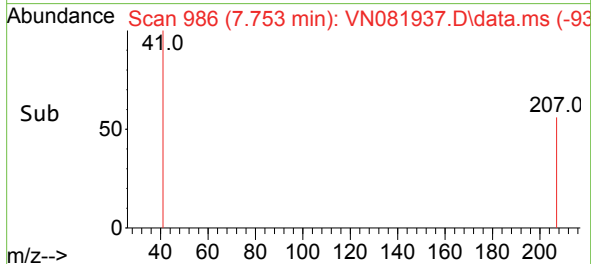
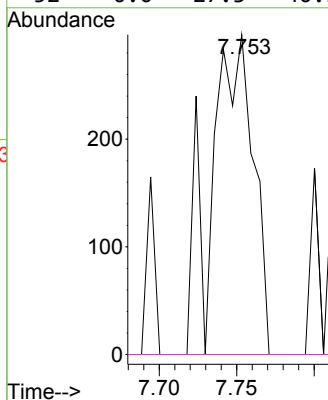


#41
Methacrylonitrile
Concen: 0.203 ug/l
RT: 7.753 min Scan# 91
Delta R.T. -0.023 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

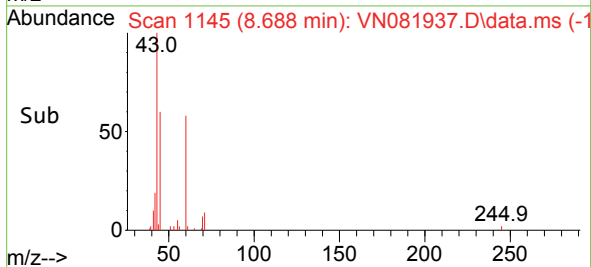
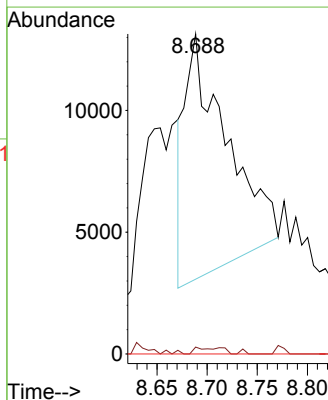
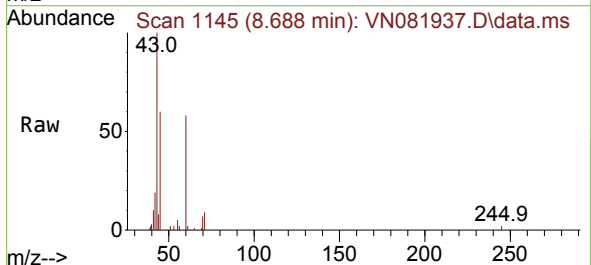


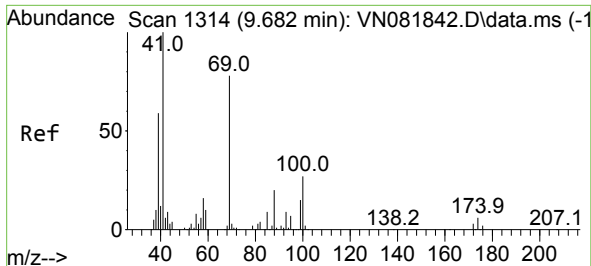
Tgt Ion:	41	Resp:	566
Ion Ratio	Lower	Upper	
41	100		
39	0.0	46.6	69.8#
67	0.0	67.3	100.9#
52	0.0	27.3	40.9#



#43
Isopropyl Acetate
Concen: 3.533 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion:	43	Resp:	29051
Ion Ratio	Lower	Upper	
43	100		
61	1.1	22.8	34.2#
87	0.0	12.0	18.0#





#48

Methyl methacrylate

Concen: 0.481 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.006 min

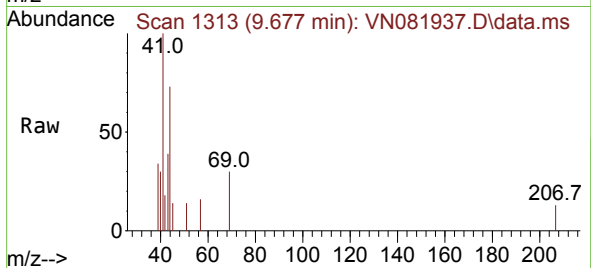
Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :



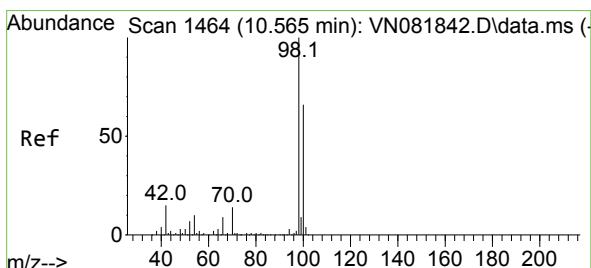
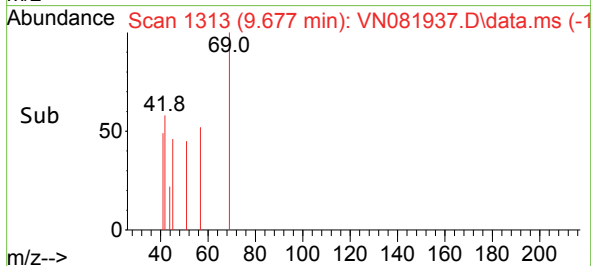
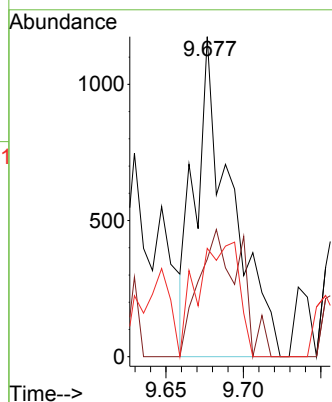
Tgt Ion: 41 Resp: 1887

Ion Ratio Lower Upper

41 100

69 46.2 77.9 116.9#

39 41.9 50.9 76.3#



#50

Toluene-d8

Concen: 50.820 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN081937.D

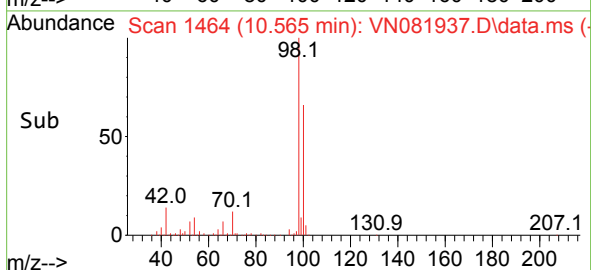
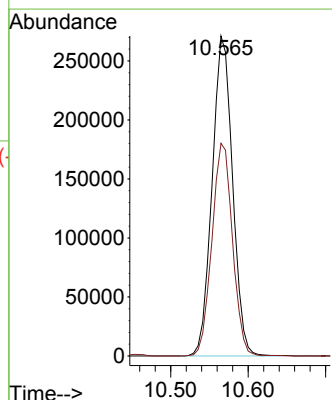
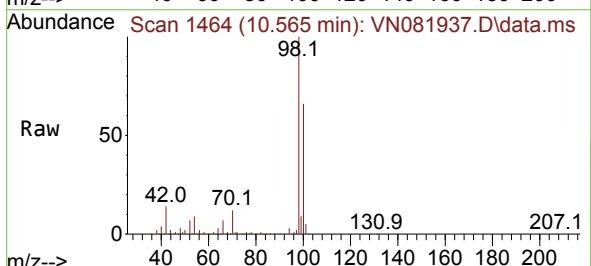
Acq: 30 Apr 2024 17:41

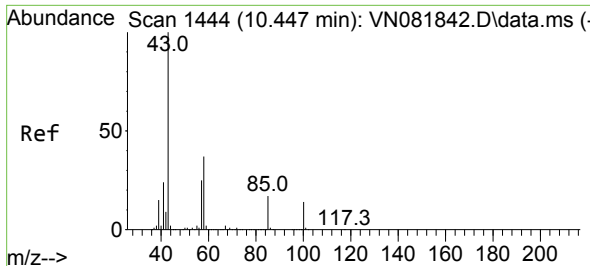
Tgt Ion: 98 Resp: 496187

Ion Ratio Lower Upper

98 100

100 66.8 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 2.847 ug/l

RT: 10.453 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

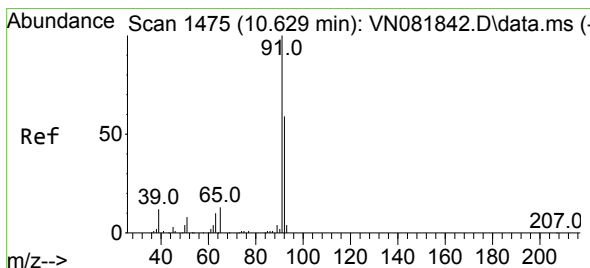
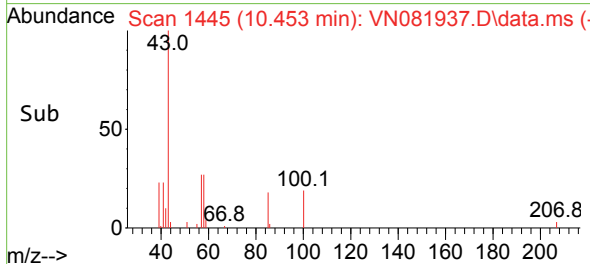
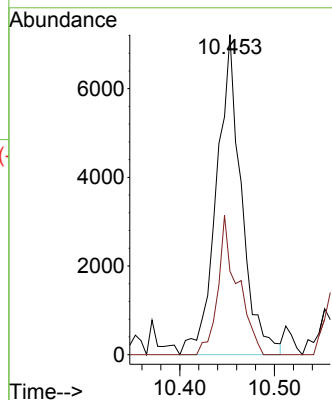
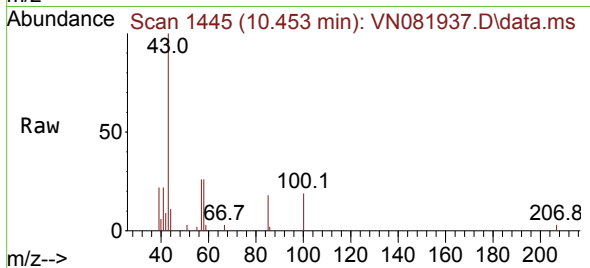
ClientSampleId :

Tgt Ion: 43 Resp: 13178

Ion Ratio Lower Upper

43 100

58 34.6 33.2 49.8



#52

Toluene

Concen: 93.675 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081937.D

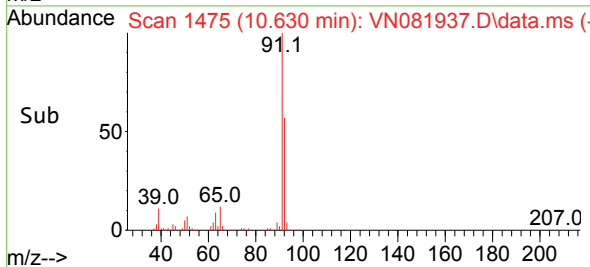
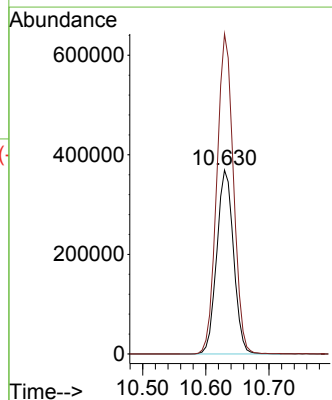
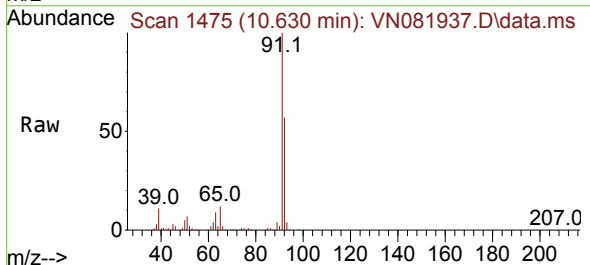
Acq: 30 Apr 2024 17:41

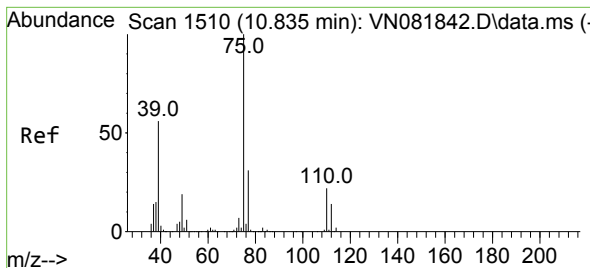
Tgt Ion: 92 Resp: 681093

Ion Ratio Lower Upper

92 100

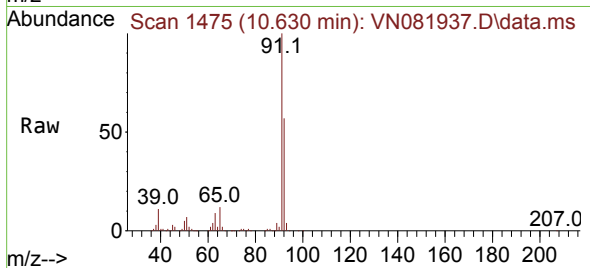
91 172.6 136.7 205.1



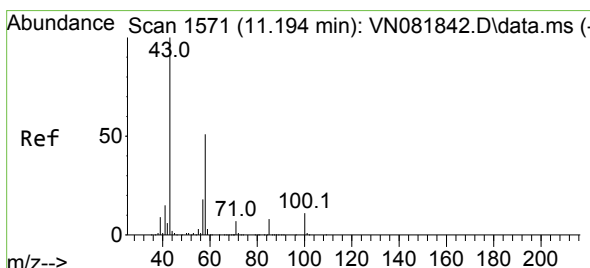
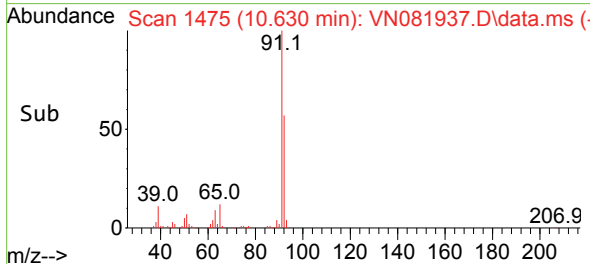
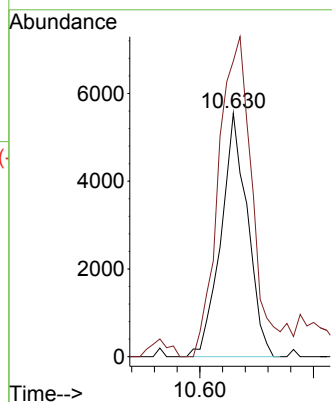


#53
t-1,3-Dichloropropene
Concen: 1.786 ug/l
RT: 10.630 min Scan# 14
Delta R.T. -0.206 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

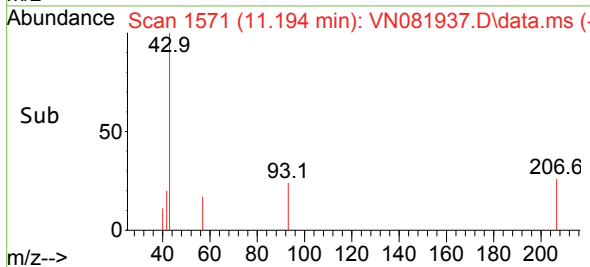
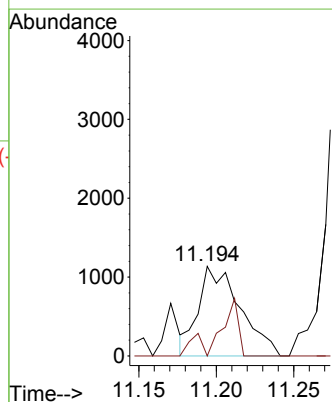
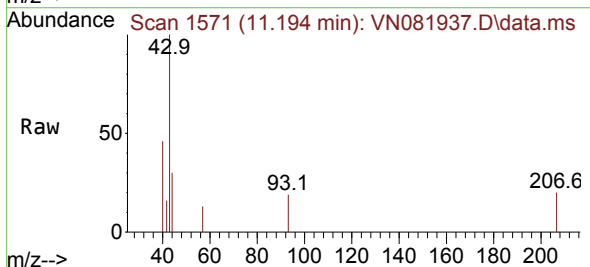


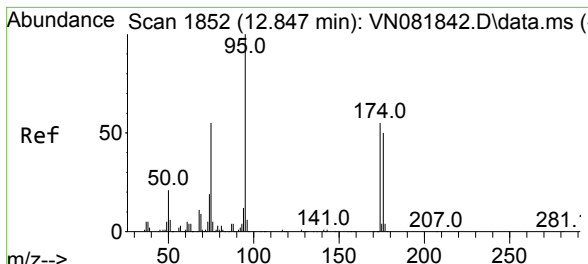
Tgt Ion: 75 Resp: 9002
Ion Ratio Lower Upper
75 100
77 121.5 25.4 38.0#



#59
2-Hexanone
Concen: 0.618 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
58 7.7 28.3 84.9#

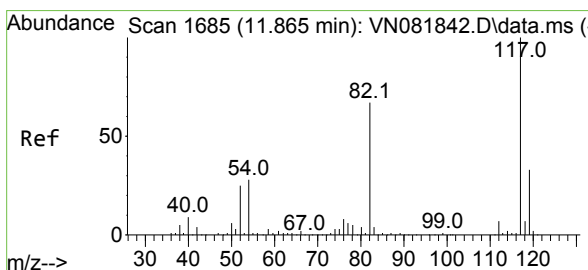
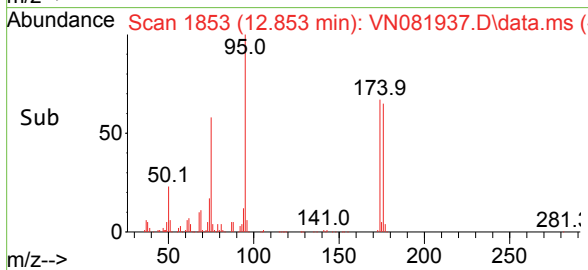
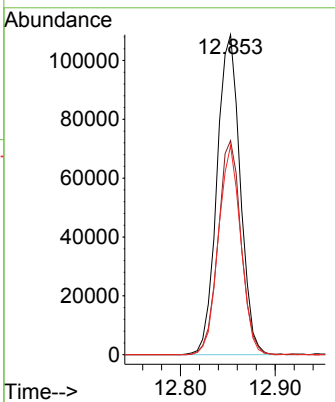
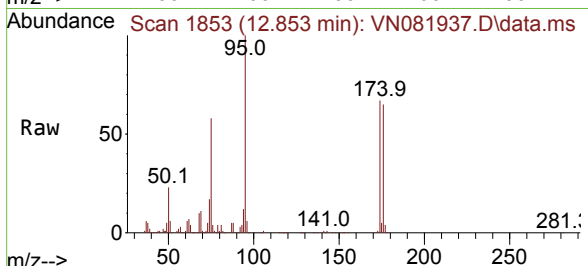




#62
4-Bromofluorobenzene
Concen: 47.960 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

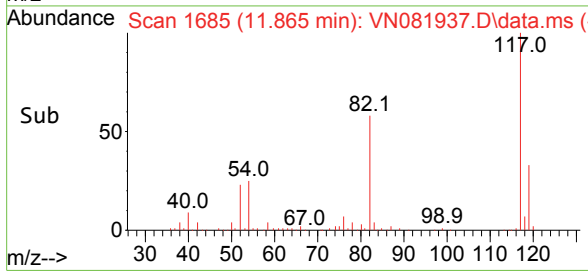
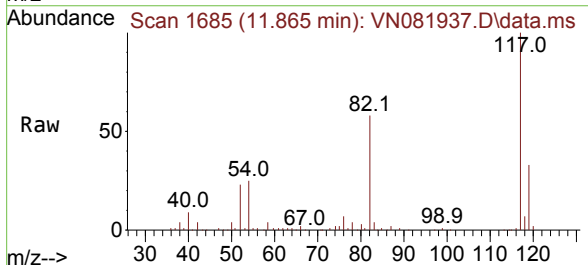
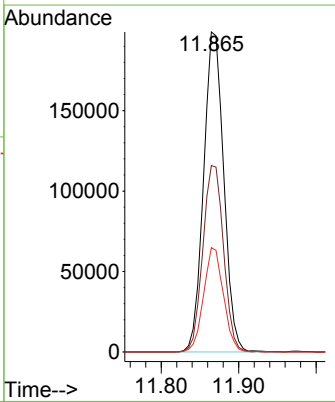
Instrument :
MSVOA_N
ClientSampleId :

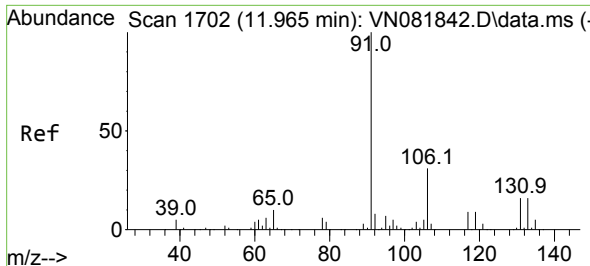
Tgt Ion:	95	Resp:	185109
Ion	Ratio	Lower	Upper
95	100		
174	66.3	0.0	160.6
176	63.0	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

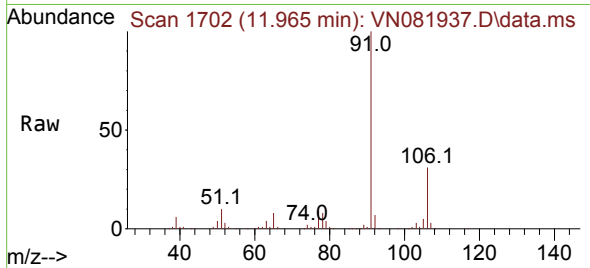
Tgt Ion:	117	Resp:	359818
Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	32.6	25.9	38.9



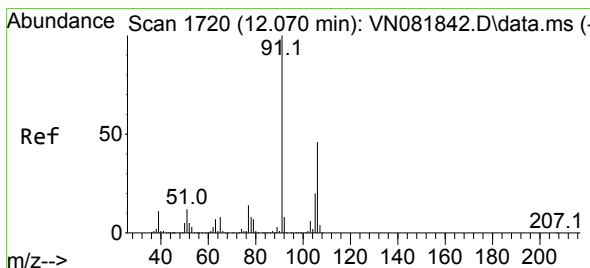
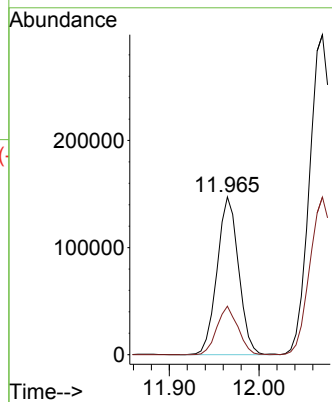
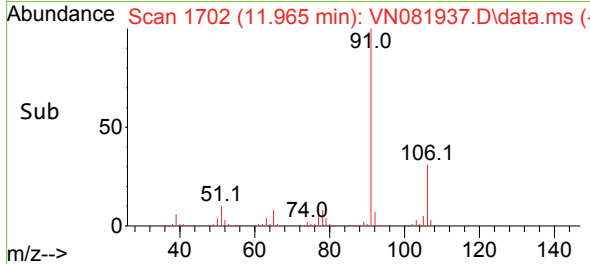


#67
Ethyl Benzene
Concen: 16.770 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Instrument :
MSVOA_N
ClientSampleId :

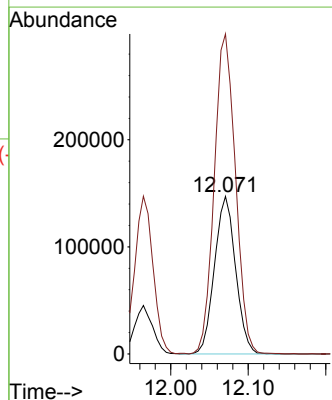
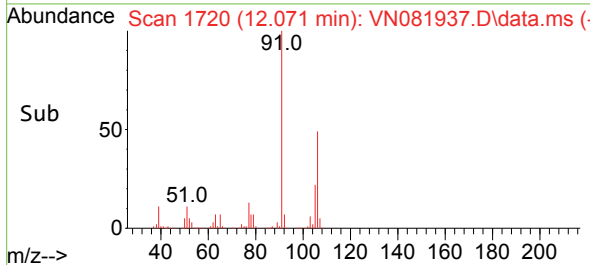
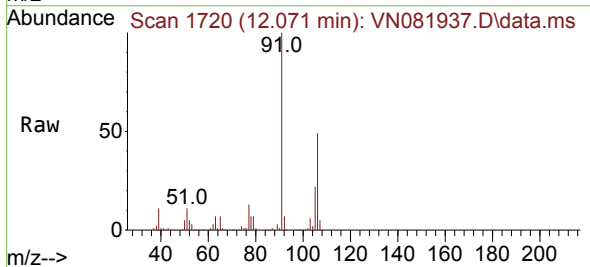


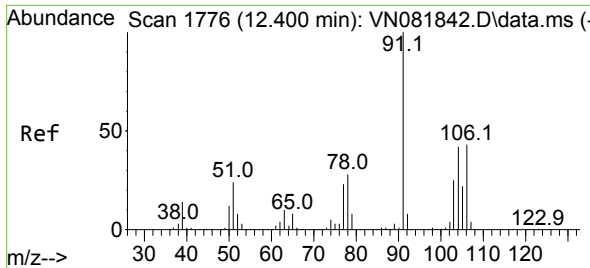
Tgt Ion: 91 Resp: 245068
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 53.381 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 106 Resp: 278246
Ion Ratio Lower Upper
106 100
91 204.3 159.4 239.0

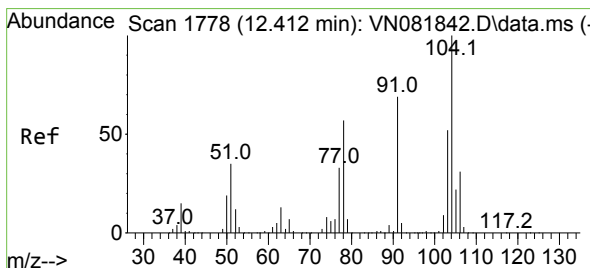
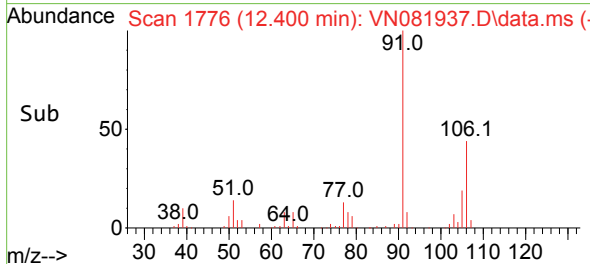
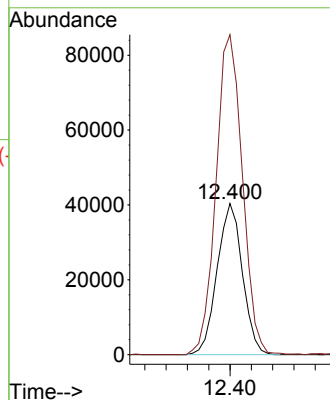
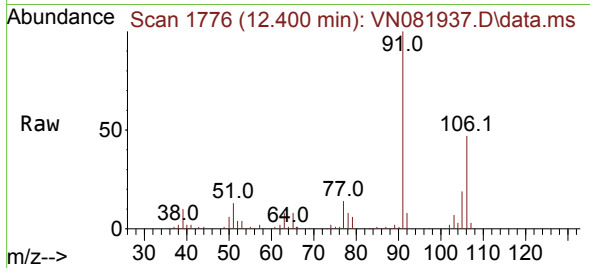




#69
o-Xylene
Concen: 13.063 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

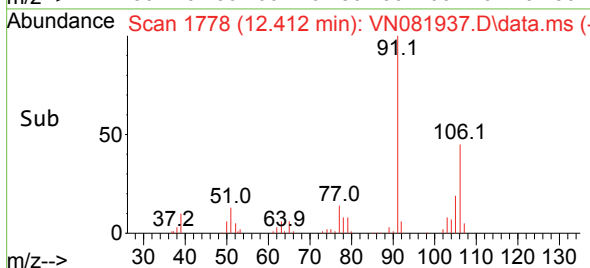
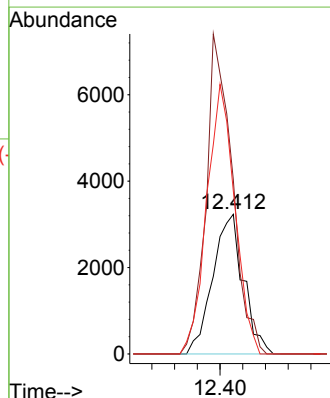
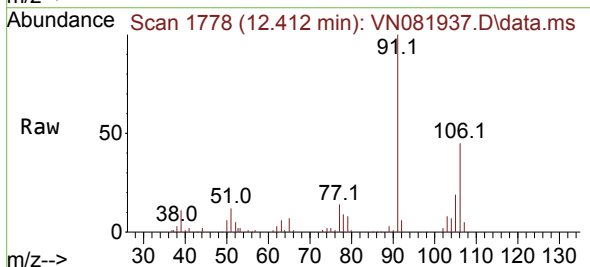
Instrument :
MSVOA_N
ClientSampleId :

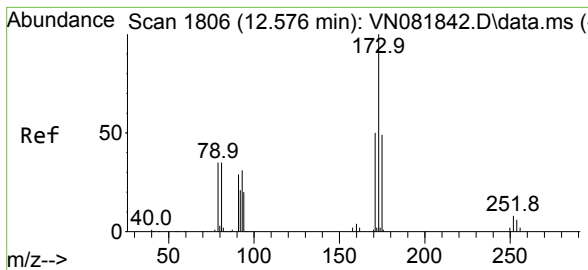
Tgt Ion:106 Resp: 66476
Ion Ratio Lower Upper
106 100
91 221.2 104.7 314.1



#70
Styrene
Concen: 0.688 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion:104 Resp: 6055
Ion Ratio Lower Upper
104 100
78 195.4 38.6 58.0#
103 176.2 43.8 65.6#





#71

Bromoform

Concen: 0.468 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

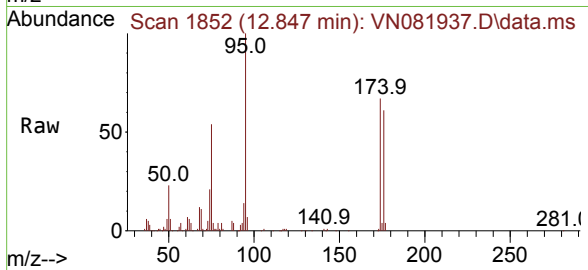
Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :



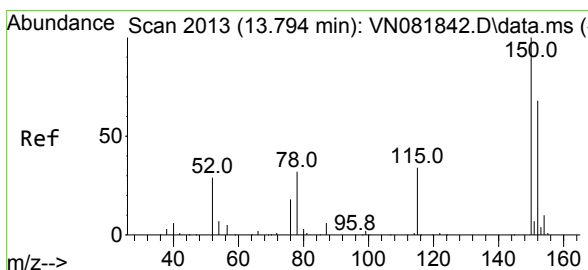
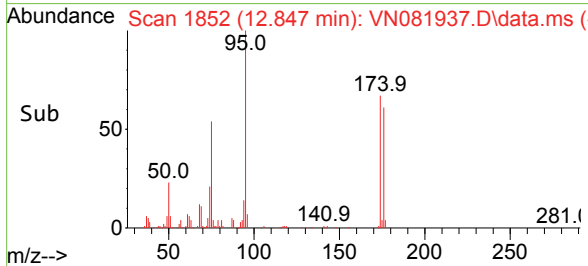
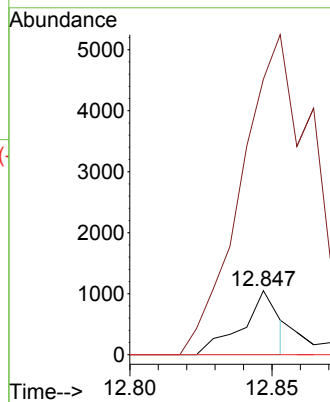
Tgt Ion:173 Resp: 940

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

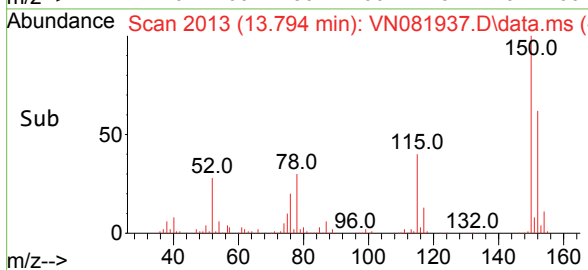
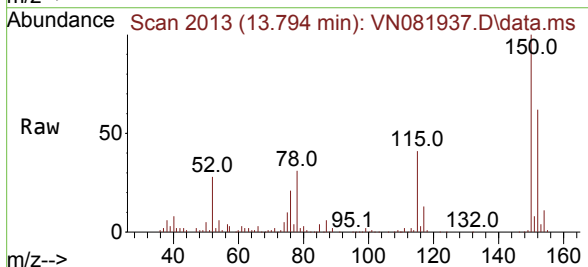
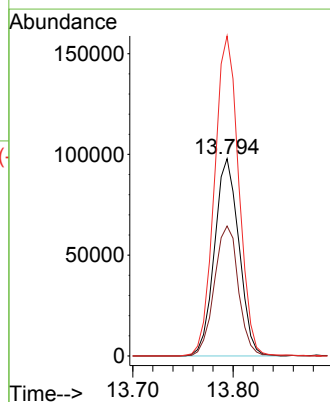
Tgt Ion:152 Resp: 165453

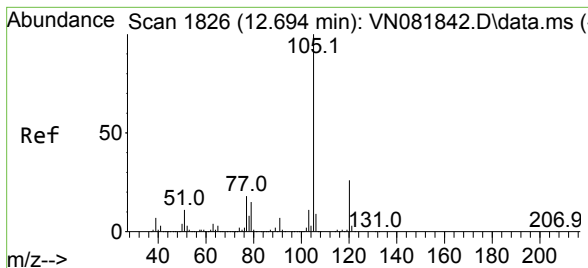
Ion Ratio Lower Upper

152 100

115 65.0 30.4 91.3

150 161.5 0.0 353.2





#73

Isopropylbenzene

Concen: 0.208 ug/l

RT: 12.712 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

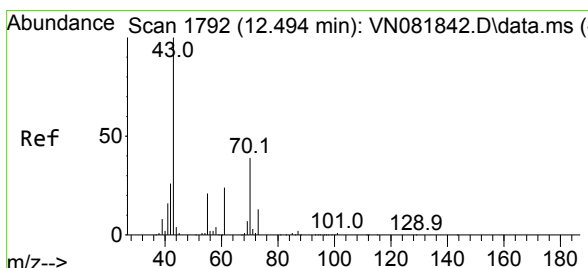
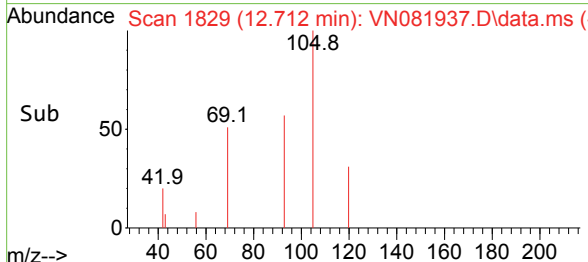
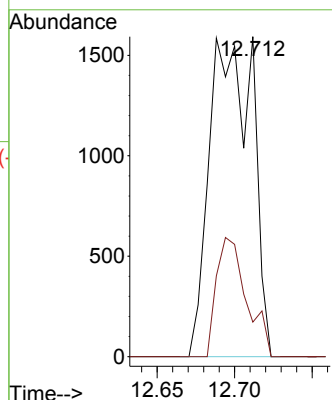
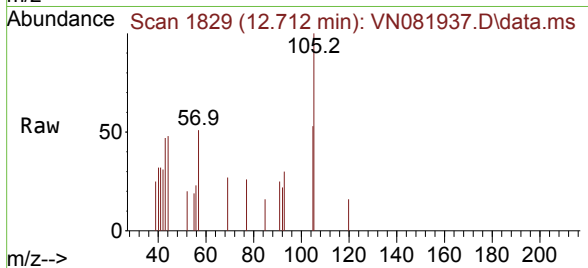
ClientSampleId :

Tgt Ion:105 Resp: 3061

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 6.456 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Tgt Ion: 43 Resp: 52878

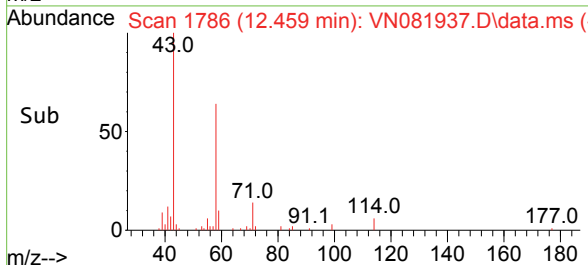
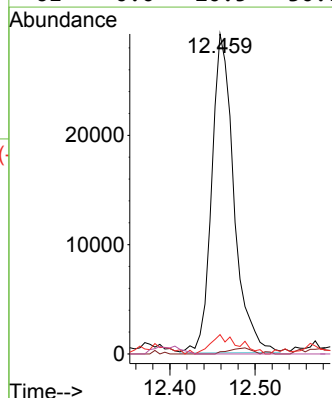
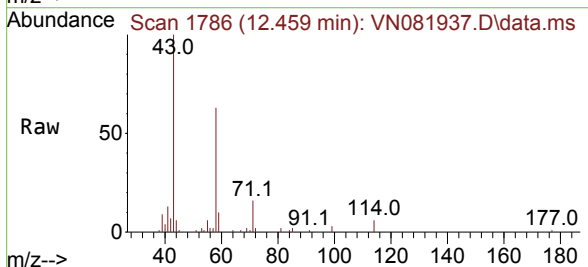
Ion Ratio Lower Upper

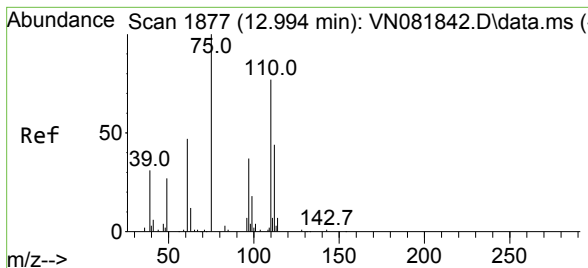
43 100

70 0.0 39.0 58.4#

55 7.5 21.3 31.9#

61 0.0 20.5 30.7#

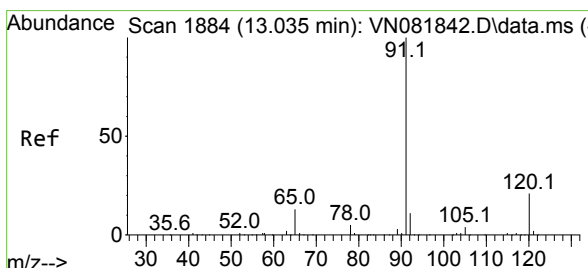
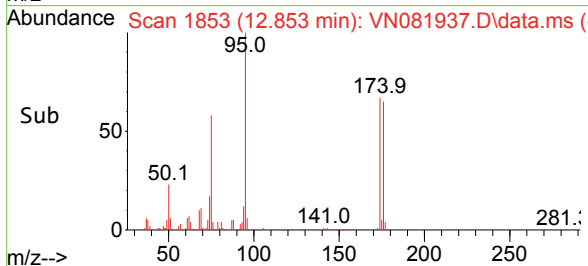
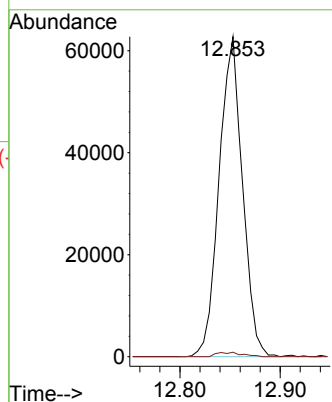
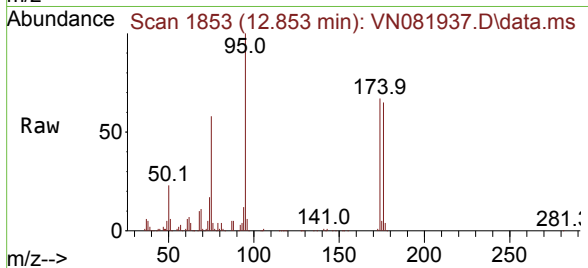




#76
1,2,3-Trichloropropane
Concen: 23.617 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

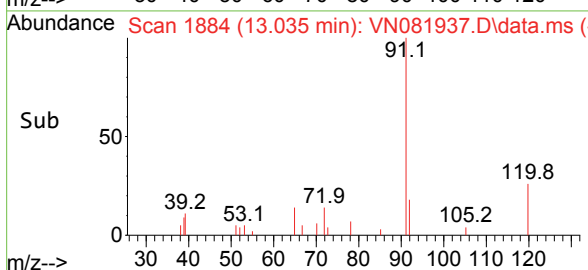
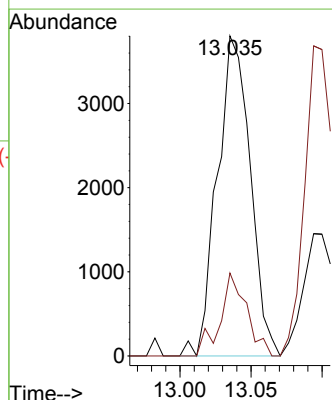
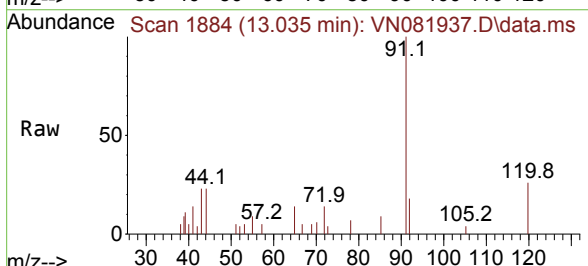
Instrument :
MSVOA_N
ClientSampleId :

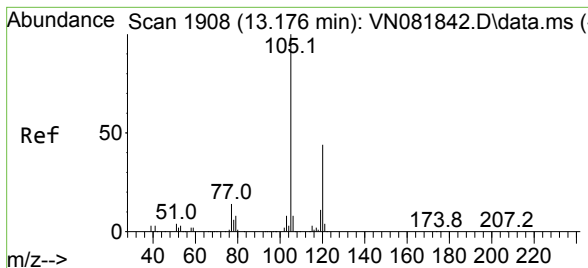
Tgt Ion: 75 Resp: 101313
Ion Ratio Lower Upper
75 100
77 1.5 90.5 271.3#



#78
n-propylbenzene
Concen: 0.344 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 91 Resp: 6146
Ion Ratio Lower Upper
91 100
120 20.8 11.7 35.0





#80

1,3,5-Trimethylbenzene

Concen: 1.095 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

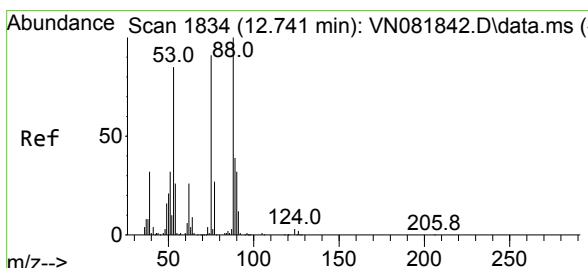
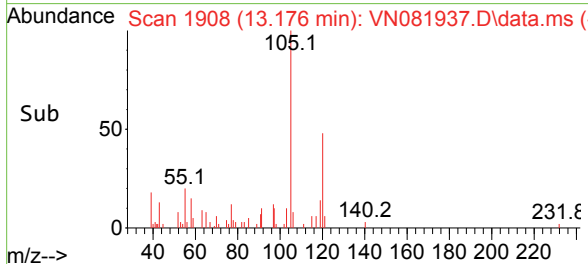
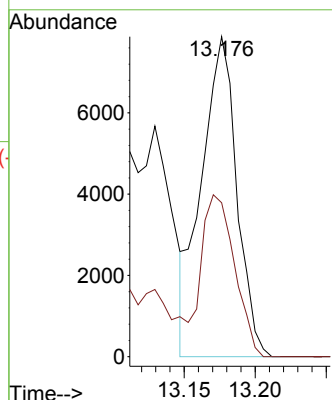
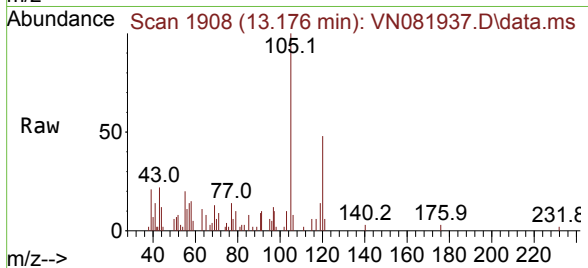
ClientSampleId :

Tgt Ion:105 Resp: 13629

Ion Ratio Lower Upper

105 100

120 47.0 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.394 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

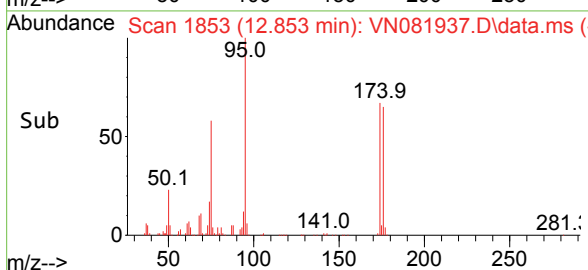
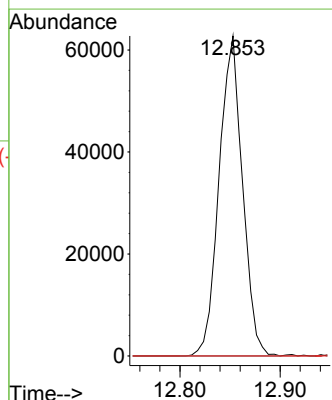
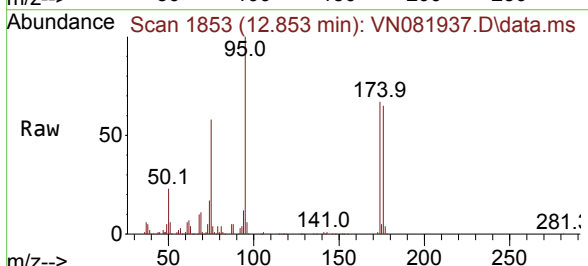
Tgt Ion: 75 Resp: 101313

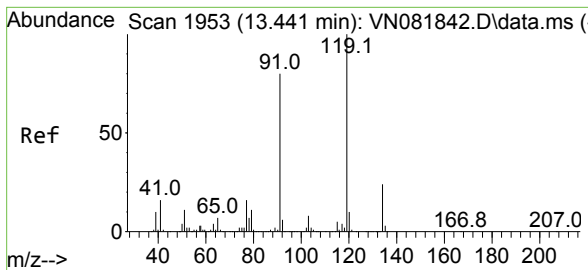
Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.0 39.1 58.7#

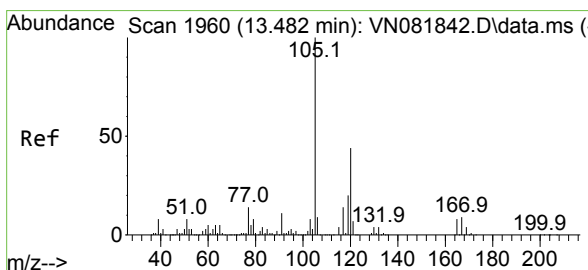
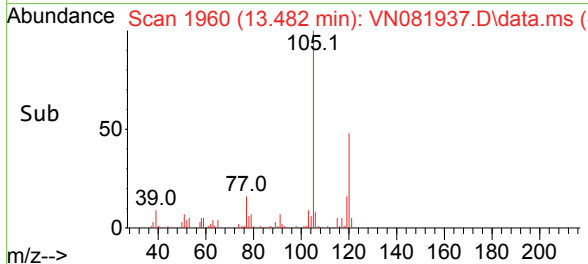
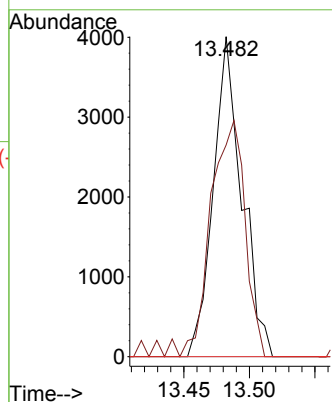
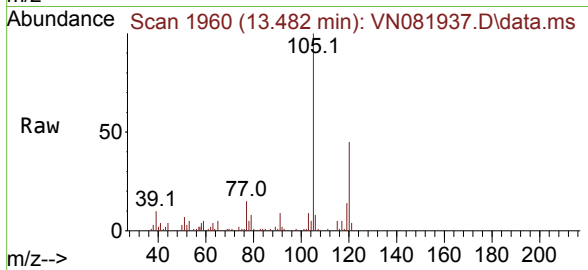




#83
 tert-Butylbenzene
 Concen: 0.586 ug/l
 RT: 13.482 min Scan# 1953
 Delta R.T. 0.041 min
 Lab File: VN081937.D
 Acq: 30 Apr 2024 17:41

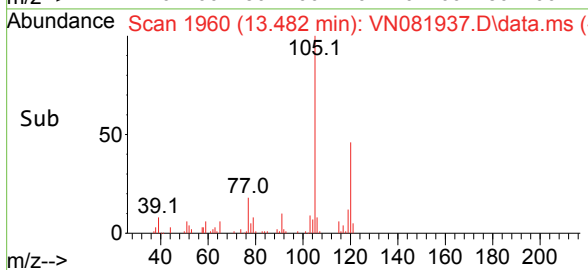
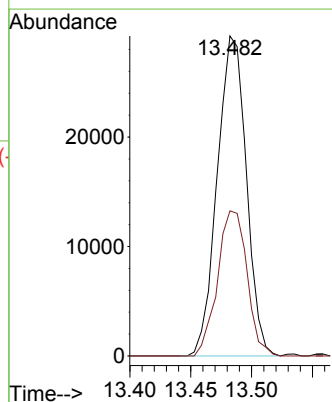
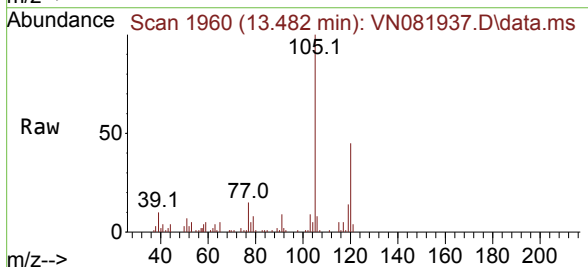
Instrument :
 MSVOA_N
 ClientSampleId :

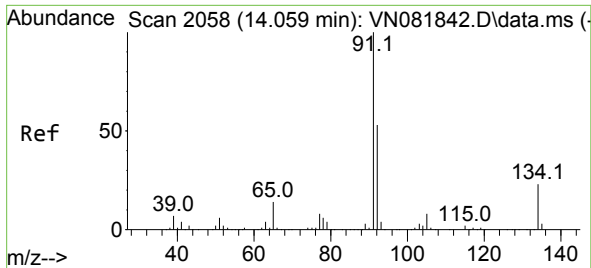
Tgt Ion:119 Resp: 6075
 Ion Ratio Lower Upper
 119 100
 91 89.2 32.6 97.8
 134 0.0 12.4 37.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.908 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN081937.D
 Acq: 30 Apr 2024 17:41

Tgt Ion:105 Resp: 48585
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.7

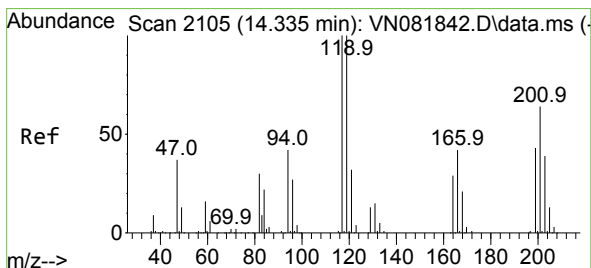
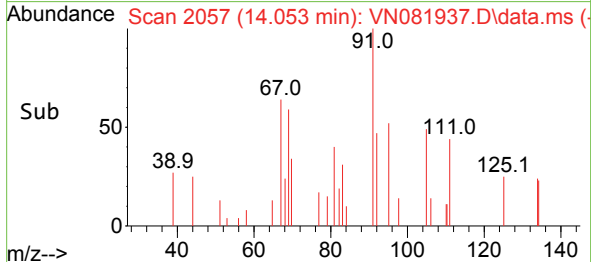
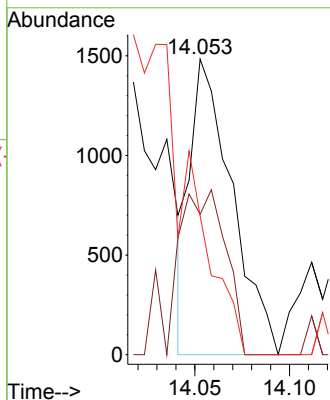
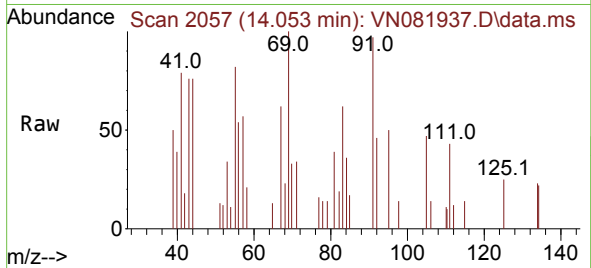




#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

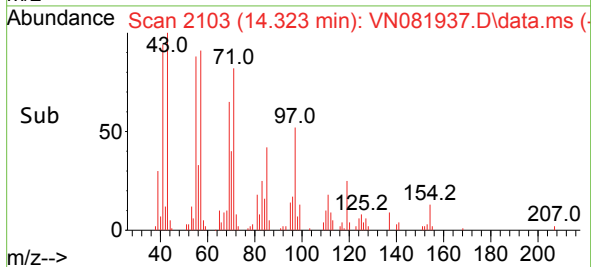
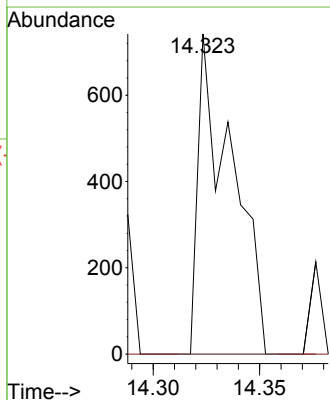
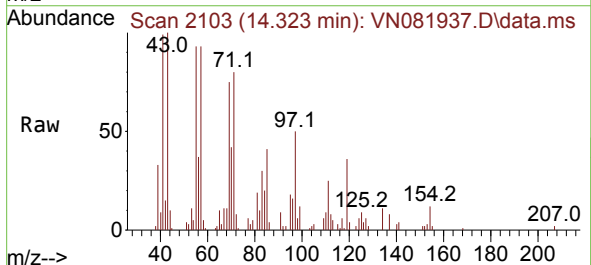
Instrument :
MSVOA_N
ClientSampleId :

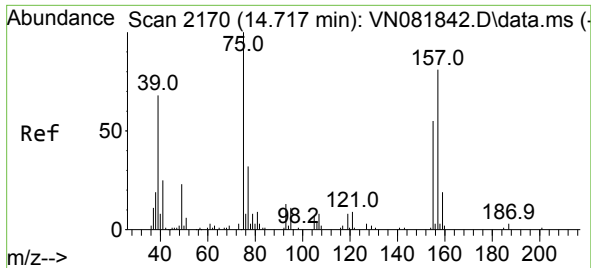
Tgt Ion: 91 Resp: 2282
Ion Ratio Lower Upper
91 100
92 67.4 26.2 78.5
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 0.355 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion: 117 Resp: 818
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#

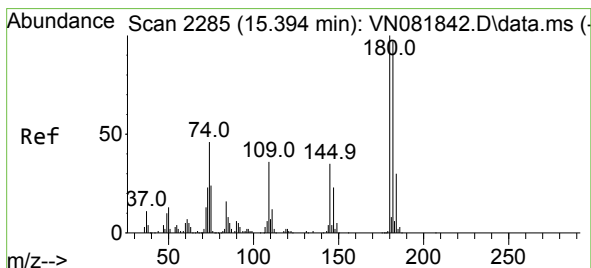
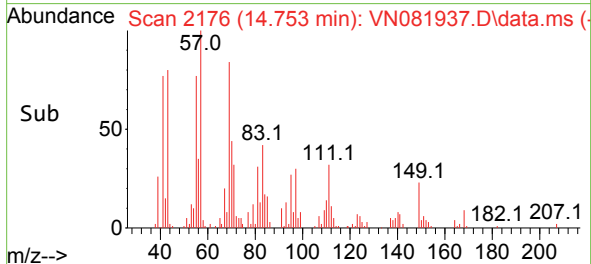
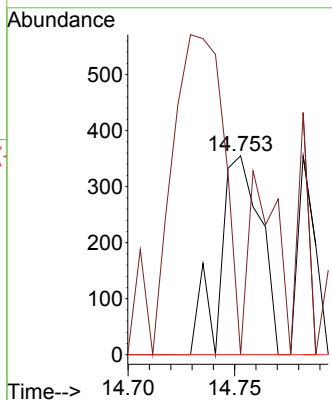
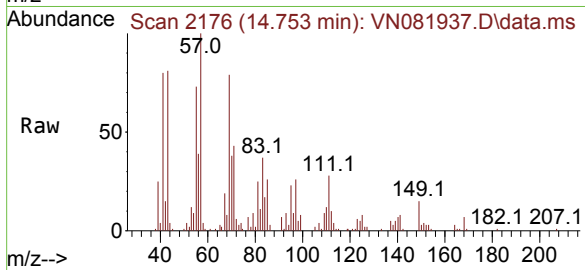




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.441 ug/l
RT: 14.753 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

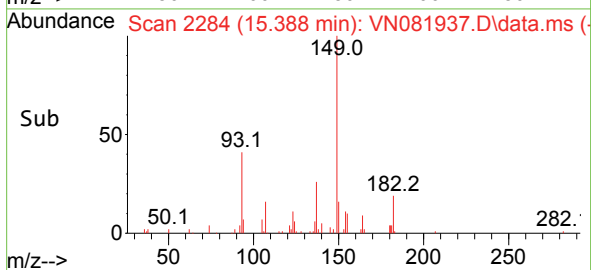
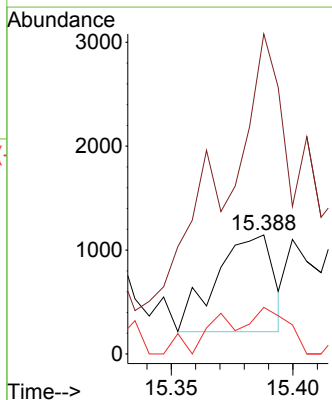
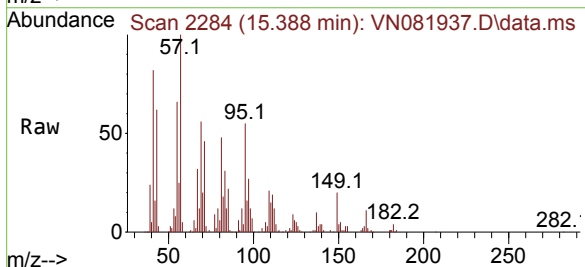
Instrument :
MSVOA_N
ClientSampleId :

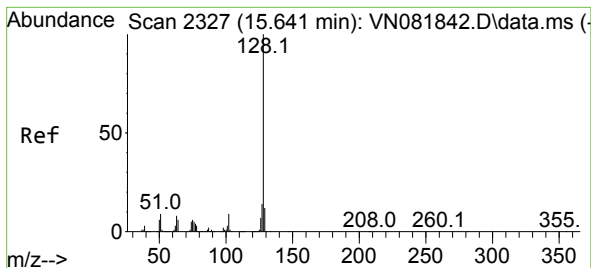
Tgt Ion: 75 Resp: 474
Ion Ratio Lower Upper
75 100
155 62.4 42.6 128.0
157 0.0 53.0 159.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.495 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN081937.D
Acq: 30 Apr 2024 17:41

Tgt Ion:180 Resp: 1525
Ion Ratio Lower Upper
180 100
182 236.1 46.7 140.0#
145 32.1 16.2 48.6





#95

Naphthalene

Concen: 0.244 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081937.D

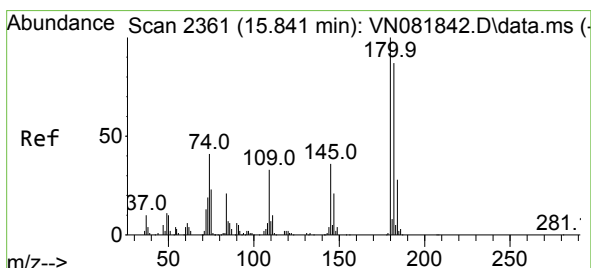
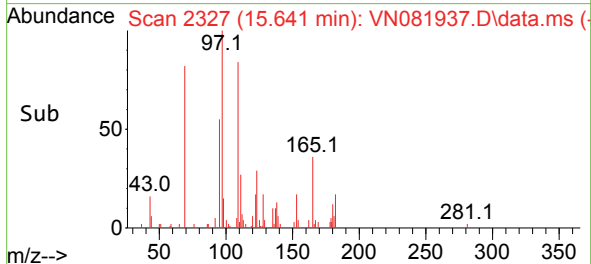
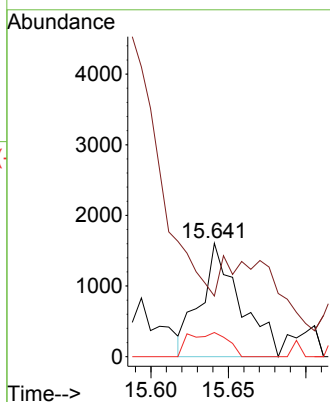
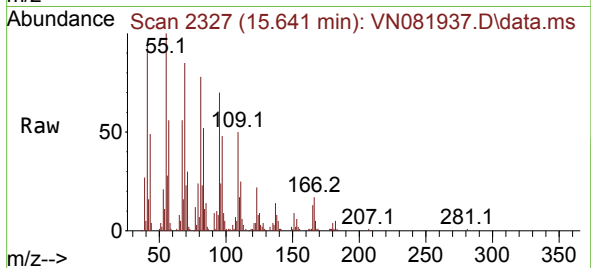
Acq: 30 Apr 2024 17:41

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	2846
Ion Ratio	Lower	Upper
128	100	
127	86.2	10.1 15.1#
129	21.0	8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 3.766 ug/l

RT: 15.864 min Scan# 2365

Delta R.T. 0.024 min

Lab File: VN081937.D

Acq: 30 Apr 2024 17:41

Tgt Ion:180	Resp:	11138
Ion Ratio	Lower	Upper
180	100	
182	16.4	46.0 137.8#
145	0.0	17.1 51.3#

