

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081756.D
 Acq On : 16 Apr 2024 14:03
 Operator : JC\MD
 Sample : P2070-06RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 17 03:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

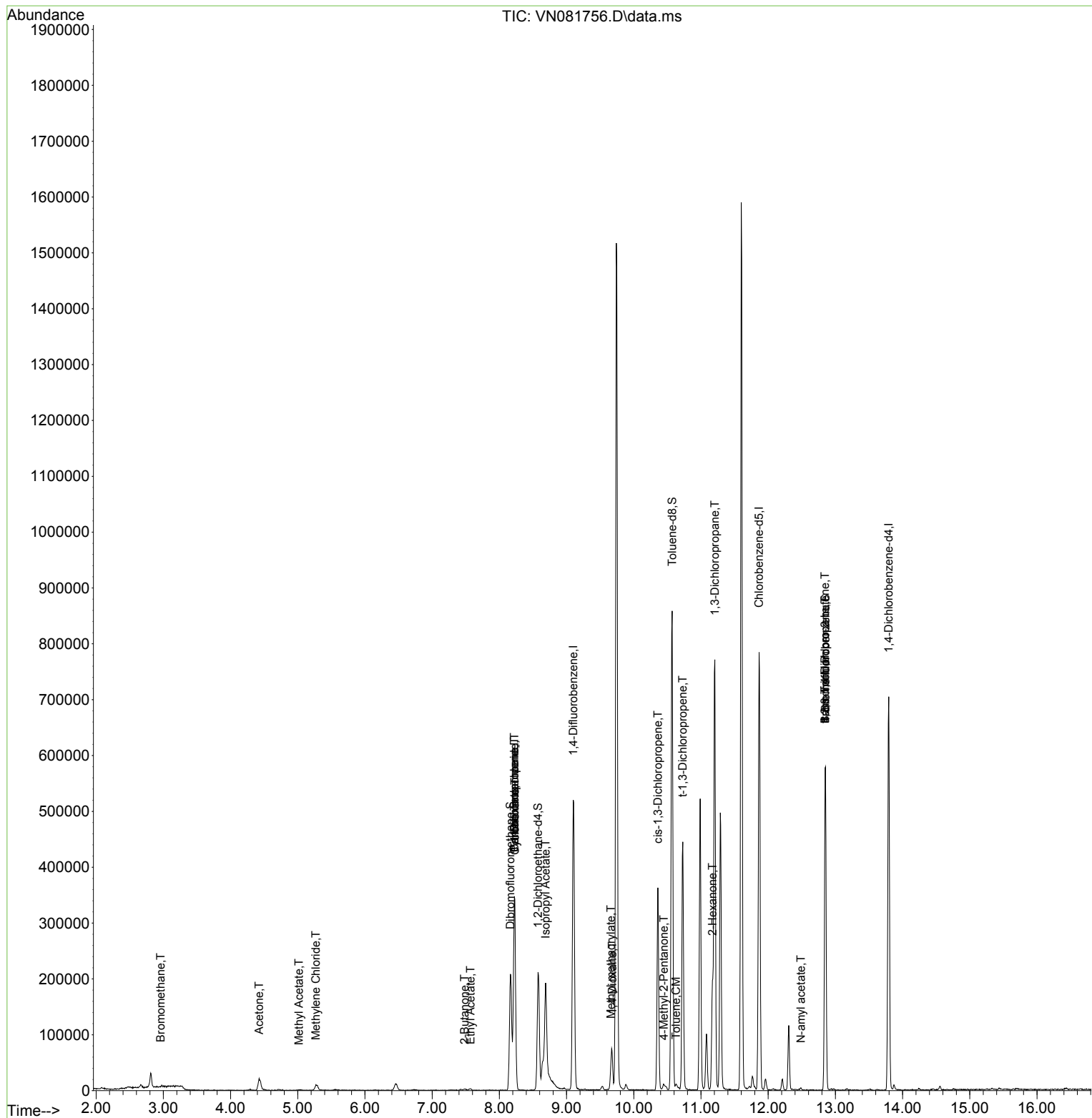
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	241695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178025	52.344	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.680%		
35) Dibromofluoromethane	8.165	113	147005	48.306	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.620%		
50) Toluene-d8	10.571	98	594346	53.015	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.020%		
62) 4-Bromofluorobenzene	12.853	95	200264	52.273	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 104.540%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	555	Below Cal	#	43
5) Bromomethane	2.959	94	885	0.391	ug/l #	44
6) Chloroethane	3.118	64	156	Below Cal	#	44
16) Acetone	4.424	43	38322	40.484	ug/l	98
18) Methyl Acetate	5.018	43	1331	0.503	ug/l #	67
20) Methylene Chloride	5.271	84	7847	0.711	ug/l #	80
25) 2-Butanone	7.483	43	2089	1.339	ug/l	89
31) Cyclohexane	8.230	56	6165	1.321	ug/l #	21
36) 1,1-Dichloropropene	8.224	75	22058	5.202	ug/l #	45
37) Ethyl Acetate	7.571	43	4114	1.181	ug/l #	82
38) Carbon Tetrachloride	8.224	117	27012	5.476	ug/l #	16
43) Isopropyl Acetate	8.688	43	289029	44.466	ug/l #	74
48) Methyl methacrylate	9.659	41	4468	1.687	ug/l #	8
49) 1,4-Dioxane	9.682	88	69	1.038	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	11186	3.094	ug/l #	75
52) Toluene	10.629	92	3642	0.434	ug/l	91
53) t-1,3-Dichloropropene	10.729	75	1238	0.256	ug/l #	77
54) cis-1,3-Dichloropropene	10.359	75	64834	12.584	ug/l #	67
57) 1,3-Dichloropropane	11.206	76	7898	1.497	ug/l #	44
59) 2-Hexanone	11.171	43	146007	55.788	ug/l #	23
71) Bromoform	12.847	173	1544	0.554	ug/l #	1
74) N-amyl acetate	12.488	43	1990	0.388	ug/l #	39
76) 1,2,3-Trichloropropane	12.847	75	109117	30.414	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	109117	70.995	ug/l #	12

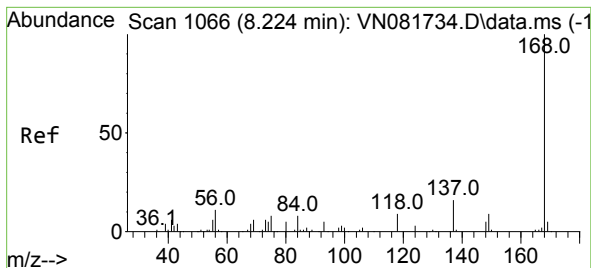
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
Data File : VN081756.D
Acq On : 16 Apr 2024 14:03
Operator : JC\MD
Sample : P2070-06RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

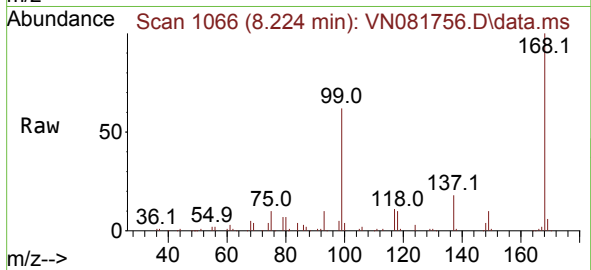
Quant Time: Apr 17 03:24:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 15:37:39 2024
Response via : Initial Calibration



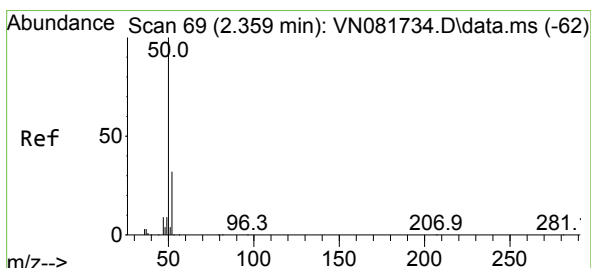
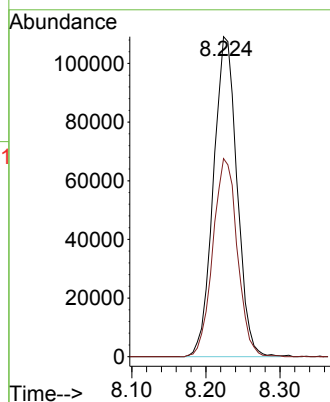
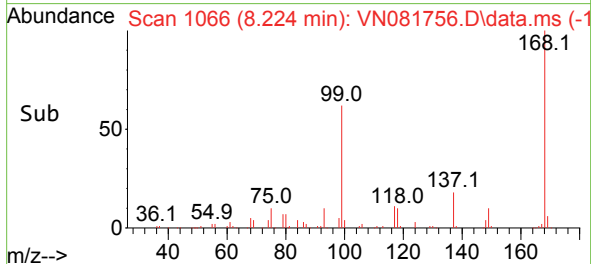


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

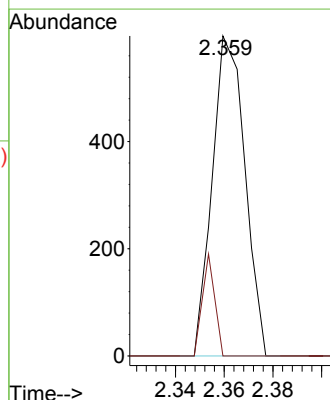
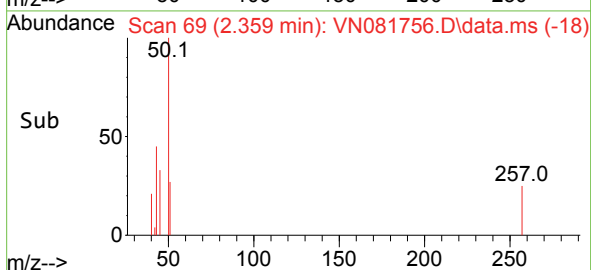
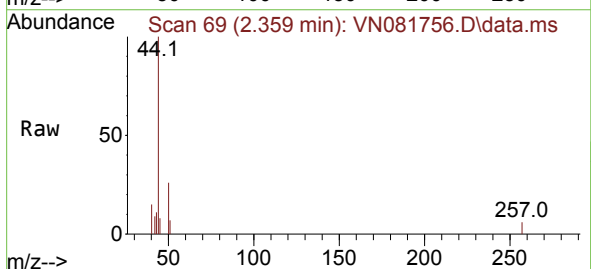


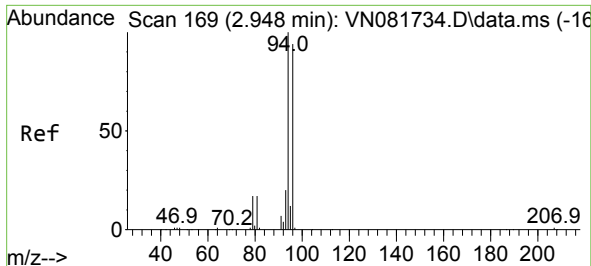
Tgt Ion:168 Resp: 241695
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

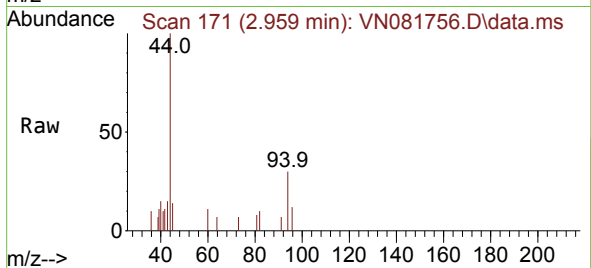
Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



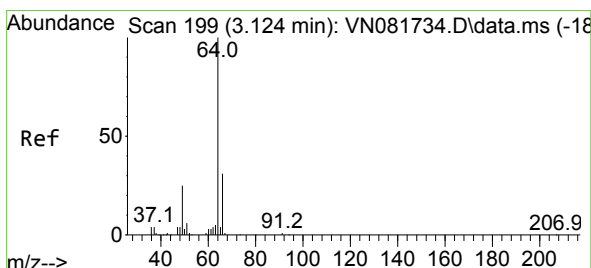
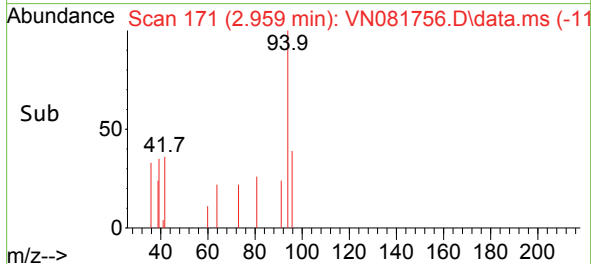
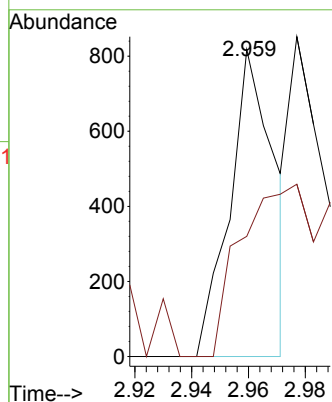


#5
Bromomethane
Concen: 0.391 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

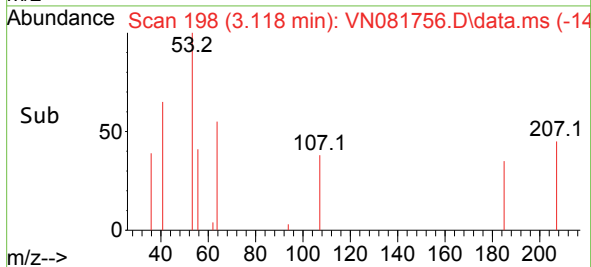
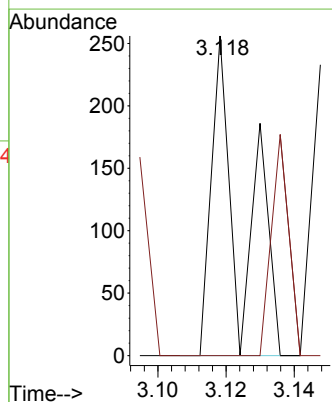
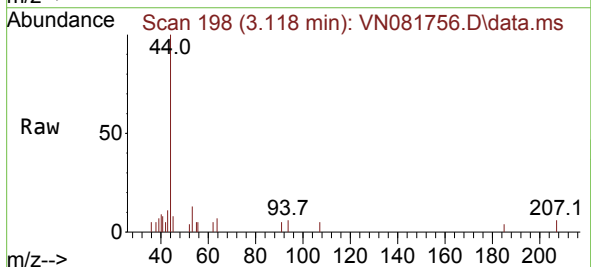


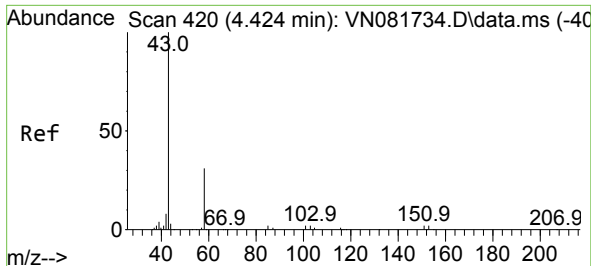
Tgt Ion: 94 Resp: 885
Ion Ratio Lower Upper
94 100
96 39.1 74.8 112.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion: 64 Resp: 156
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

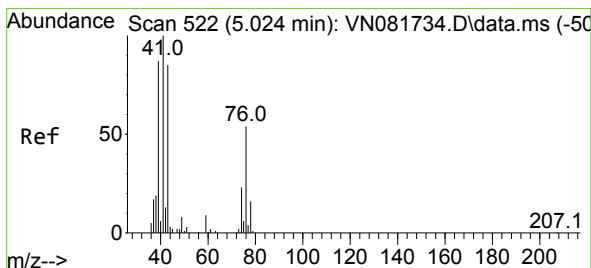
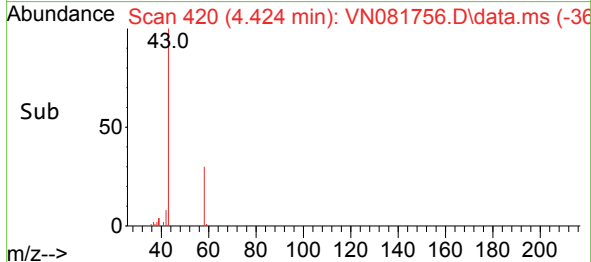
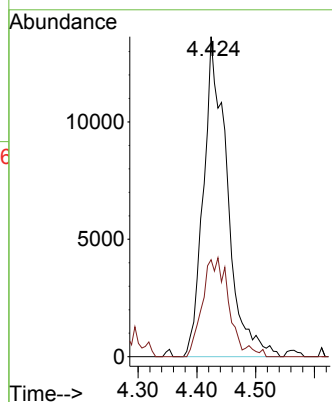
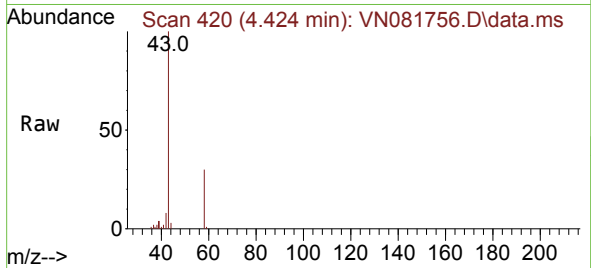




#16
Acetone
Concen: 40.484 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

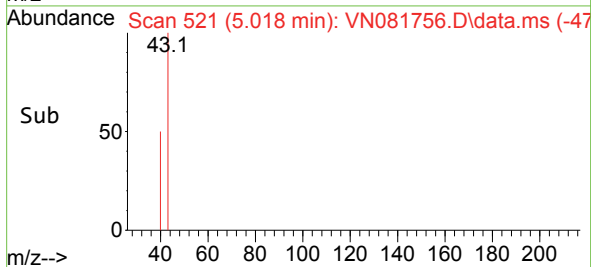
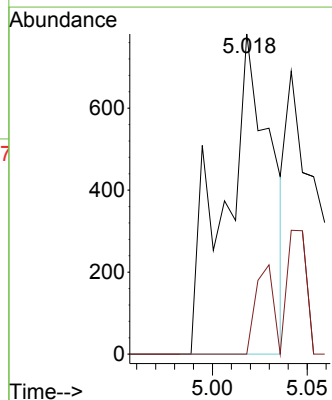
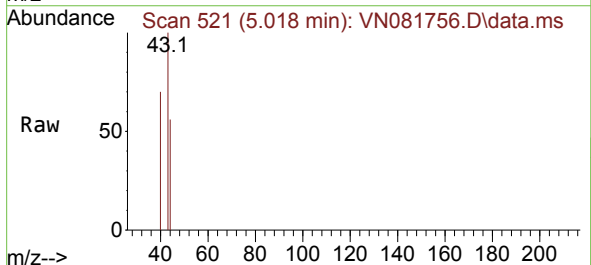
Instrument :
MSVOA_N
ClientSampleId :

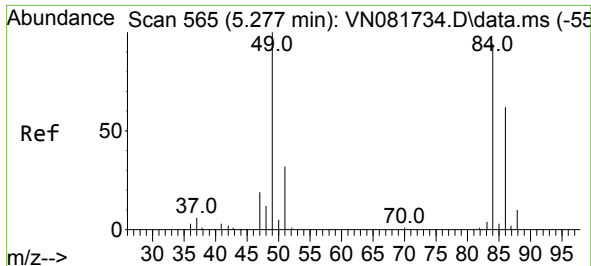
Tgt Ion: 43 Resp: 38322
Ion Ratio Lower Upper
43 100
58 30.3 25.2 37.8



#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

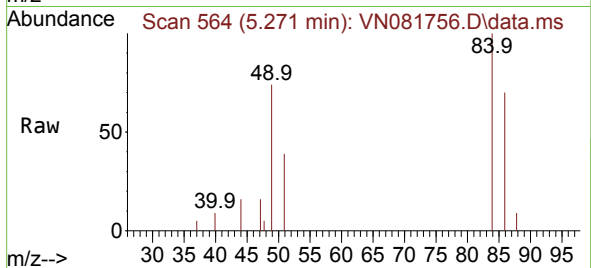
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
74 10.5 22.2 33.2#



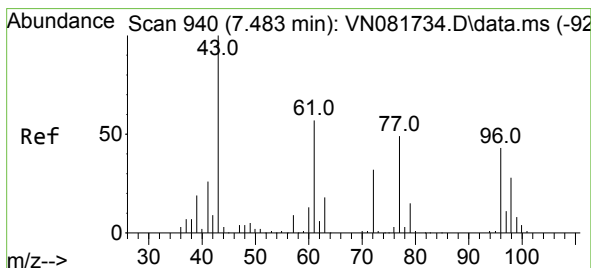
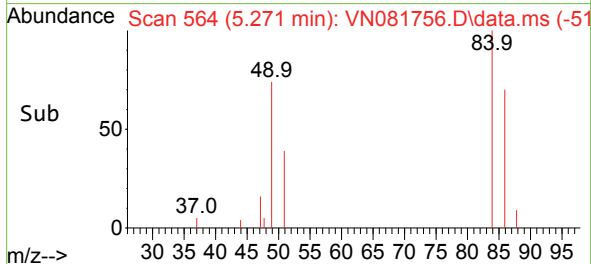
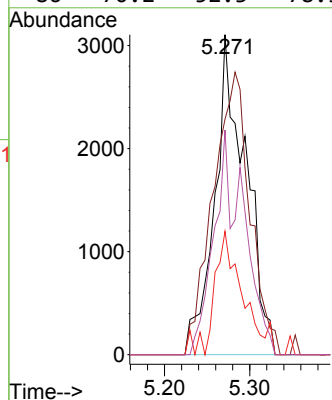


#20
Methylene Chloride
Concen: 0.711 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

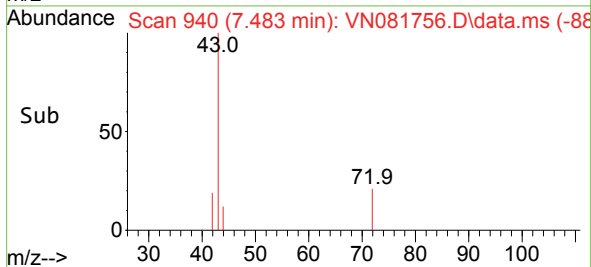
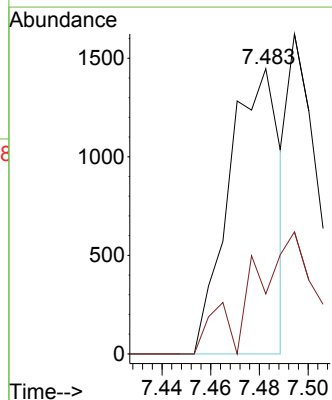
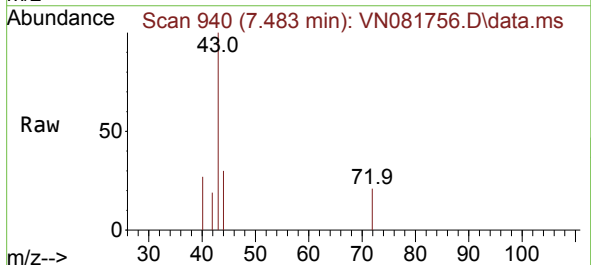


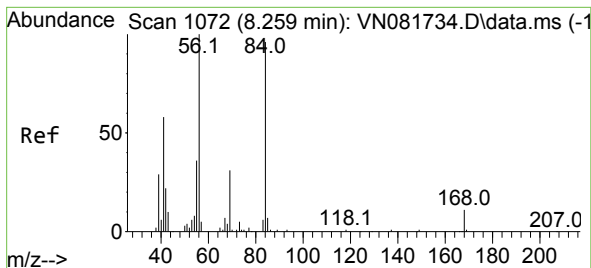
Tgt Ion:	84	Resp:	7847
Ion	Ratio	Lower	Upper
84	100		
49	73.6	84.9	127.3#
51	38.6	27.0	40.6
86	70.2	52.3	78.5



#25
2-Butanone
Concen: 1.339 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion:	43	Resp:	2089
Ion	Ratio	Lower	Upper
43	100		
72	25.5	25.3	37.9





#31

Cyclohexane

Concen: 1.321 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

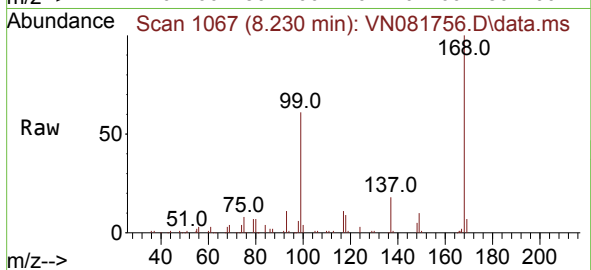
Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :



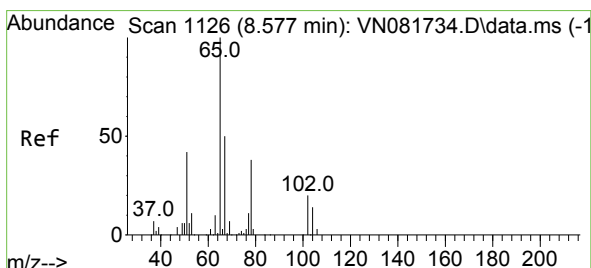
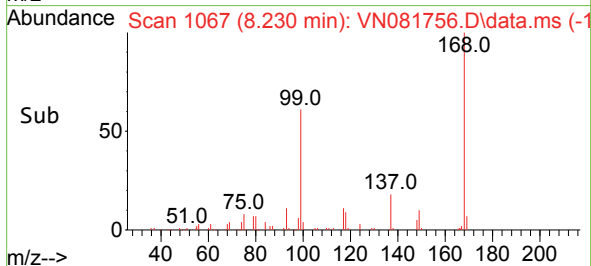
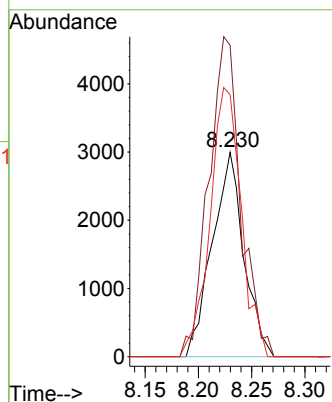
Tgt Ion: 56 Resp: 6165

Ion Ratio Lower Upper

56 100

69 152.3 24.4 36.6#

84 128.2 77.0 115.4#



#33

1,2-Dichloroethane-d4

Concen: 52.344 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081756.D

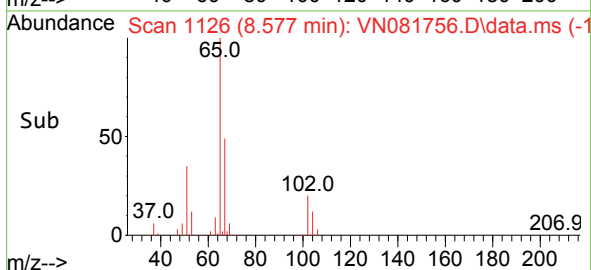
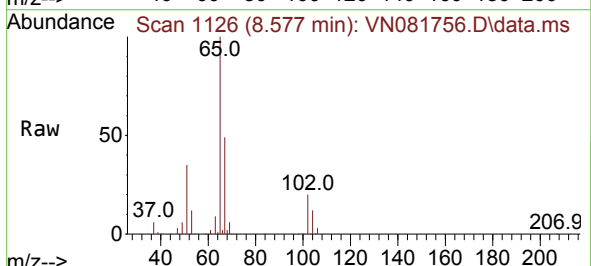
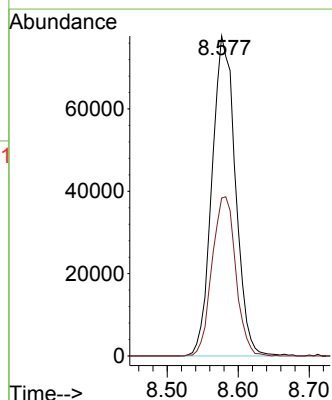
Acq: 16 Apr 2024 14:03

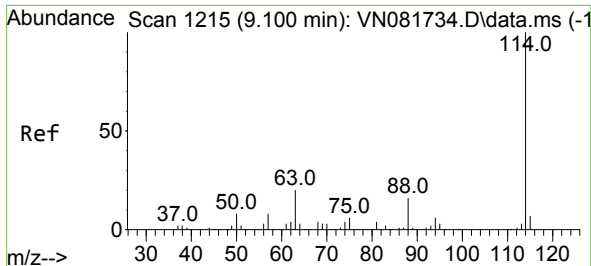
Tgt Ion: 65 Resp: 178025

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :

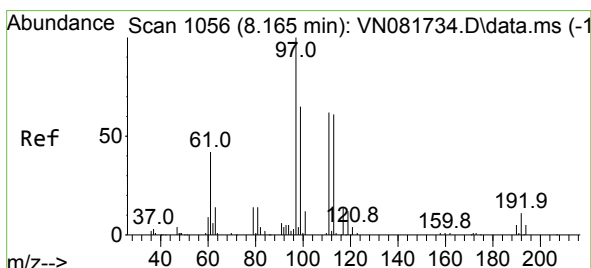
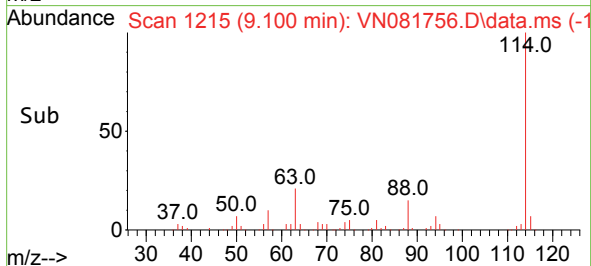
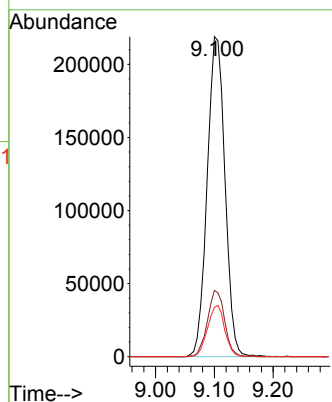
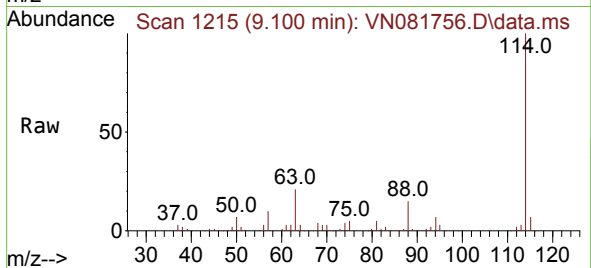
Tgt Ion:114 Resp: 460848

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.306 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

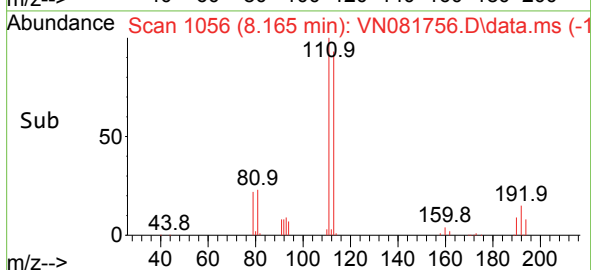
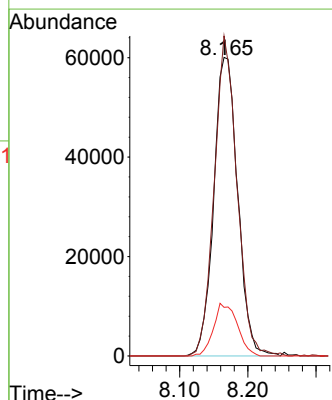
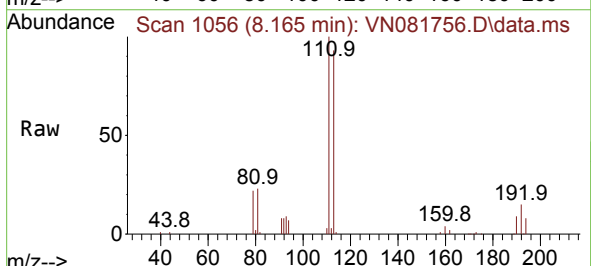
Tgt Ion:113 Resp: 147005

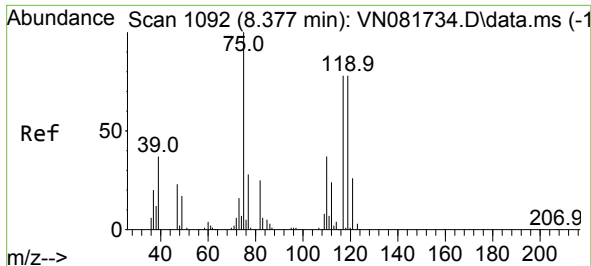
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 17.5 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.202 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

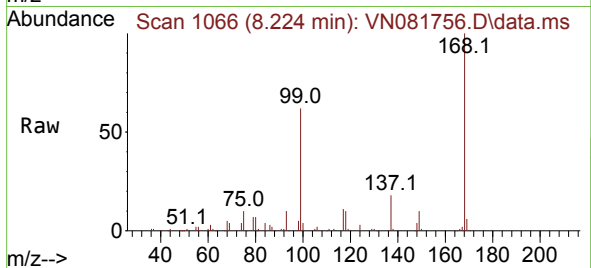
Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :



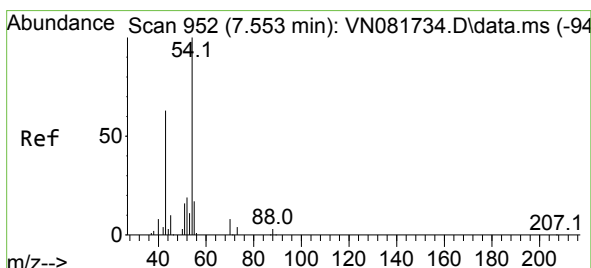
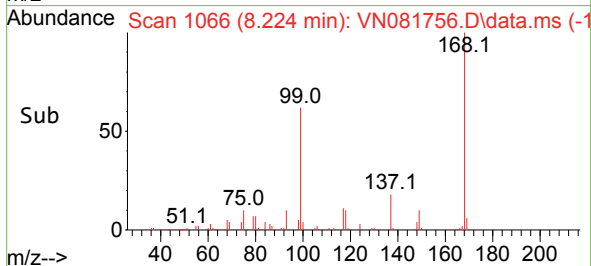
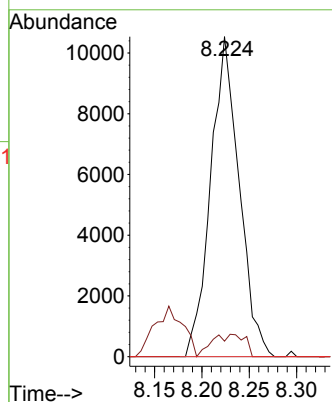
Tgt Ion: 75 Resp: 22058

Ion Ratio Lower Upper

75 100

110 3.8 17.8 53.5#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.181 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.018 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

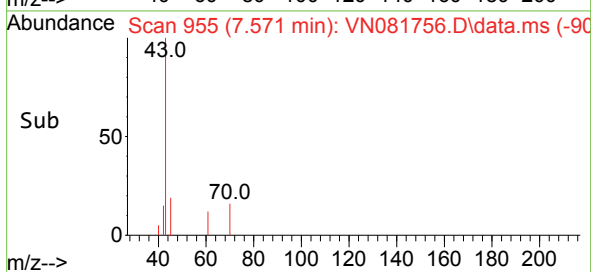
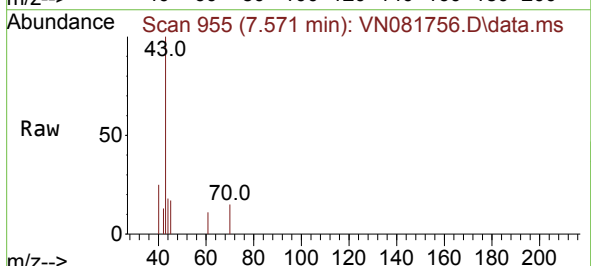
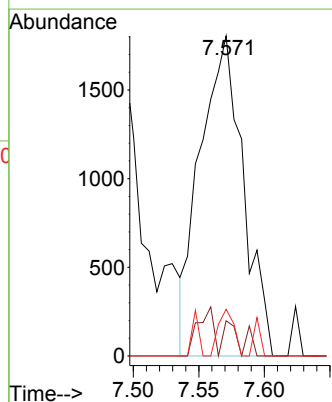
Tgt Ion: 43 Resp: 4114

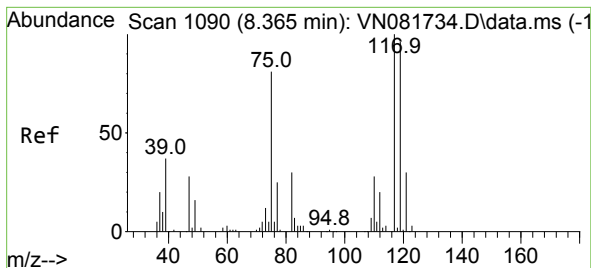
Ion Ratio Lower Upper

43 100

61 5.6 11.3 16.9#

70 5.3 8.7 13.1#





#38

Carbon Tetrachloride

Concen: 5.476 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

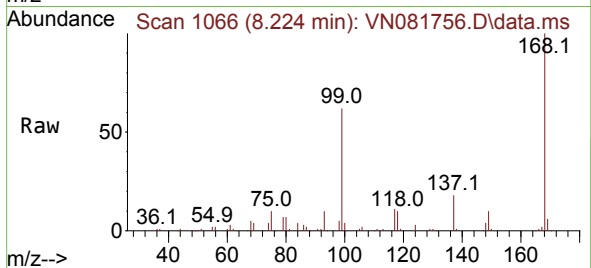
Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :



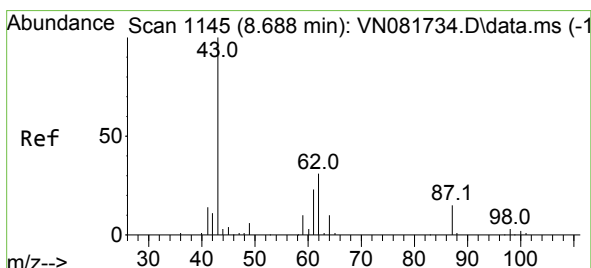
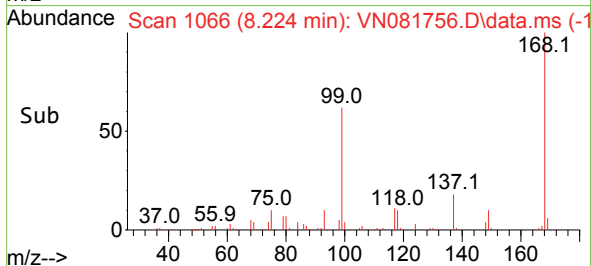
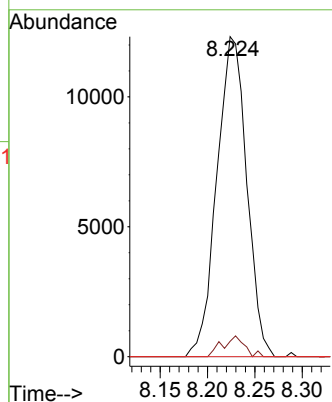
Tgt Ion:117 Resp: 27012

Ion Ratio Lower Upper

117 100

119 4.8 76.5 114.7#

121 0.0 23.9 35.9#



#43

Isopropyl Acetate

Concen: 44.466 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

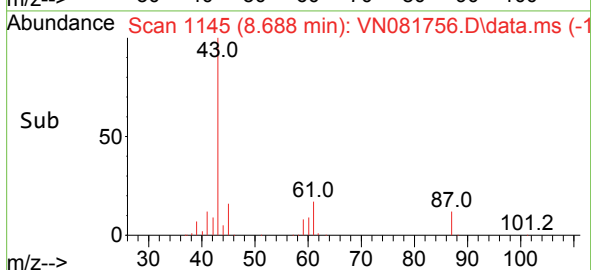
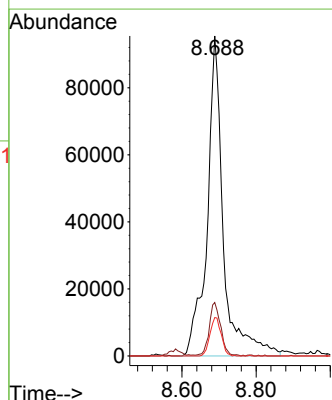
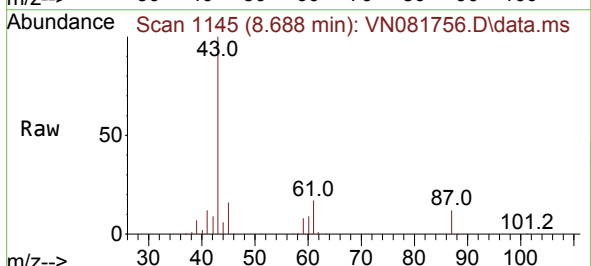
Tgt Ion: 43 Resp: 289029

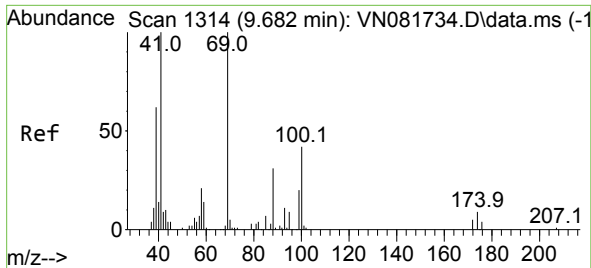
Ion Ratio Lower Upper

43 100

61 11.9 22.8 34.2#

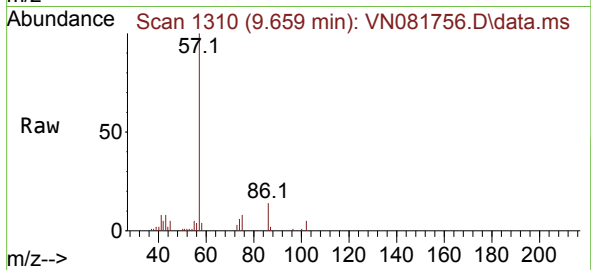
87 8.4 12.0 18.0#



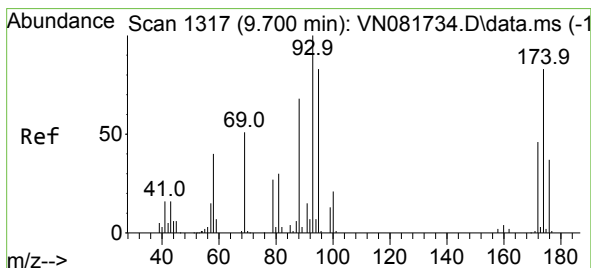
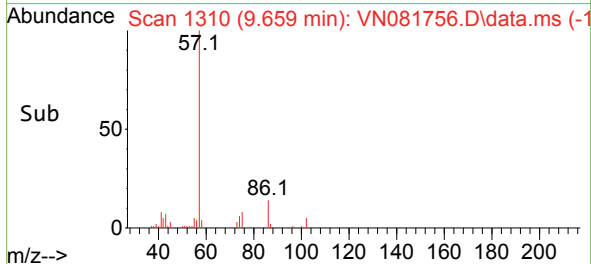
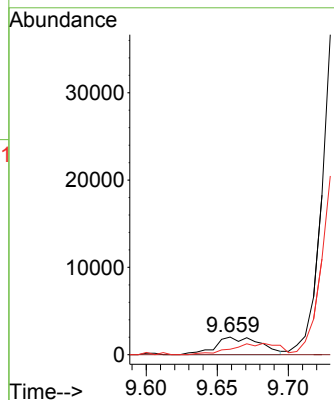


#48
Methyl methacrylate
Concen: 1.687 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

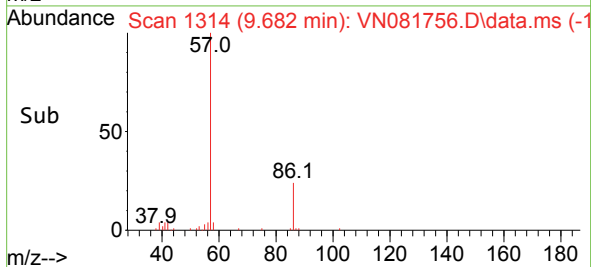
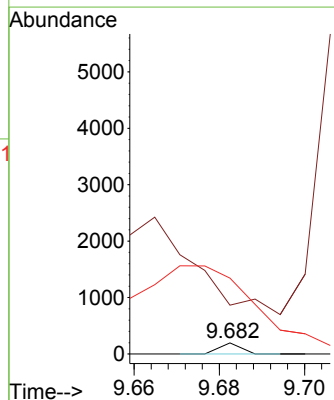
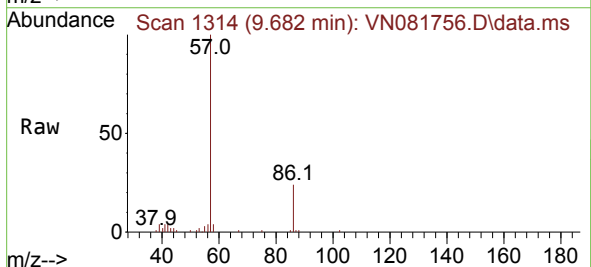


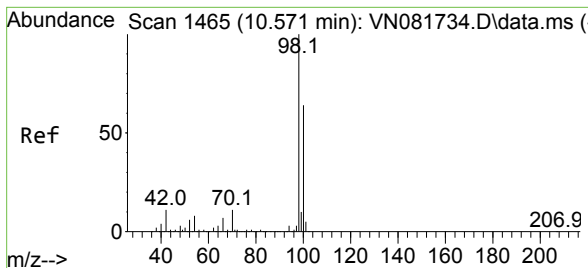
Tgt Ion: 41 Resp: 4468
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 0.0 50.9 76.3#



#49
1,4-Dioxane
Concen: 1.038 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 5005.8 50.6 76.0#

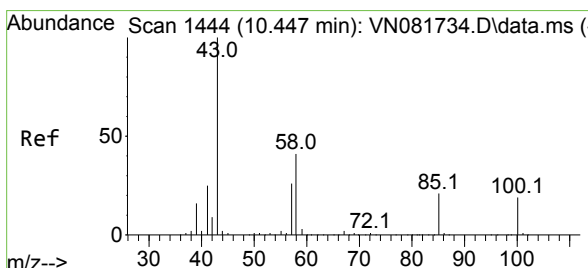
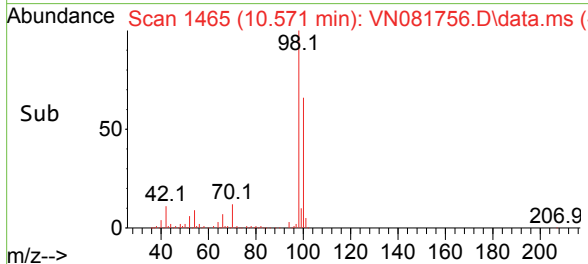
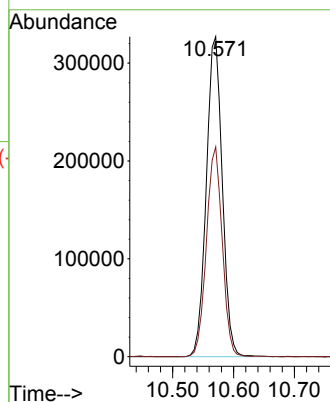
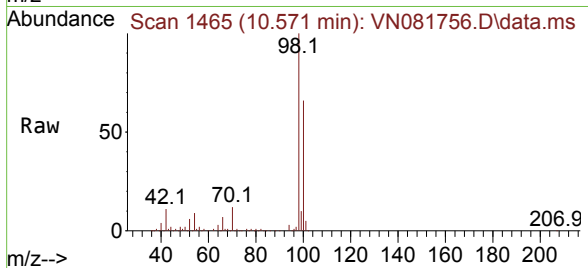




#50
Toluene-d8
Concen: 53.015 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

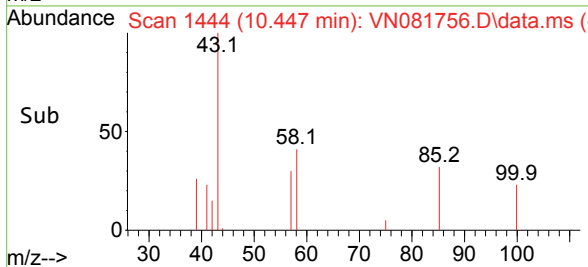
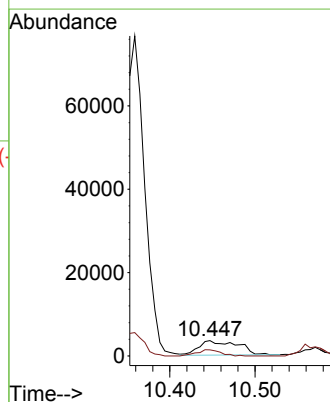
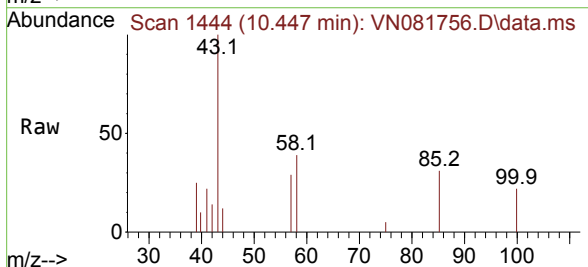
Instrument :
MSVOA_N
ClientSampleId :

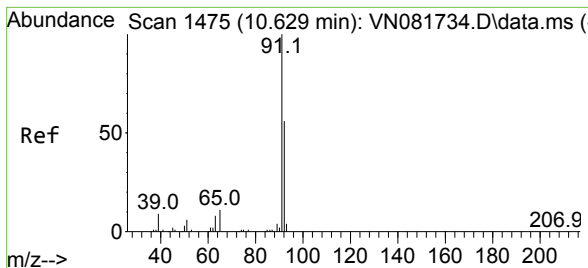
Tgt Ion: 98 Resp: 594346
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 3.094 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion: 43 Resp: 11186
Ion Ratio Lower Upper
43 100
58 25.7 33.2 49.8#





#52

Toluene

Concen: 0.434 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

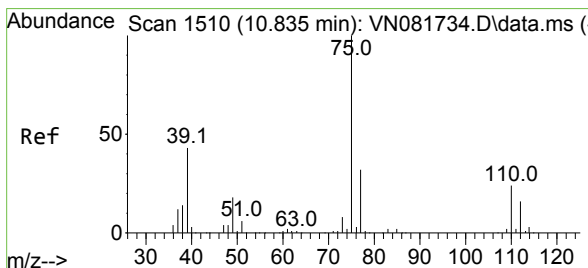
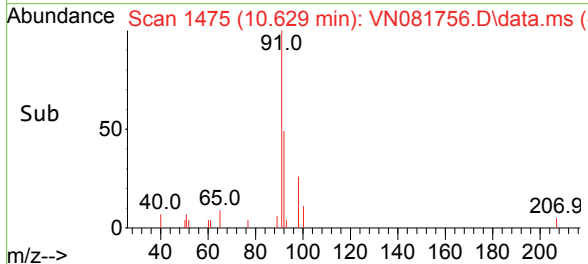
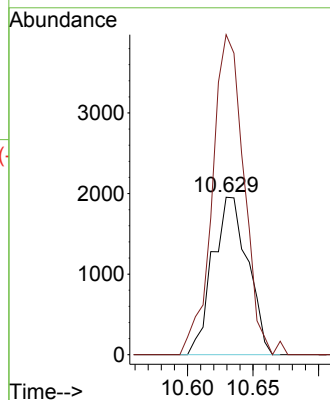
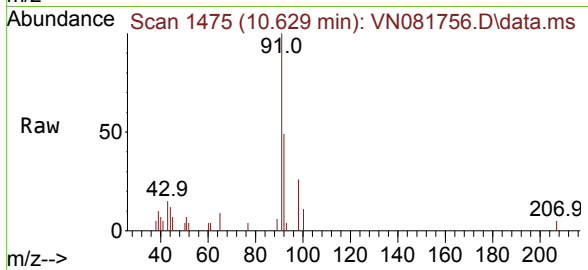
ClientSampleId :

Tgt Ion: 92 Resp: 3642

Ion Ratio Lower Upper

92 100

91 183.7 136.7 205.1



#53

t-1,3-Dichloropropene

Concen: 0.256 ug/l

RT: 10.729 min Scan# 1492

Delta R.T. -0.106 min

Lab File: VN081756.D

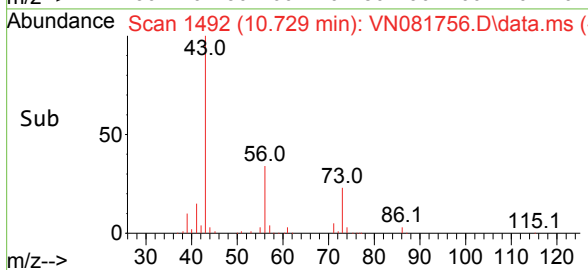
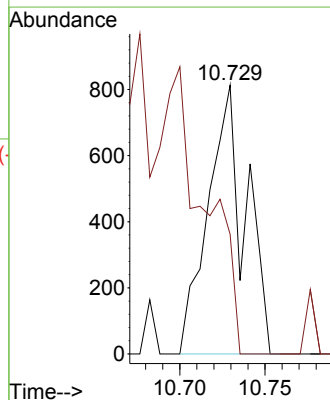
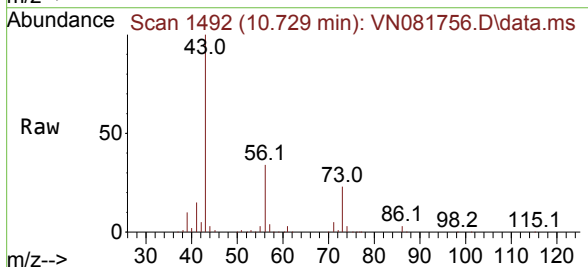
Acq: 16 Apr 2024 14:03

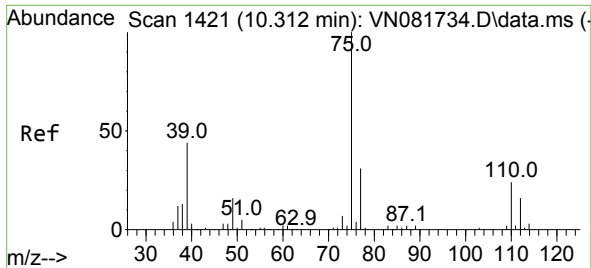
Tgt Ion: 75 Resp: 1238

Ion Ratio Lower Upper

75 100

77 44.5 25.4 38.0#

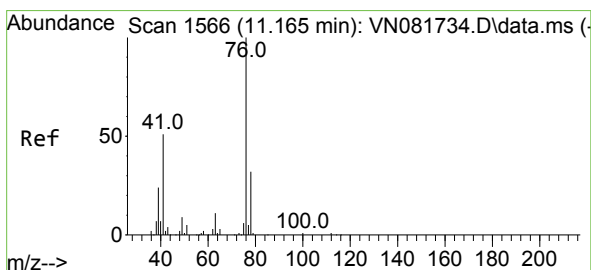
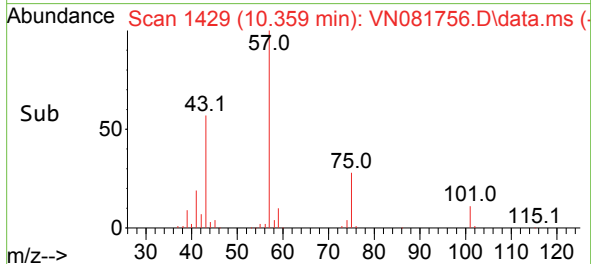
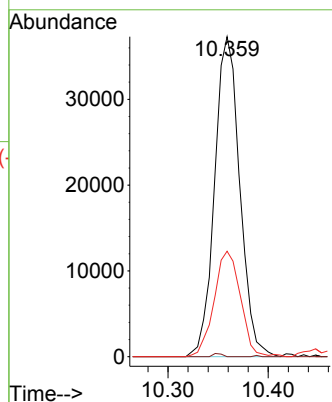
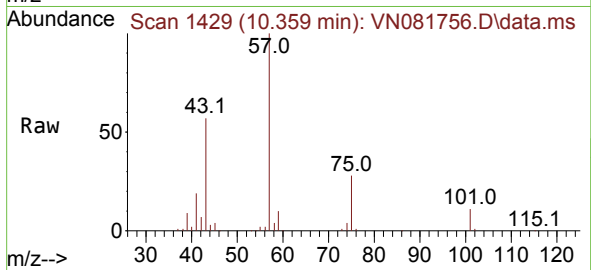




#54
 cis-1,3-Dichloropropene
 Concen: 12.584 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN081756.D
 Acq: 16 Apr 2024 14:03

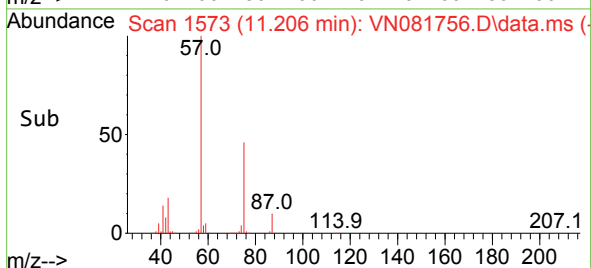
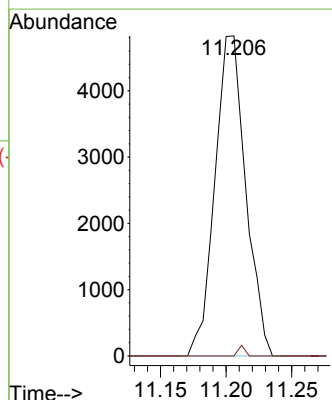
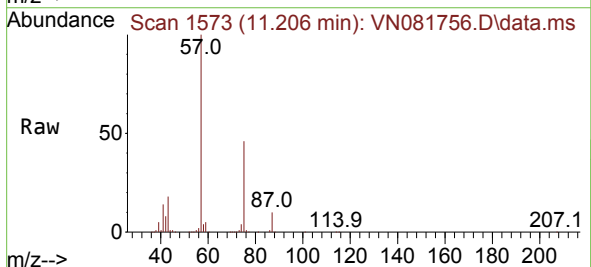
Instrument :
 MSVOA_N
 ClientSampleId :

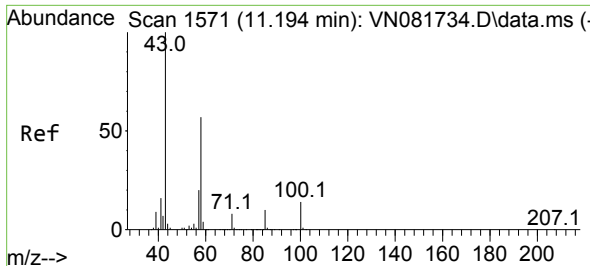
Tgt Ion: 75 Resp: 64834
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.4#
 39 33.0 34.8 52.2#



#57
 1,3-Dichloropropane
 Concen: 1.497 ug/l
 RT: 11.206 min Scan# 1573
 Delta R.T. 0.041 min
 Lab File: VN081756.D
 Acq: 16 Apr 2024 14:03

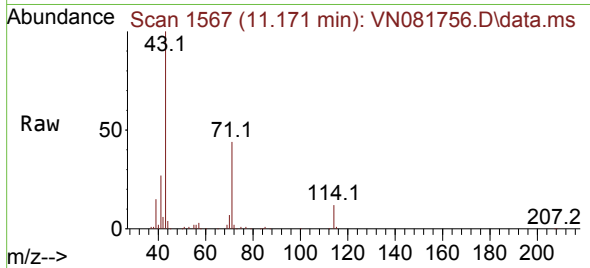
Tgt Ion: 76 Resp: 7898
 Ion Ratio Lower Upper
 76 100
 78 0.7 25.8 38.6#



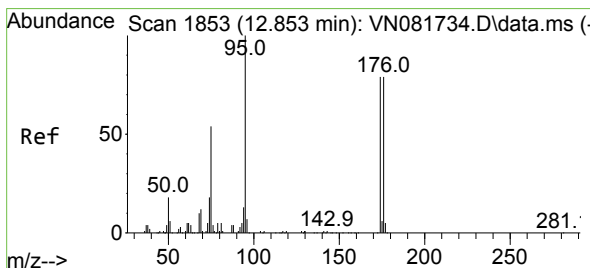
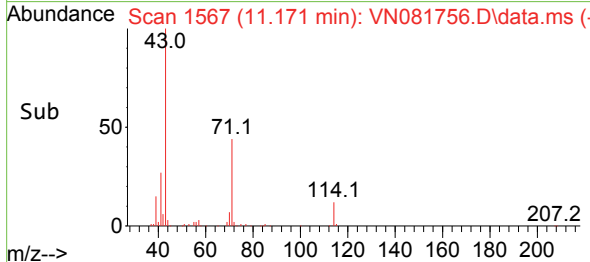
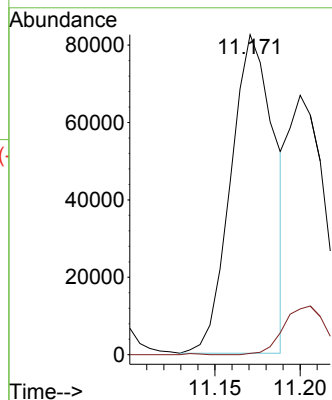


#59
2-Hexanone
Concen: 55.788 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

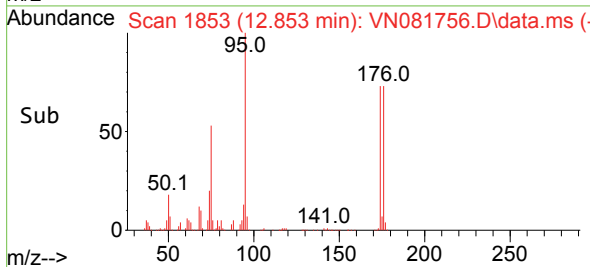
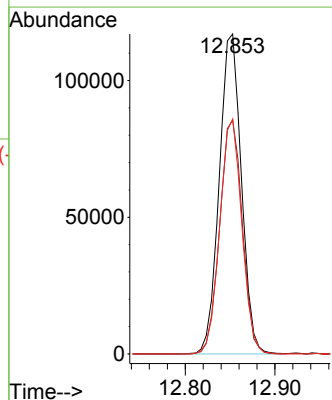
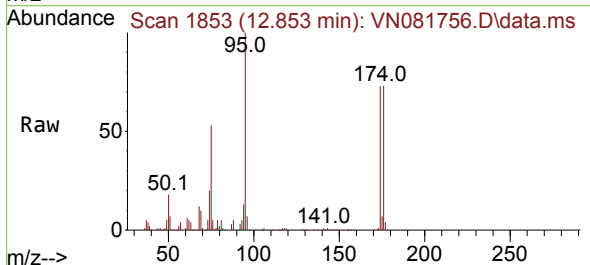


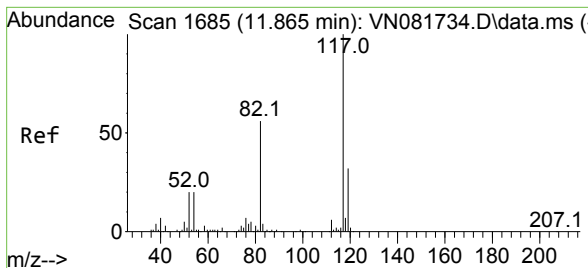
Tgt Ion: 43 Resp: 146007
Ion Ratio Lower Upper
43 100
58 0.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 52.273 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

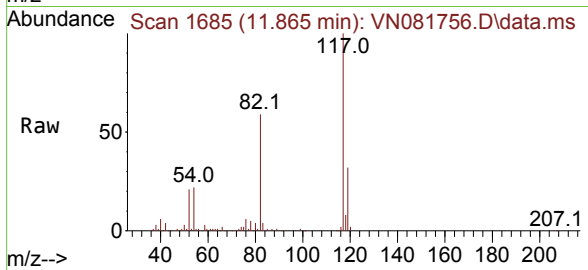
Tgt Ion: 95 Resp: 200264
Ion Ratio Lower Upper
95 100
174 74.5 0.0 160.6
176 72.9 0.0 152.8



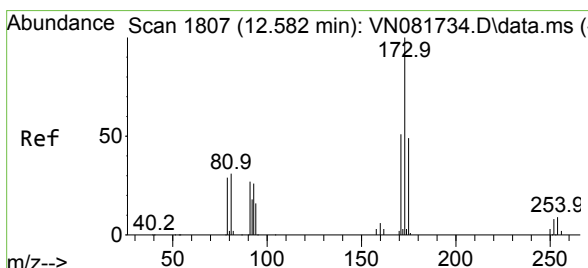
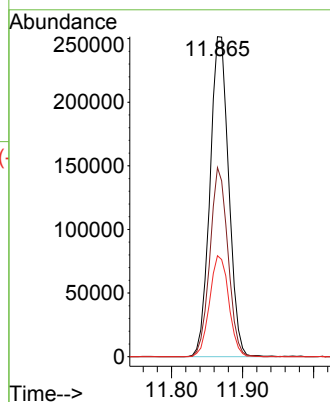
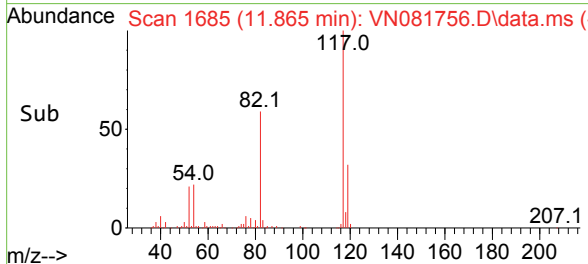


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

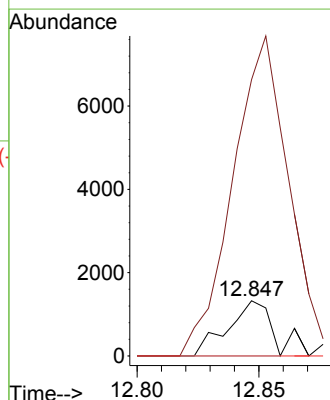
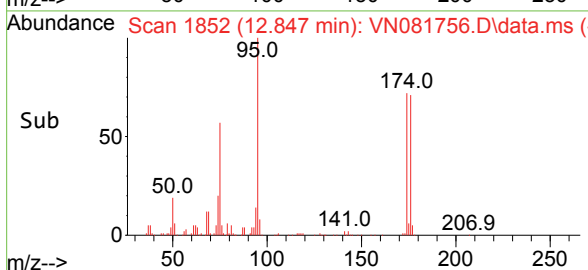
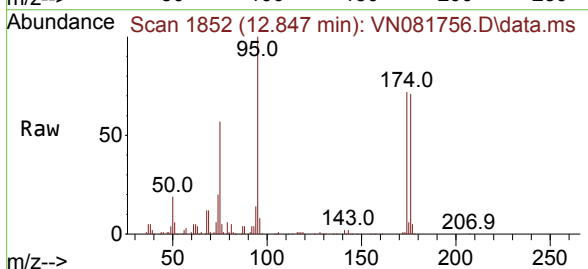


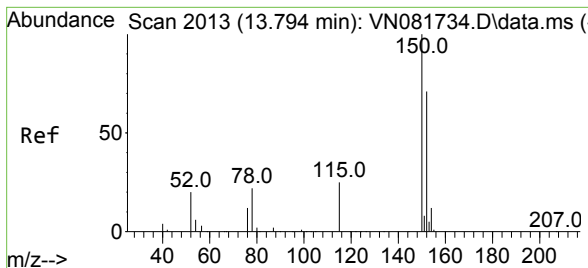
Tgt Ion:117 Resp: 460297
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 31.5 25.9 38.9



#71
Bromoform
Concen: 0.554 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 670.4 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# 20

Delta R.T. -0.000 min

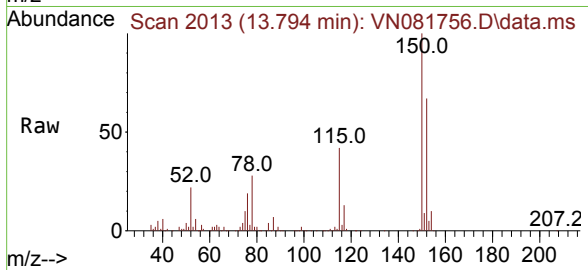
Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA_N

ClientSampleId :



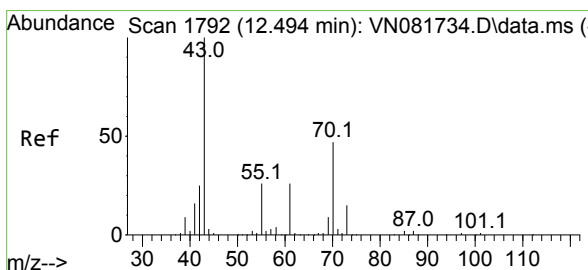
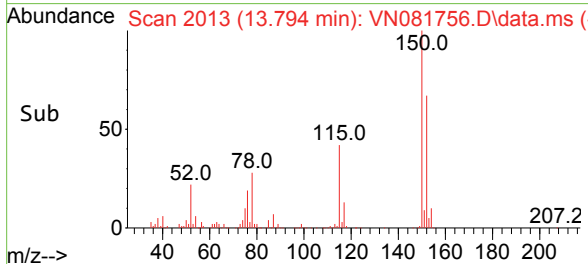
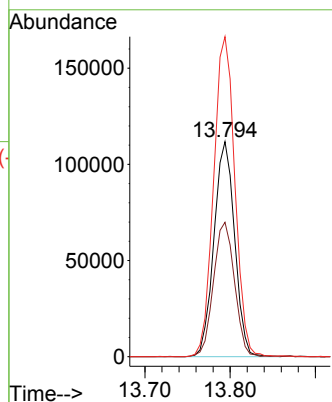
Tgt Ion:152 Resp: 188062

Ion Ratio Lower Upper

152 100

115 63.6 30.4 91.3

150 152.9 0.0 353.2



#74

N-ethyl acetate

Concen: 0.388 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Tgt Ion: 43 Resp: 1990

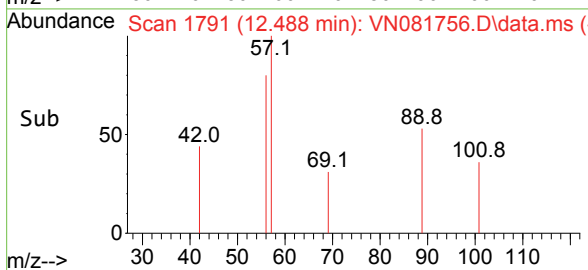
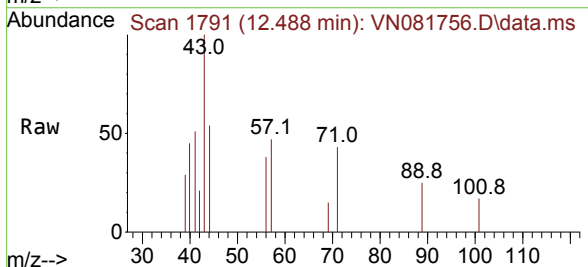
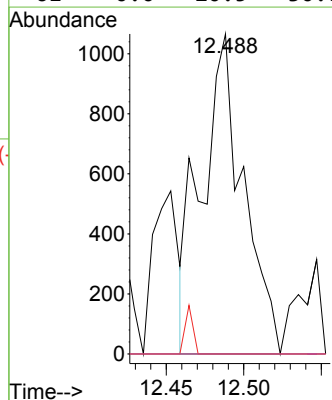
Ion Ratio Lower Upper

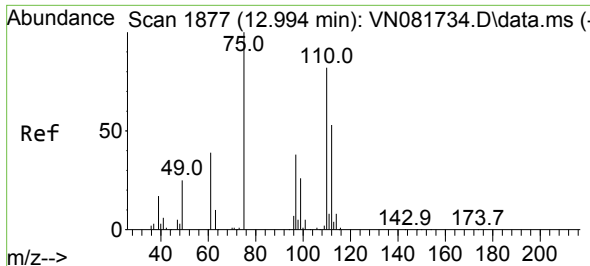
43 100

70 0.0 39.0 58.4#

55 0.0 21.3 31.9#

61 0.0 20.5 30.7#

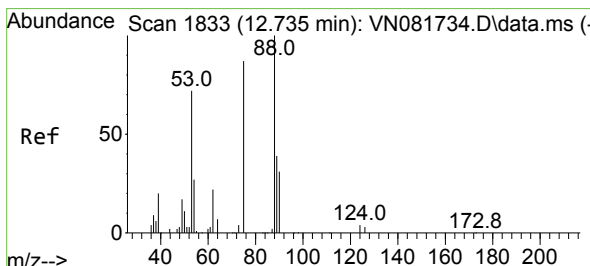
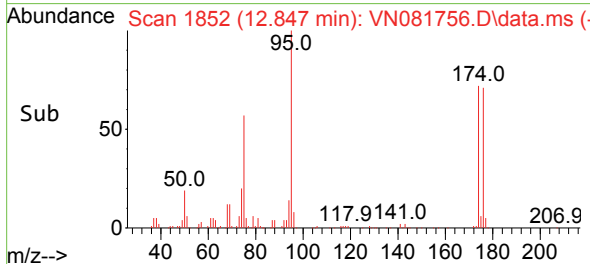
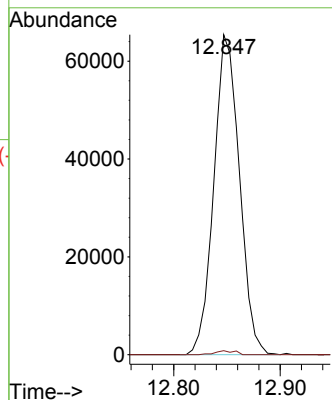
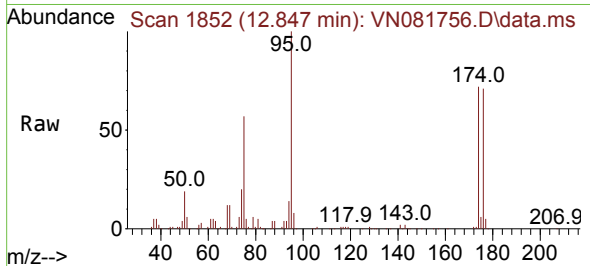




#76
1,2,3-Trichloropropane
Concen: 30.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 109117
Ion Ratio Lower Upper
75 100
77 1.0 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.995 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN081756.D
Acq: 16 Apr 2024 14:03

Tgt Ion: 75 Resp: 109117
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

