

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083385.D
 Acq On : 19 Aug 2024 20:19
 Operator : JC\MD
 Sample : P3662-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:51:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	135819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123277	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102353	52.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.880%
35) Dibromofluoromethane	8.165	113	82881	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.565	98	306790	48.956	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.847	95	123810	50.678	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.360%

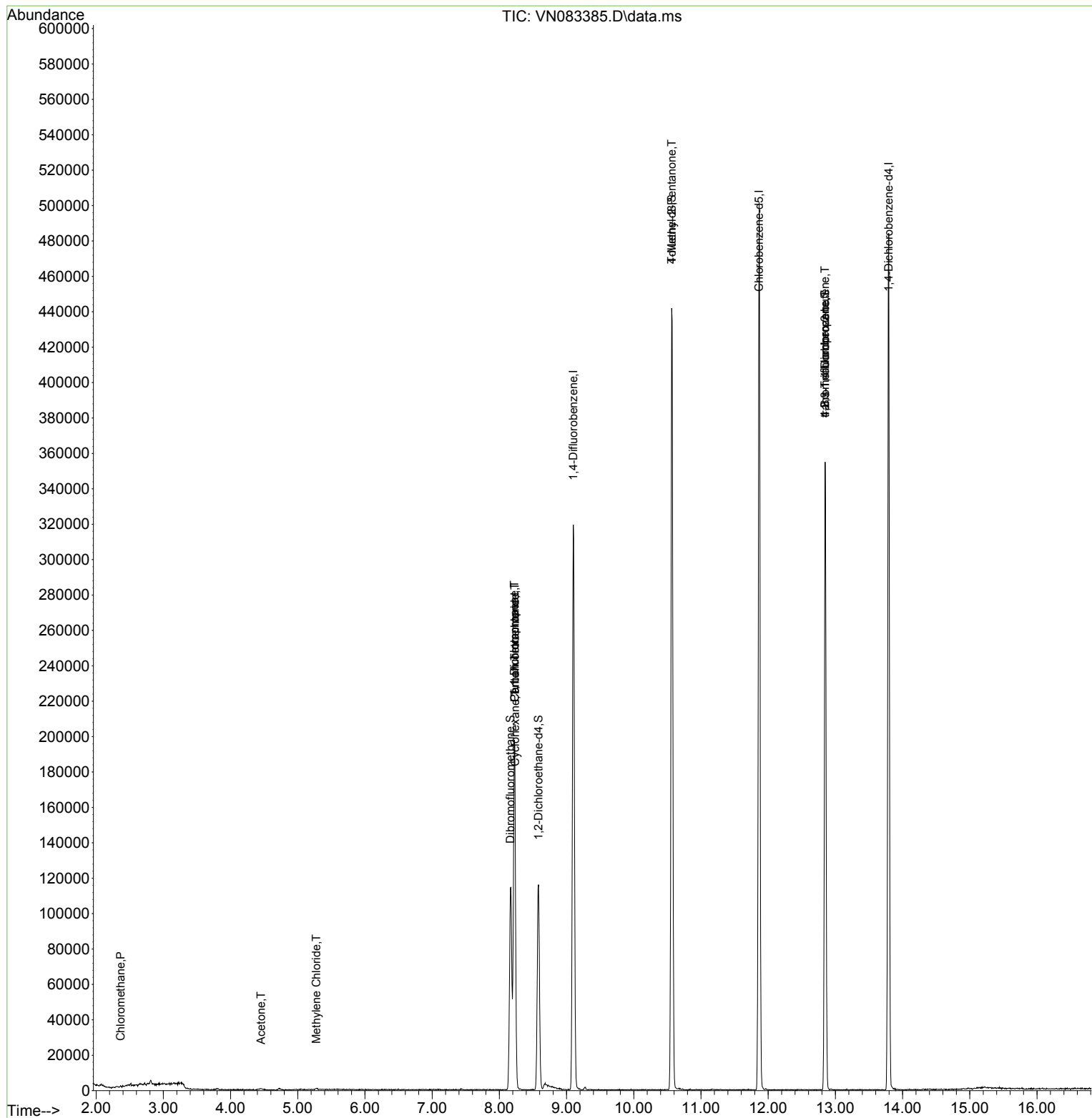
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	477	0.302	ug/l	93
16) Acetone	4.453	43	1391	1.839	ug/l #	48
20) Methylene Chloride	5.277	84	593	0.341	ug/l #	43
31) Cyclohexane	8.235	56	3492	1.219	ug/l #	44
36) 1,1-Dichloropropene	8.224	75	12163	4.786	ug/l #	53
38) Carbon Tetrachloride	8.230	117	15556	5.435	ug/l #	18
43) Isopropyl Acetate	8.671	43	2489	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1558	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68679	25.384	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68679	55.216	ug/l #	6

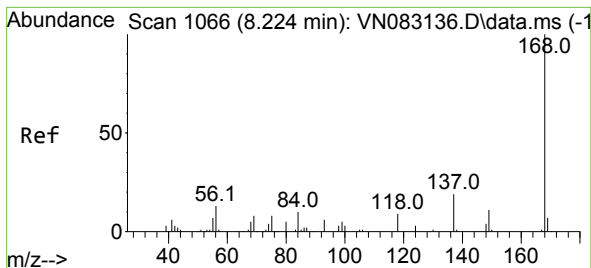
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

Instrument :

MSVOA_N

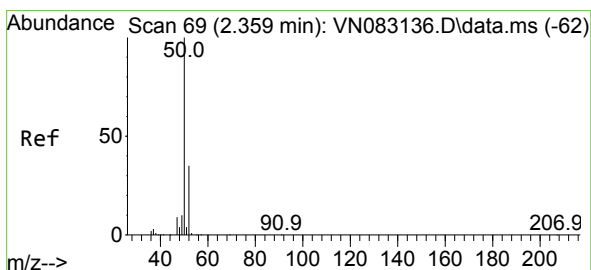
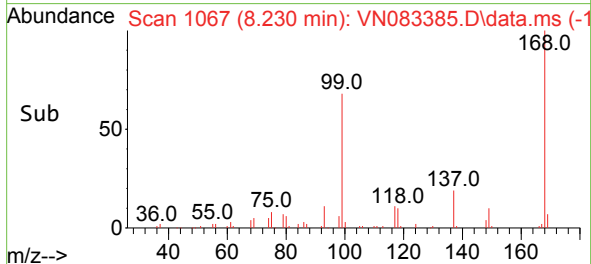
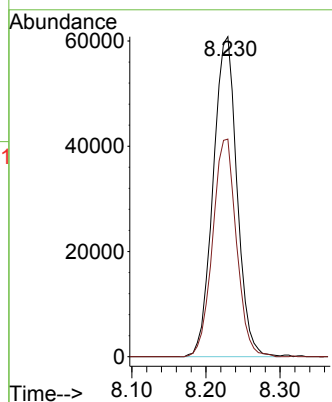
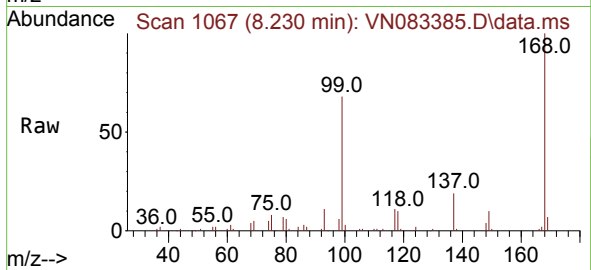
ClientSampleId :

Tgt Ion:168 Resp: 135819

Ion Ratio Lower Upper

168 100

99 68.0 48.2 72.4



#3

Chloromethane

Concen: 0.302 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083385.D

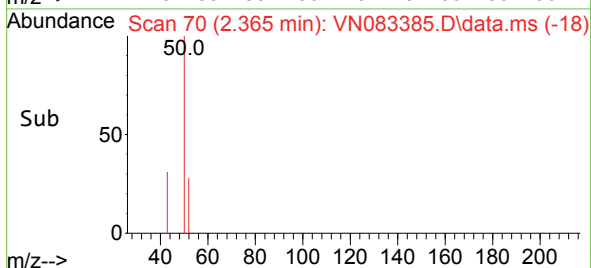
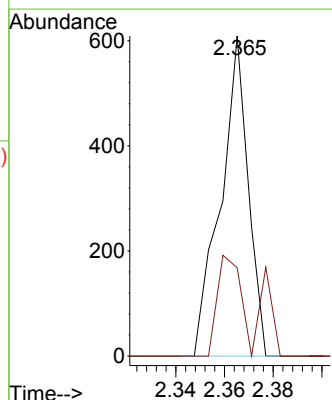
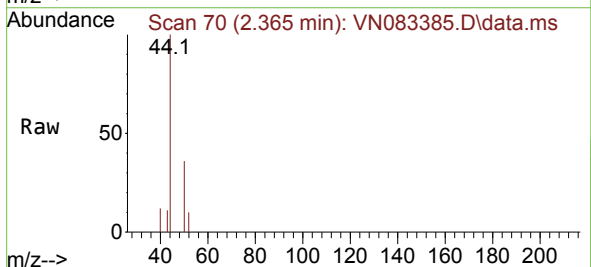
Acq: 19 Aug 2024 20:19

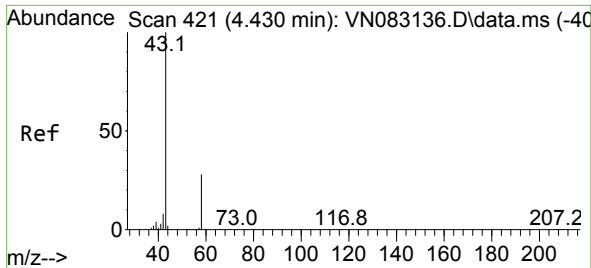
Tgt Ion: 50 Resp: 477

Ion Ratio Lower Upper

50 100

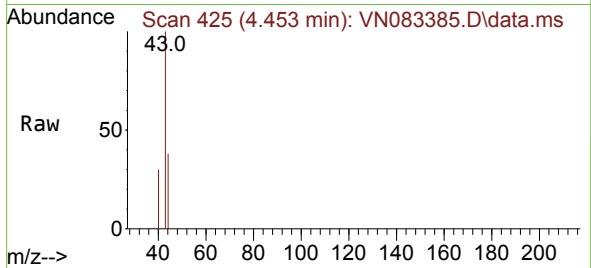
52 27.6 25.0 37.4



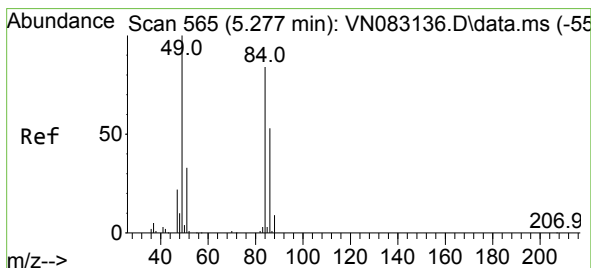
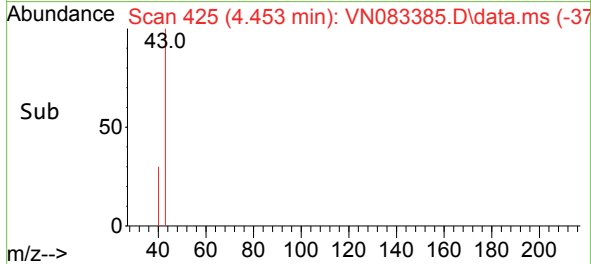
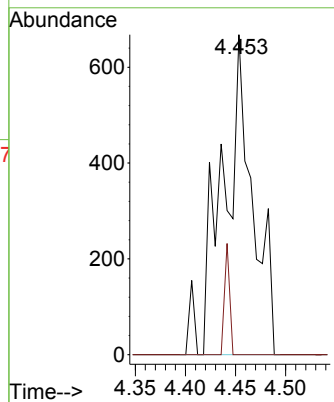


#16
Acetone
Concen: 1.839 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

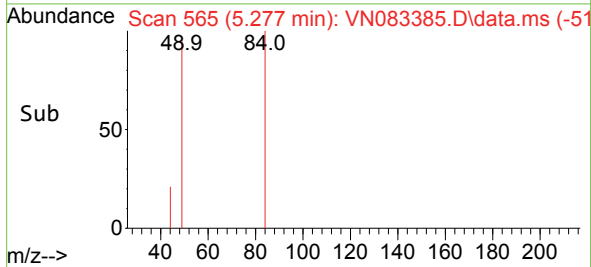
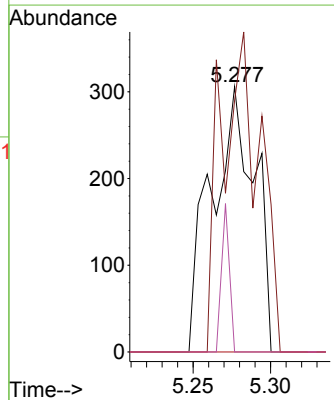
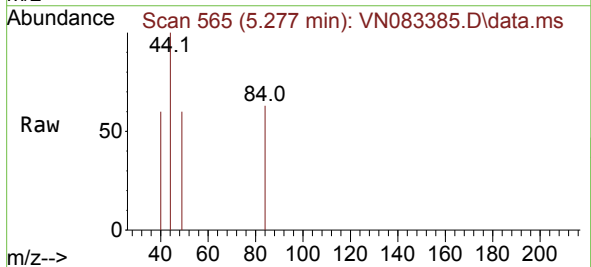


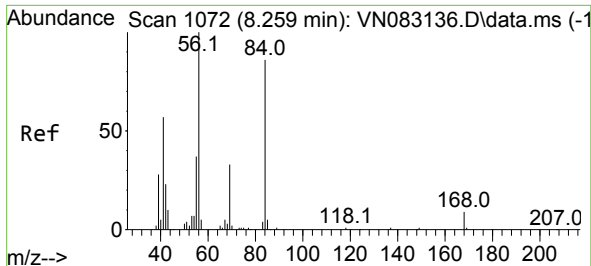
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

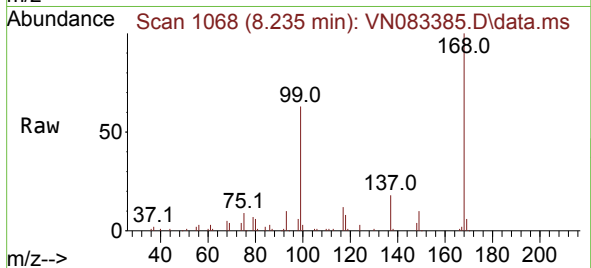
Tgt Ion: 84 Resp: 593
Ion Ratio Lower Upper
84 100
49 94.8 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



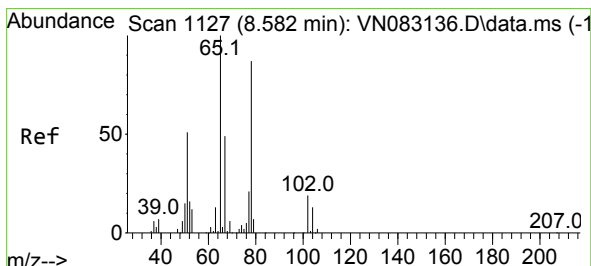
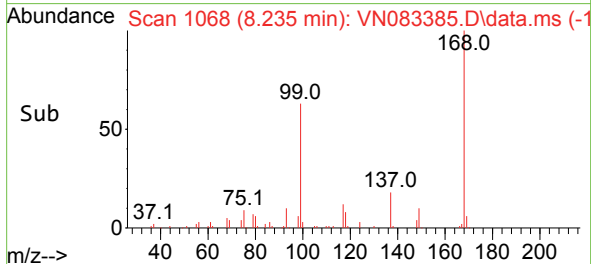
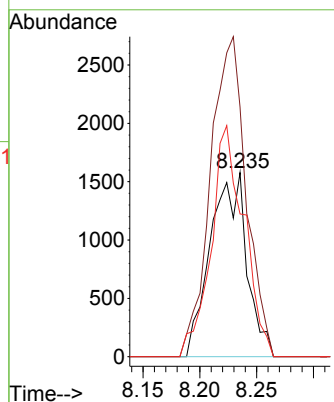


#31
Cyclohexane
Concen: 1.219 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

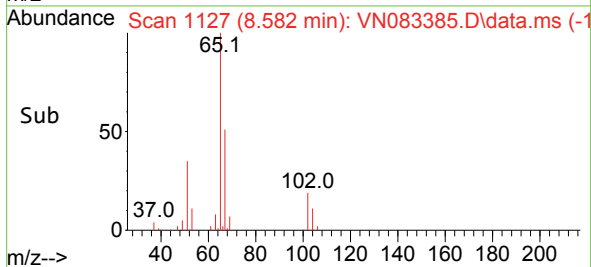
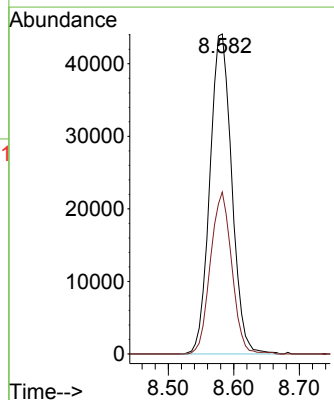
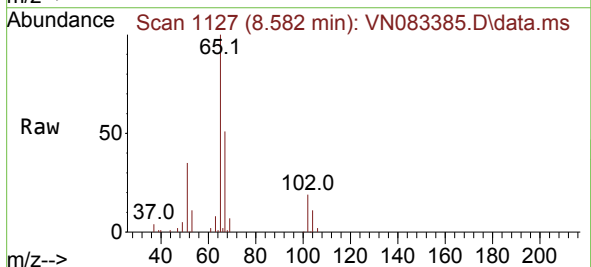


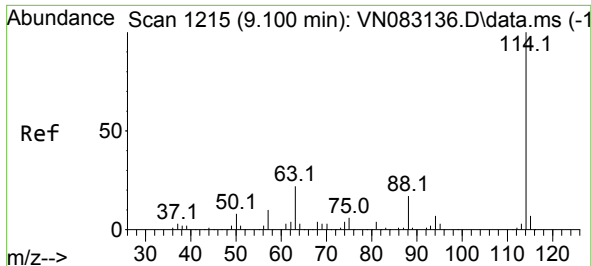
Tgt Ion: 56 Resp: 3492
Ion Ratio Lower Upper
56 100
69 135.5 24.5 36.7#
84 77.5 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 52.944 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Tgt Ion: 65 Resp: 102353
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

Instrument :

MSVOA_N

ClientSampleId :

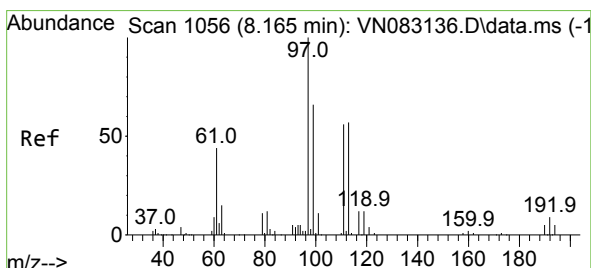
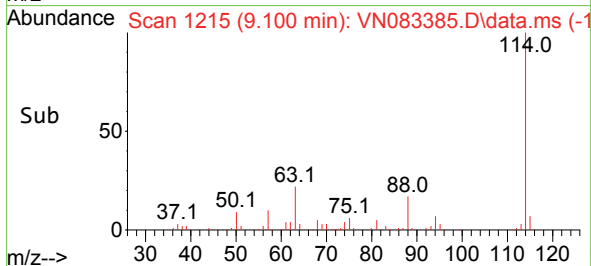
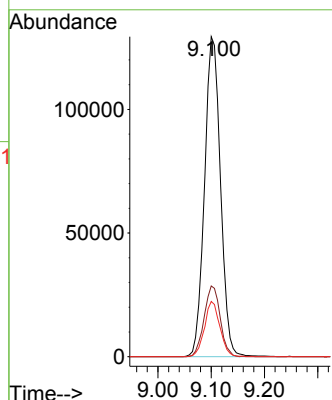
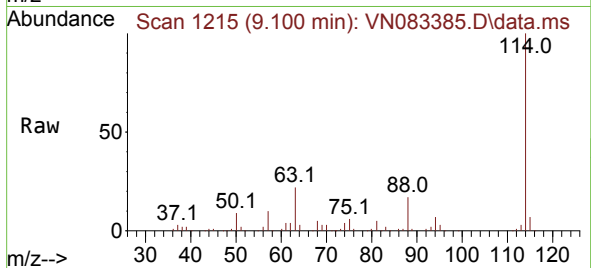
Tgt Ion:114 Resp: 269145

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 17.3 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

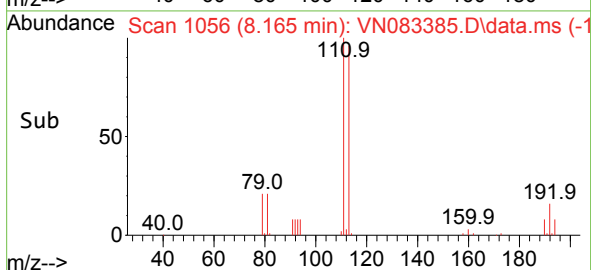
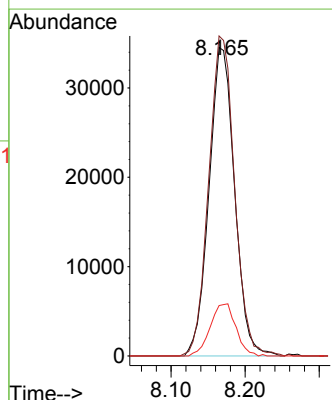
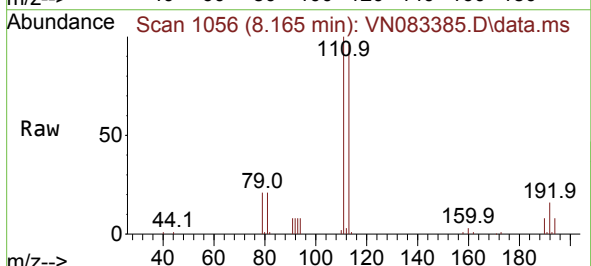
Tgt Ion:113 Resp: 82881

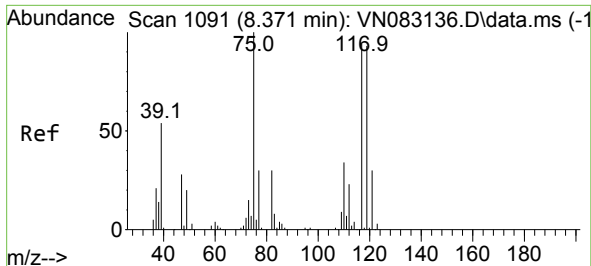
Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

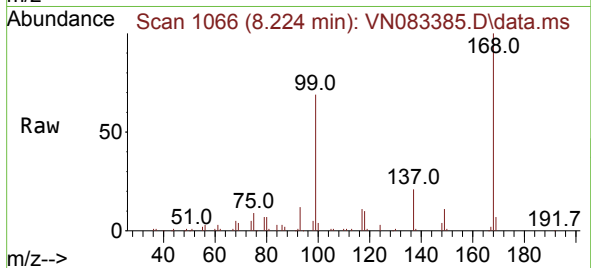
192 17.0 14.9 22.3



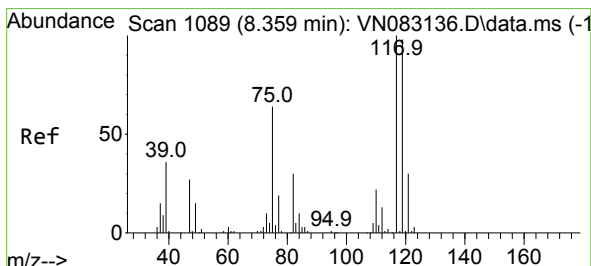
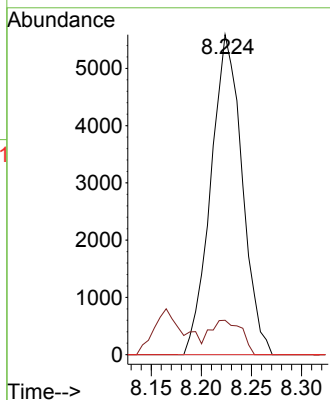
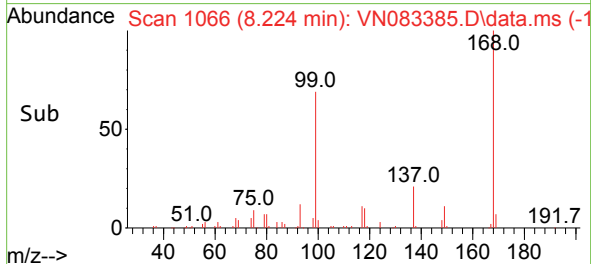


#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

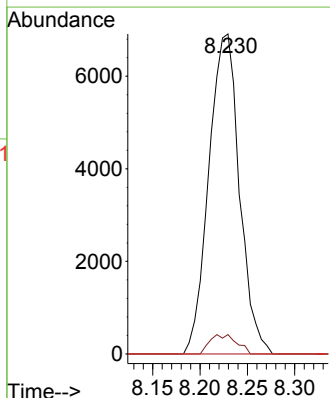
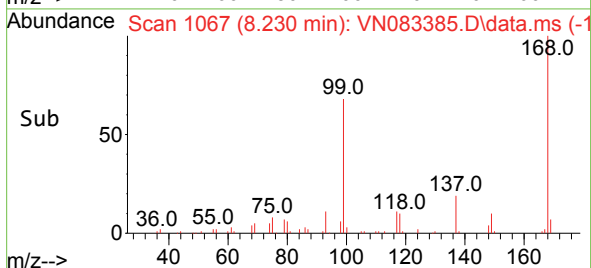
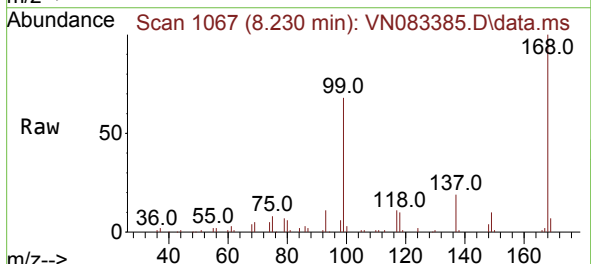


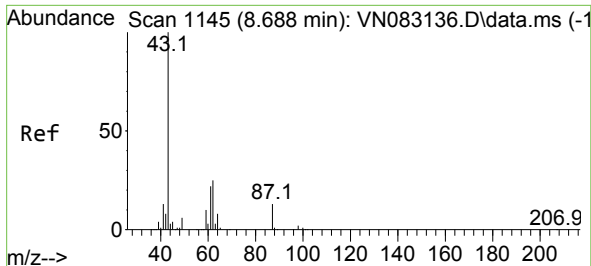
Tgt Ion: 75 Resp: 12163
Ion Ratio Lower Upper
75 100
110 10.7 16.3 48.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.435 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

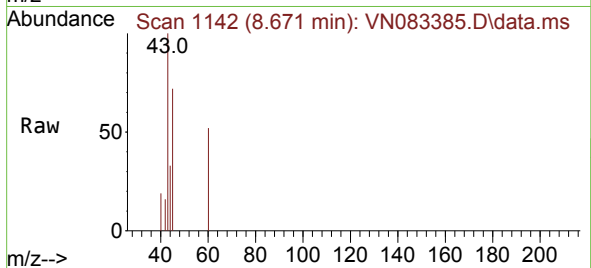
Tgt Ion: 117 Resp: 15556
Ion Ratio Lower Upper
117 100
119 6.1 74.9 112.3#
121 0.0 24.3 36.5#



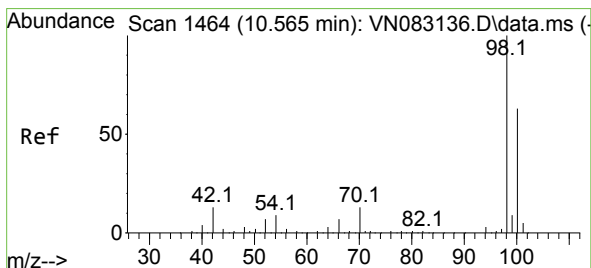
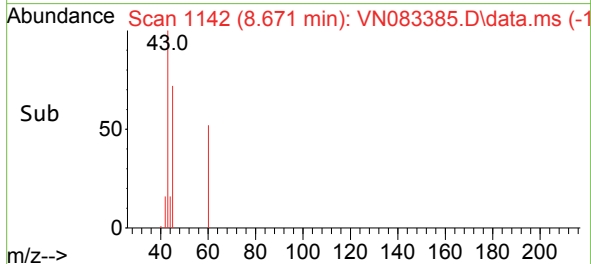
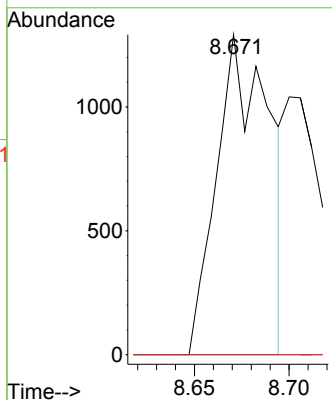


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1145
Delta R.T. -0.017 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Instrument :
MSVOA_N
ClientSampleId :

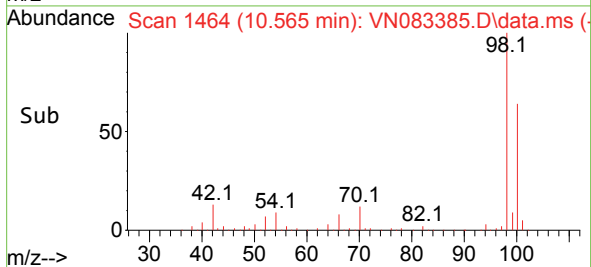
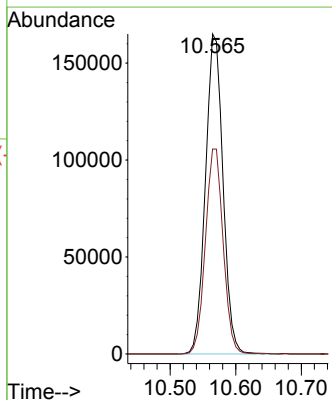
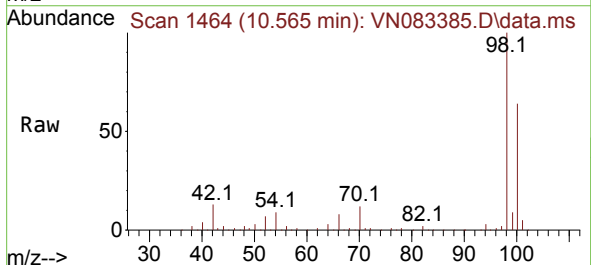


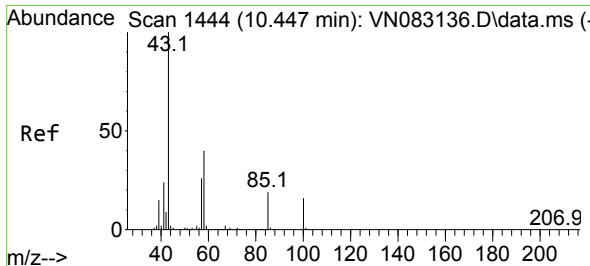
Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 48.956 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

Tgt Ion: 98 Resp: 306790
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 10.565 min Scan# 1444

Delta R.T. 0.118 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

Instrument :

MSVOA_N

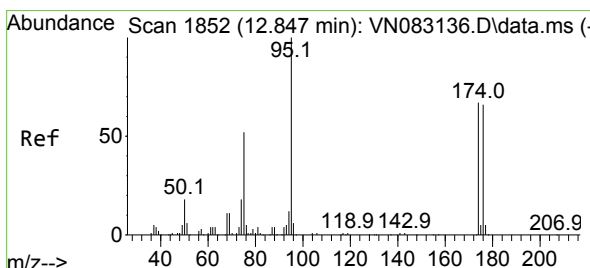
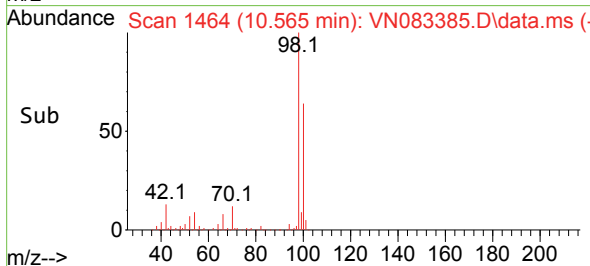
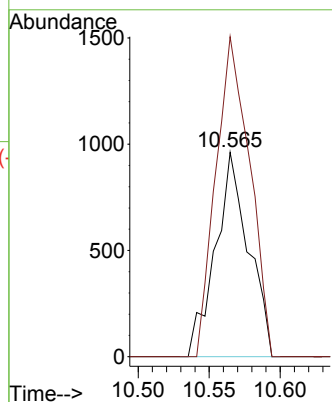
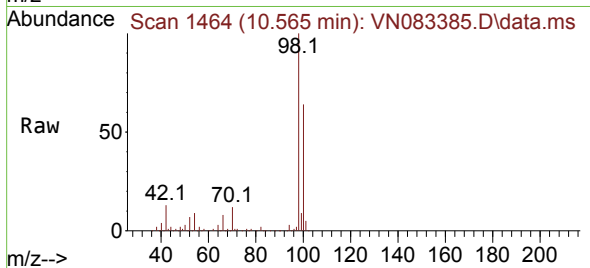
ClientSampleId :

Tgt Ion: 43 Resp: 1558

Ion Ratio Lower Upper

43 100

58 160.1 28.2 42.4#



#62

4-Bromofluorobenzene

Concen: 50.678 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

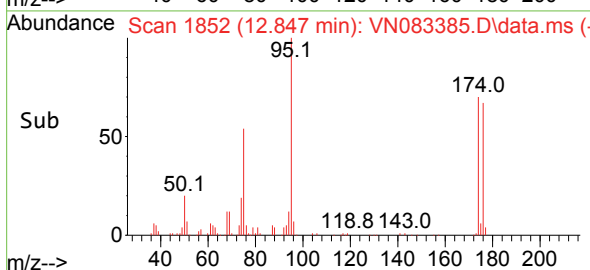
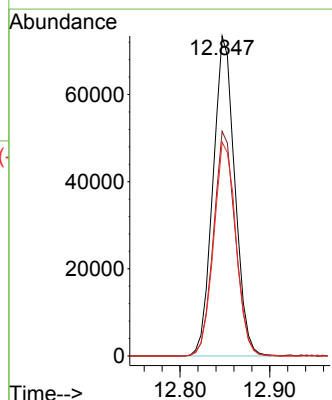
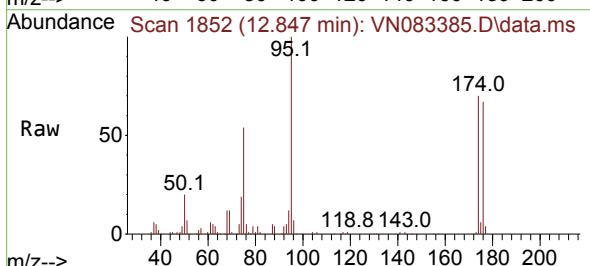
Tgt Ion: 95 Resp: 123810

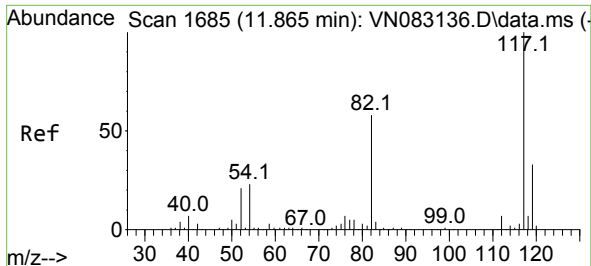
Ion Ratio Lower Upper

95 100

174 70.5 0.0 159.2

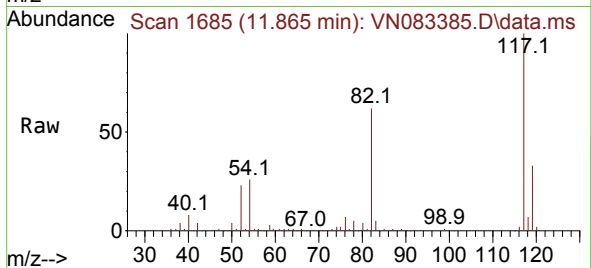
176 68.1 0.0 147.6



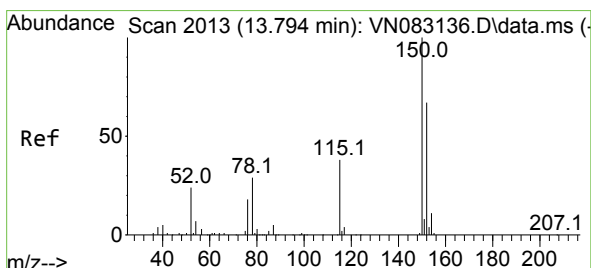
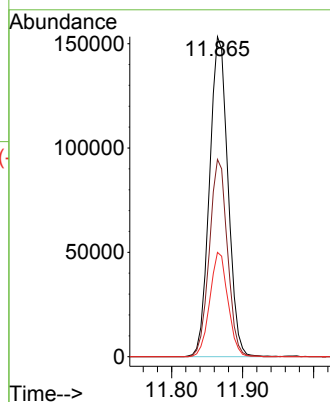
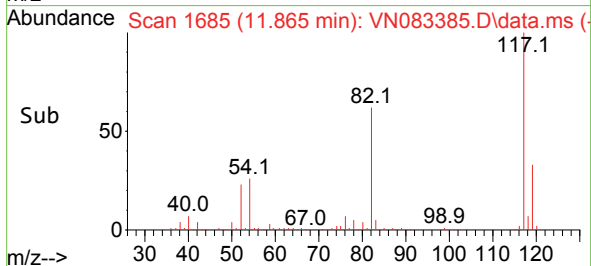


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19

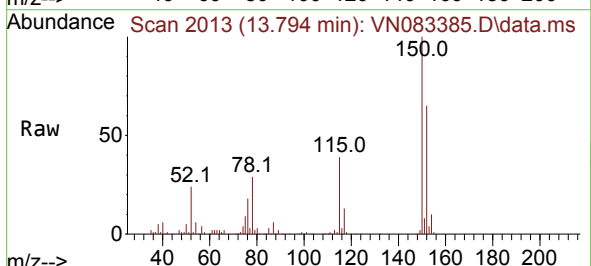
Instrument :
MSVOA_N
ClientSampleId :



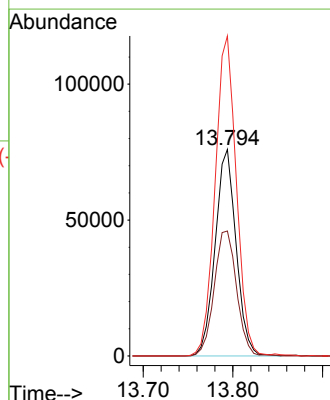
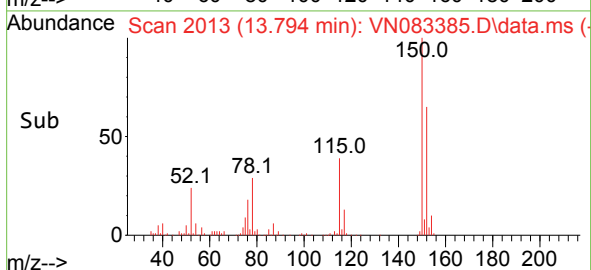
Tgt Ion:117 Resp: 276231
Ion Ratio Lower Upper
117 100
82 61.6 47.5 71.3
119 32.6 25.6 38.4

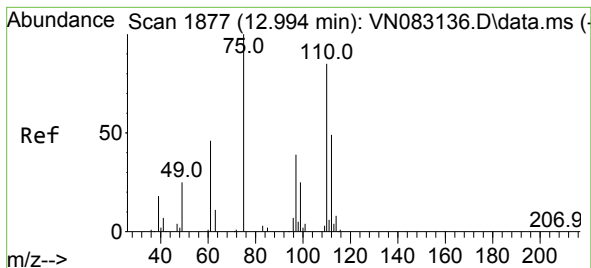


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083385.D
Acq: 19 Aug 2024 20:19



Tgt Ion:152 Resp: 123277
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 156.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.384 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

Instrument :

MSVOA_N

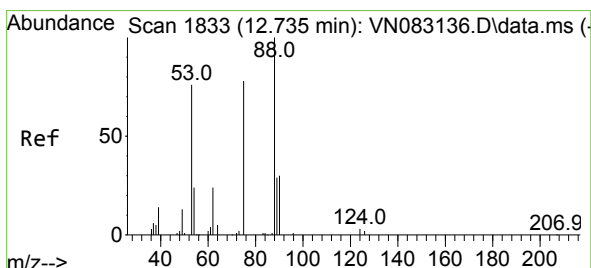
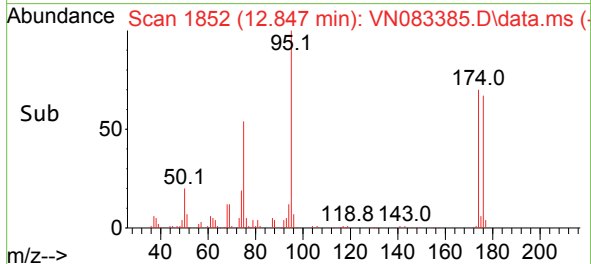
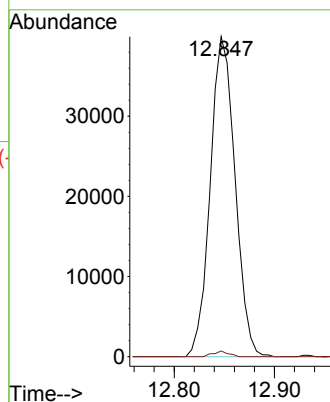
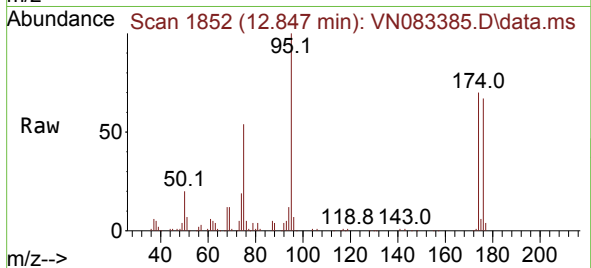
ClientSampleId :

Tgt Ion: 75 Resp: 68679

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.216 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083385.D

Acq: 19 Aug 2024 20:19

Tgt Ion: 75 Resp: 68679

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

