

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083167.D
 Acq On : 08 Aug 2024 19:47
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 09 01:09:58 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	8.224	168	135311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	113372	58.864	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.720%
35) Dibromofluoromethane	8.171	113	88858	54.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.600%
50) Toluene-d8	10.565	98	337064	55.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.460%
62) 4-Bromofluorobenzene	12.847	95	139888	59.328	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	118.660%

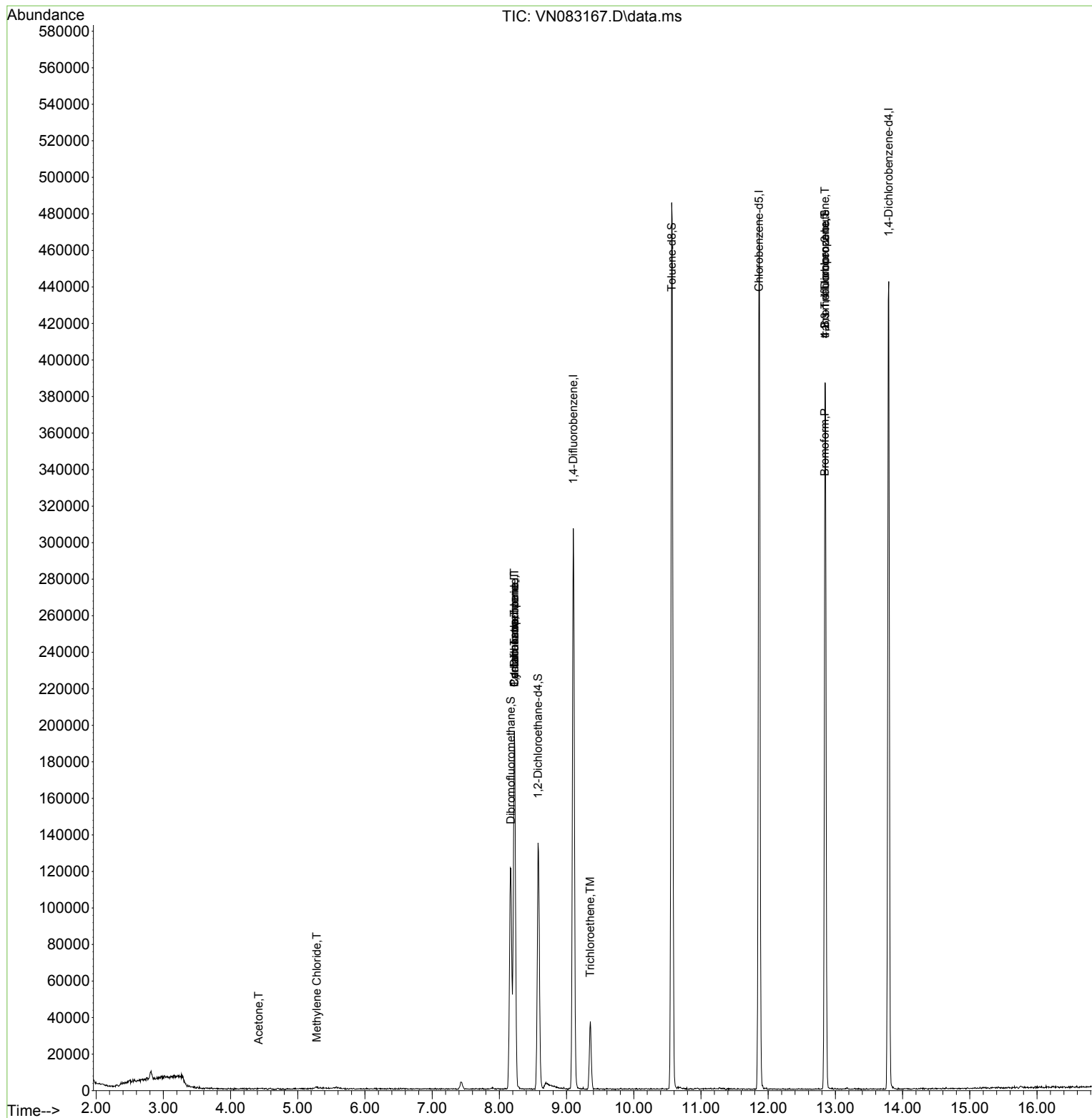
Target Compounds					Qvalue	
16) Acetone	4.418	43	389	0.516	ug/l #	48
20) Methylene Chloride	5.283	84	363	0.209	ug/l #	56
31) Cyclohexane	8.224	56	3446	1.207	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	12420	5.064	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15507	5.613	ug/l #	17
43) Isopropyl Acetate	8.694	43	4159	Below Cal	#	60
44) Trichloroethene	9.353	130	12930	7.435	ug/l	87
71) Bromoform	12.841	173	326	0.210	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	76996	30.238	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76996	65.774	ug/l #	6

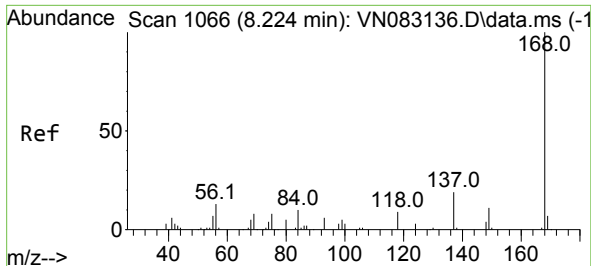
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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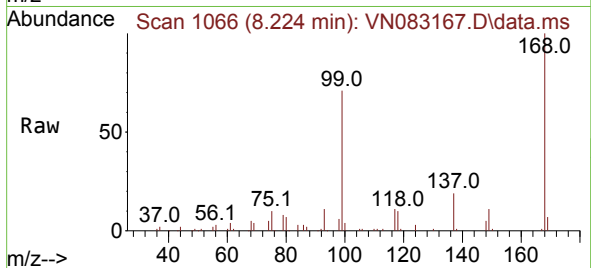
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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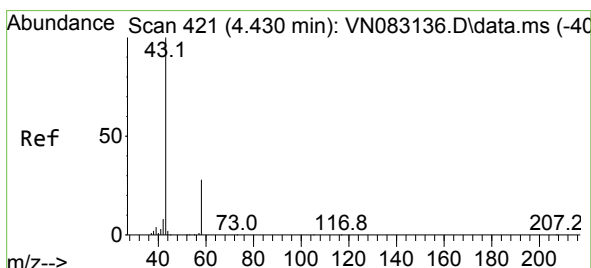
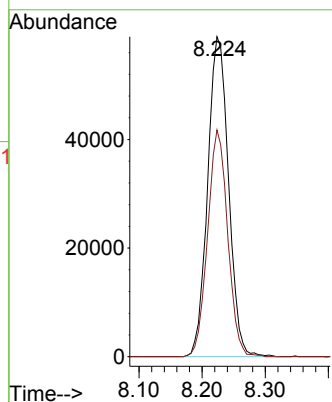
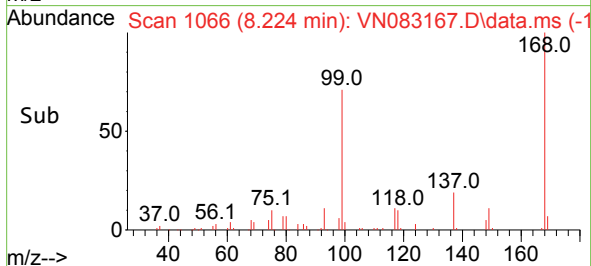


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :

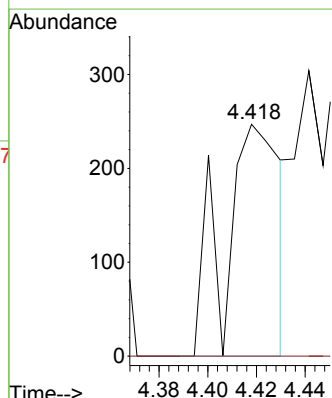
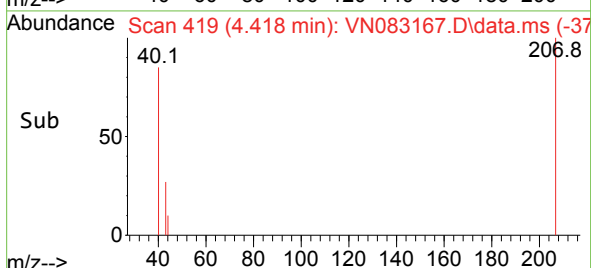
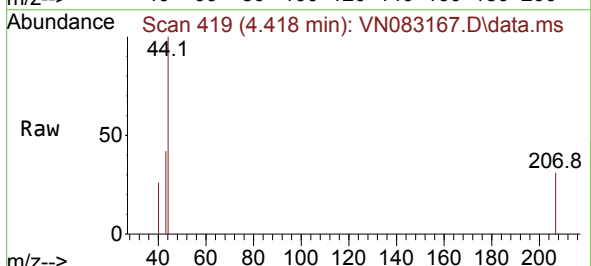


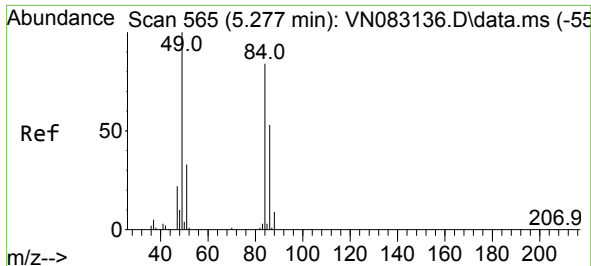
Tgt Ion:168 Resp: 135311
Ion Ratio Lower Upper
168 100
99 70.8 48.2 72.4



#16
Acetone
Concen: 0.516 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

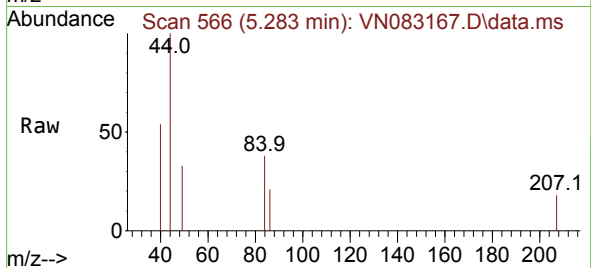
Tgt Ion: 43 Resp: 389
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



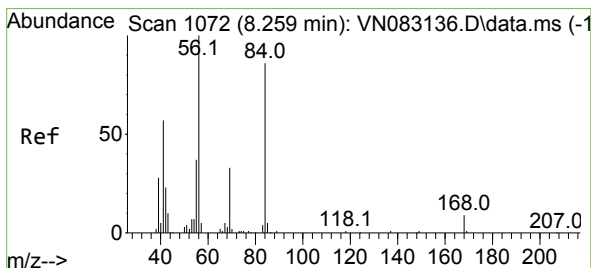
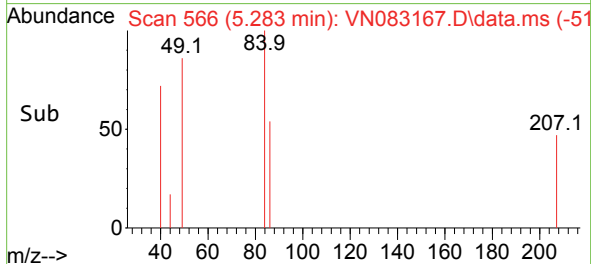
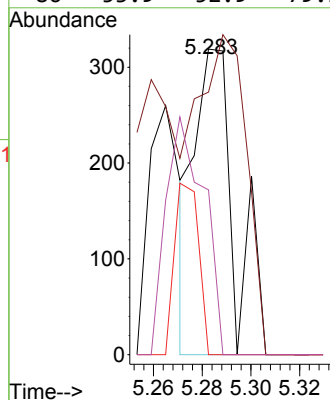


#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :

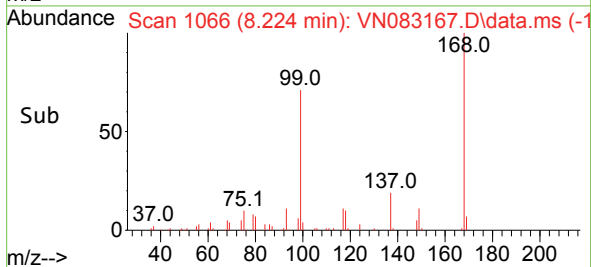
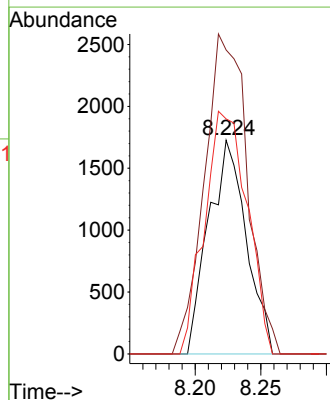
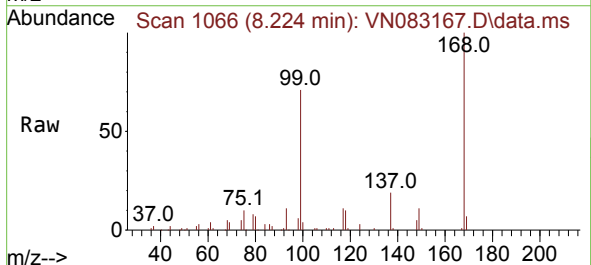


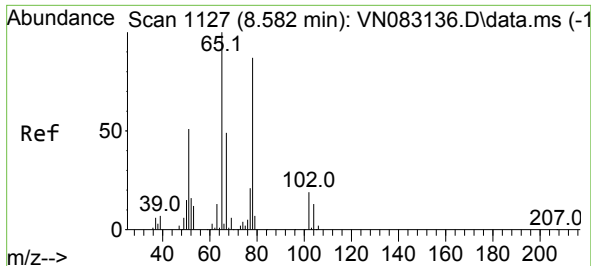
Tgt Ion:	84	Resp:	363
Ion	Ratio	Lower	Upper
84	100		
49	85.9	119.6	179.4#
51	0.0	34.8	52.2#
86	53.9	52.9	79.3



#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Tgt Ion:	56	Resp:	3446
Ion	Ratio	Lower	Upper
56	100		
69	142.2	24.5	36.7#
84	109.9	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 58.864 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.006 min

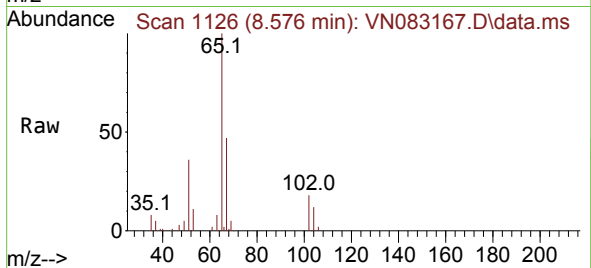
Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

Instrument :

MSVOA_N

ClientSampleId :

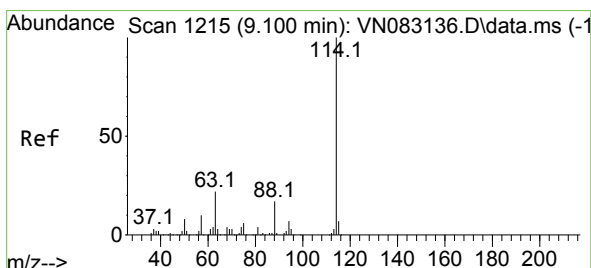
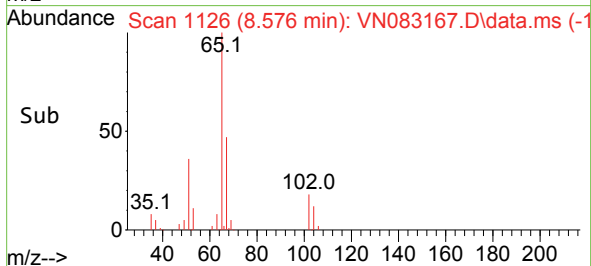
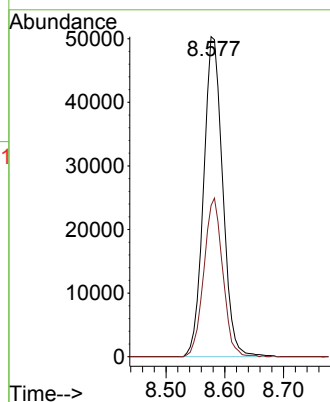


Tgt Ion: 65 Resp: 113372

Ion Ratio Lower Upper

65 100

67 49.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

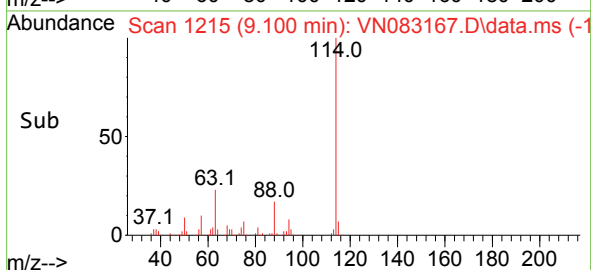
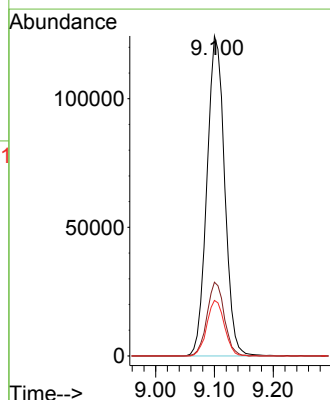
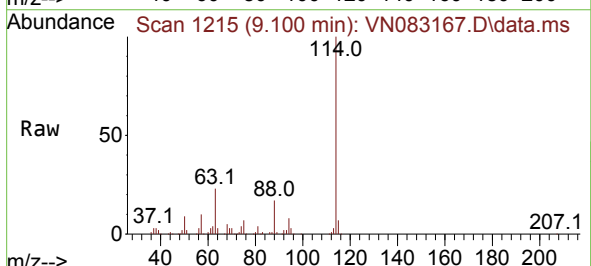
Tgt Ion: 114 Resp: 259760

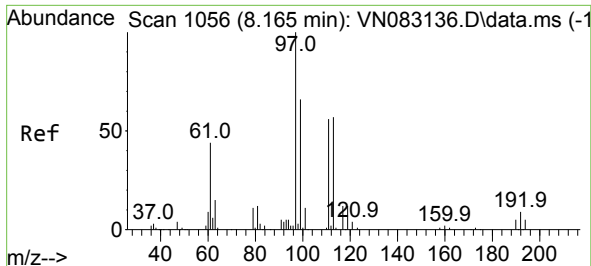
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

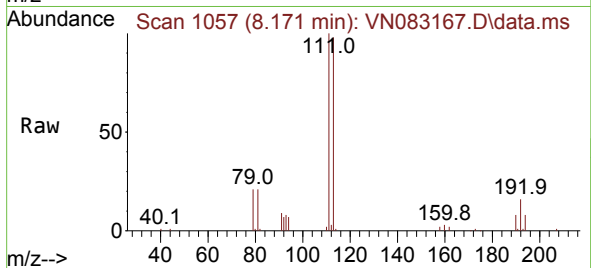
88 17.4 0.0 31.4



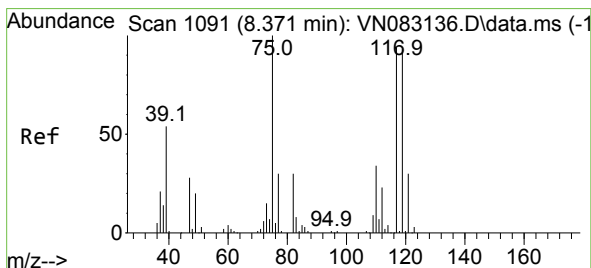
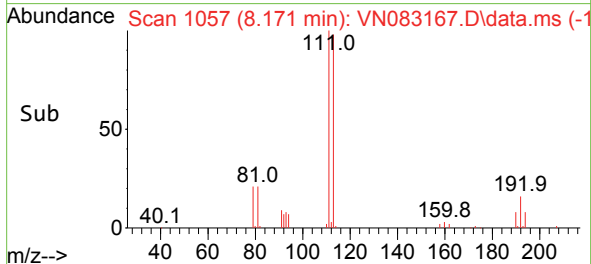
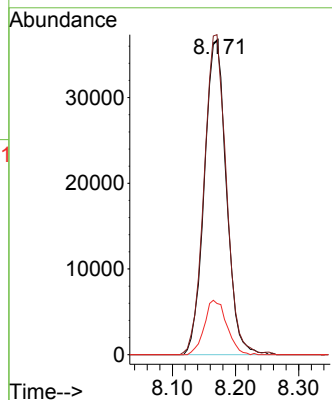


#35
Dibromofluoromethane
Concen: 54.804 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :

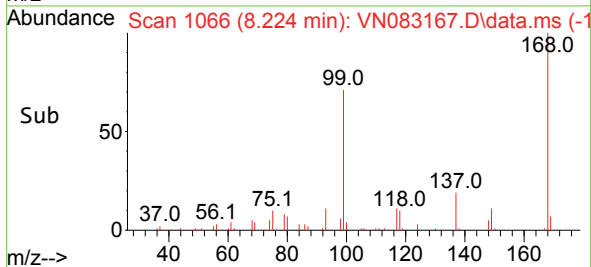
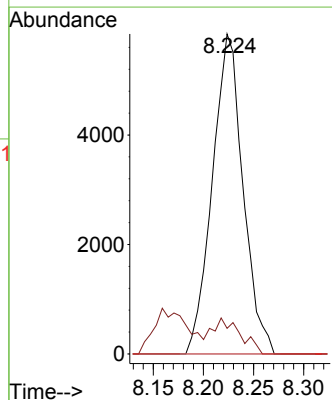
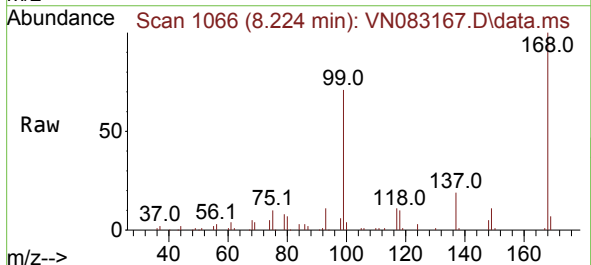


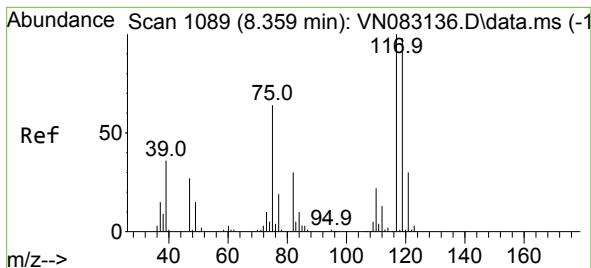
Tgt Ion:113 Resp: 88858
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 17.6 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Tgt Ion: 75 Resp: 12420
Ion Ratio Lower Upper
75 100
110 10.4 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.613 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

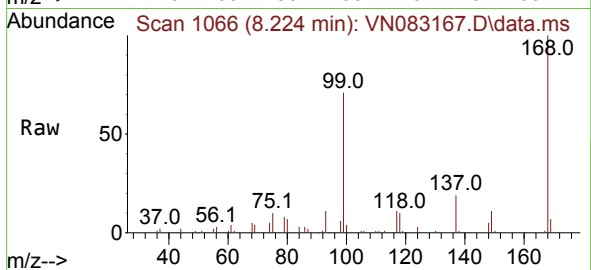
Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

Instrument :

MSVOA_N

ClientSampleId :



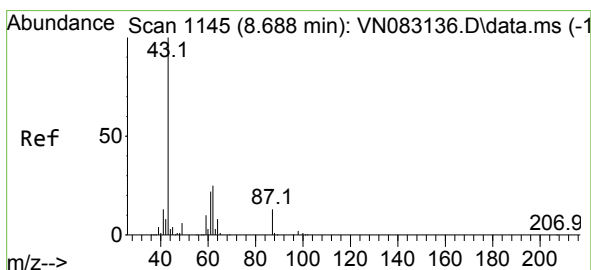
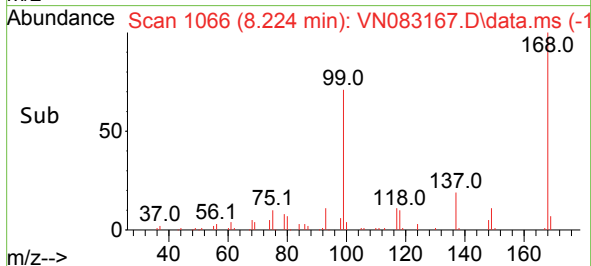
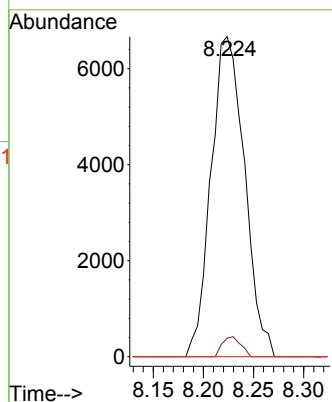
Tgt Ion:117 Resp: 15507

Ion Ratio Lower Upper

117 100

119 5.8 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

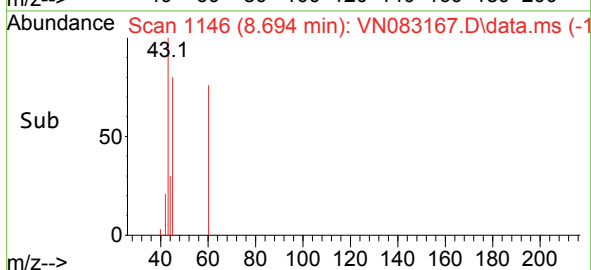
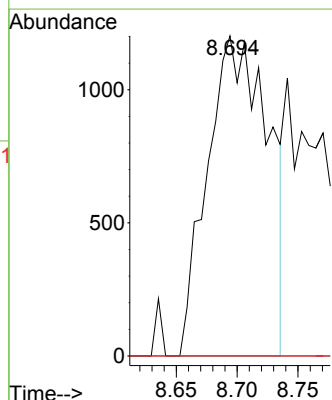
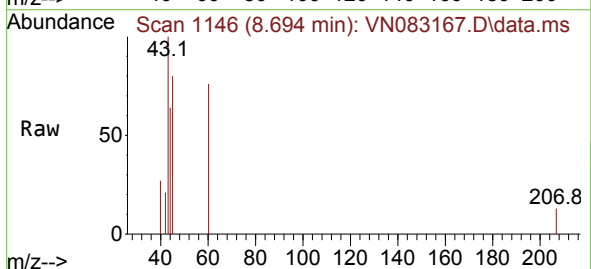
Tgt Ion: 43 Resp: 4159

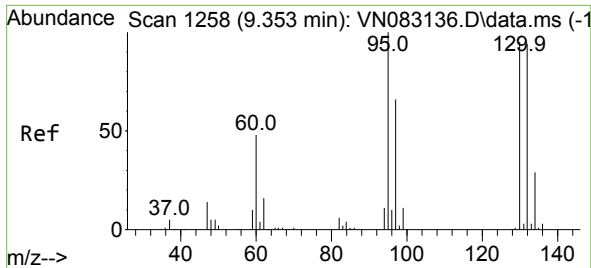
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

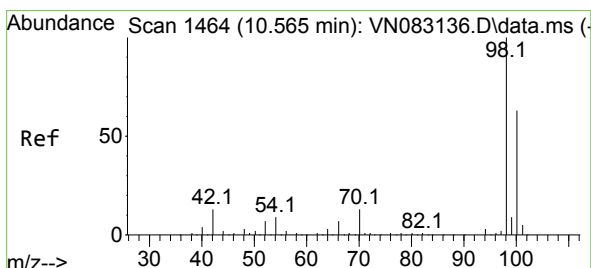
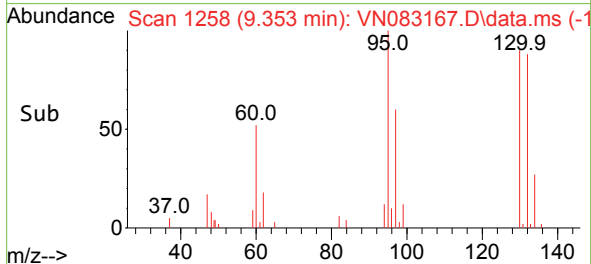
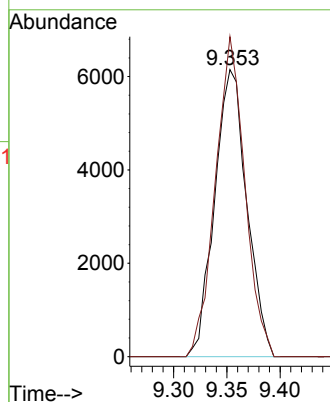
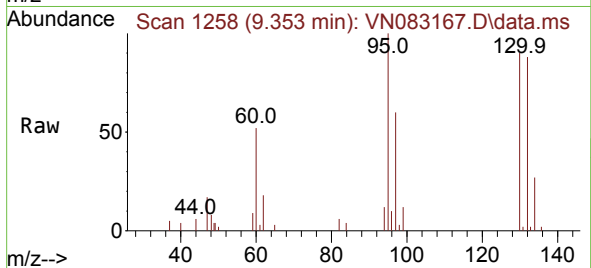




#44
Trichloroethene
Concen: 7.435 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

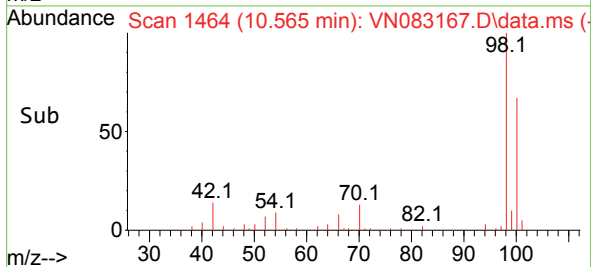
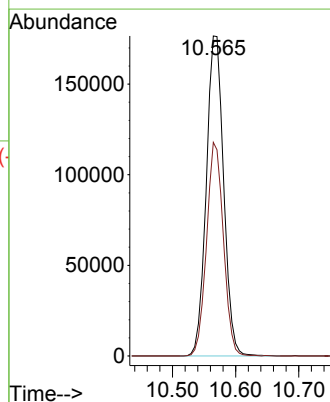
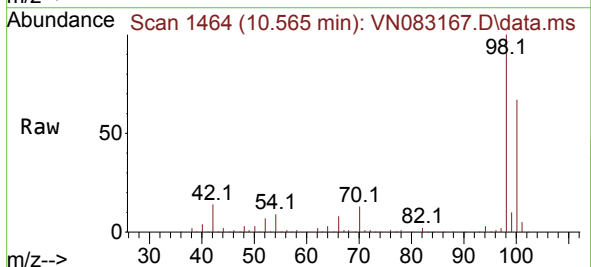
Instrument :
MSVOA_N
ClientSampleId :

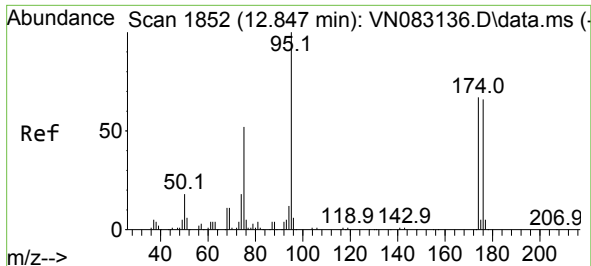
Tgt Ion:130 Resp: 12930
Ion Ratio Lower Upper
130 100
95 111.5 0.0 197.8



#50
Toluene-d8
Concen: 55.731 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Tgt Ion: 98 Resp: 337064
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

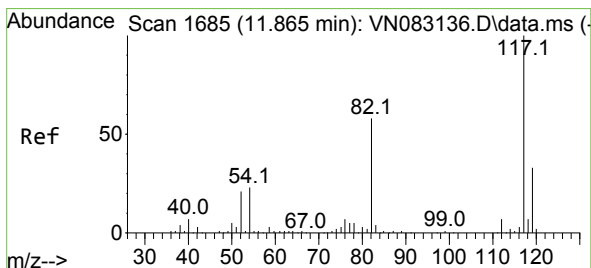
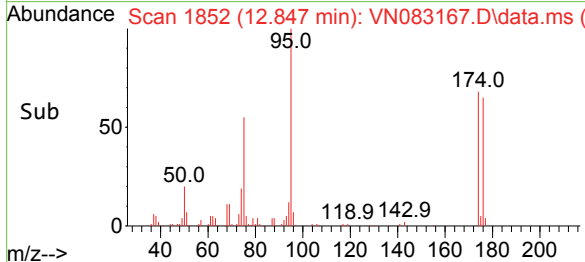
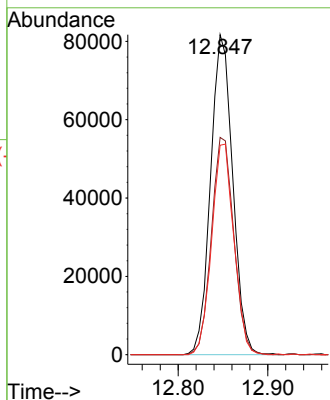
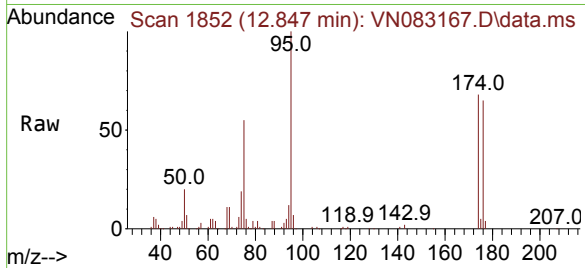




#62
4-Bromofluorobenzene
Concen: 59.328 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

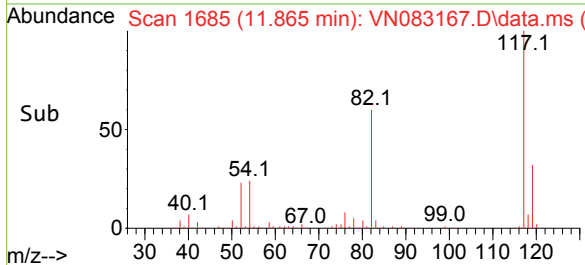
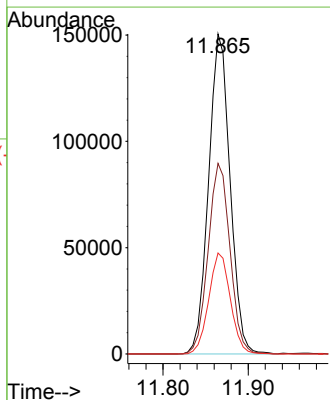
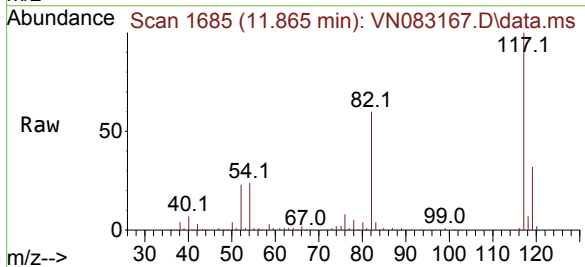
Instrument :
MSVOA_N
ClientSampleId :

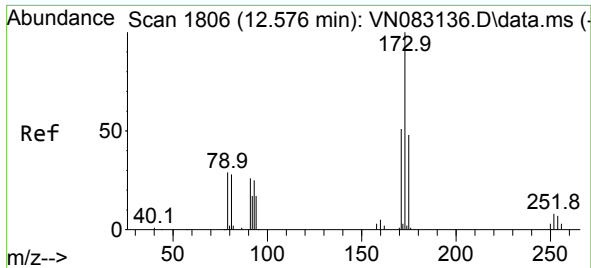
Tgt Ion: 95 Resp: 139888
Ion Ratio Lower Upper
95 100
174 68.7 0.0 159.2
176 66.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

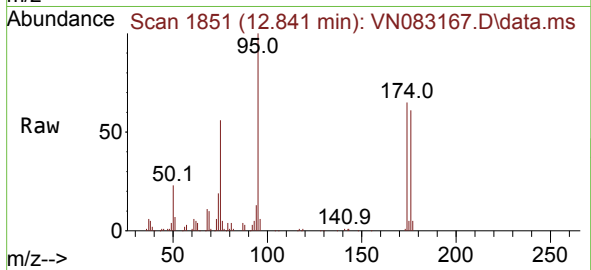
Tgt Ion: 117 Resp: 263447
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 31.6 25.6 38.4



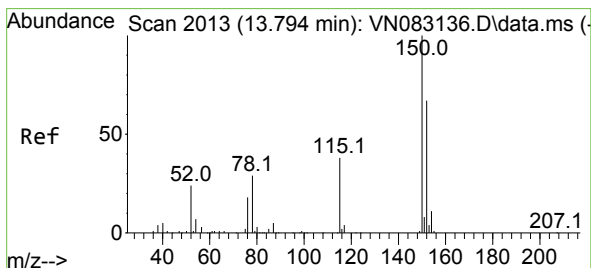
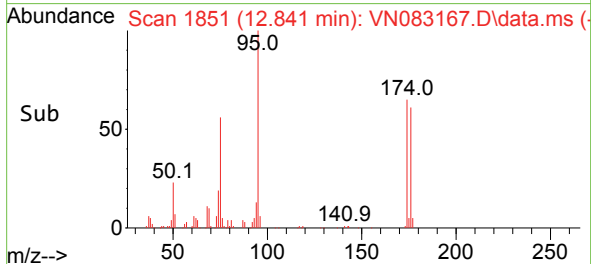
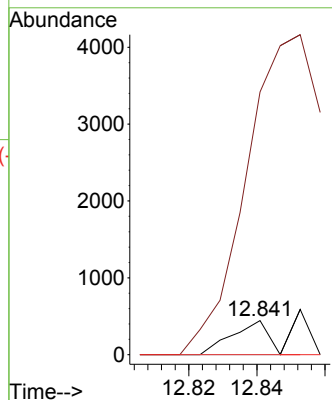


#71
Bromoform
Concen: 0.210 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Instrument :
MSVOA_N
ClientSampleId :

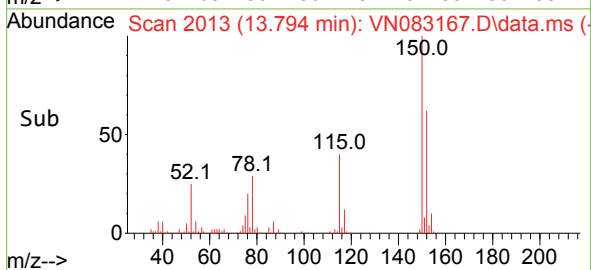
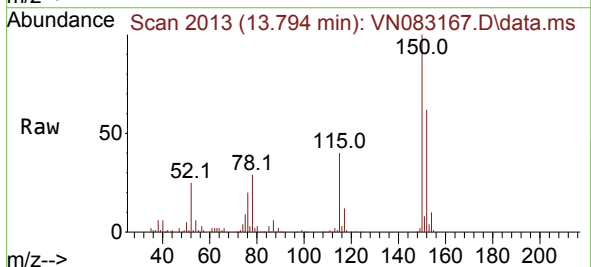
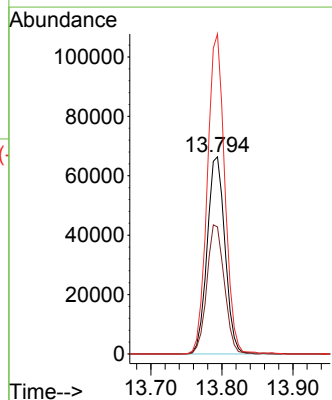


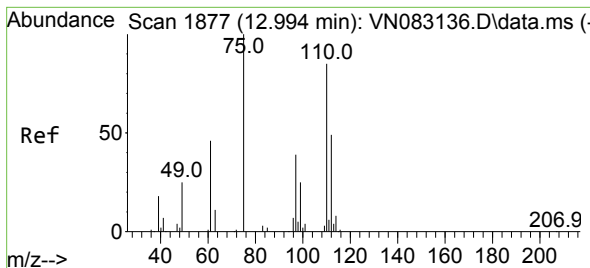
Tgt Ion:173 Resp: 326
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083167.D
Acq: 08 Aug 2024 19:47

Tgt Ion:152 Resp: 116020
Ion Ratio Lower Upper
152 100
115 64.3 30.6 91.6
150 158.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 30.238 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

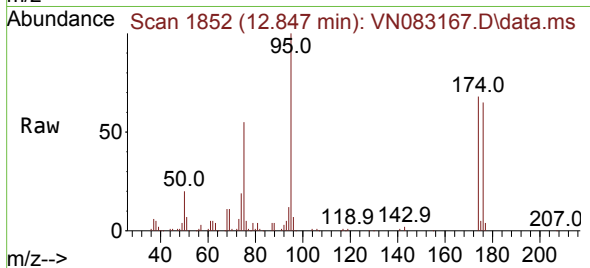
Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

Instrument :

MSVOA_N

ClientSampleId :

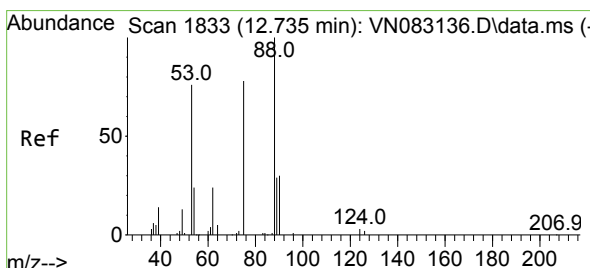
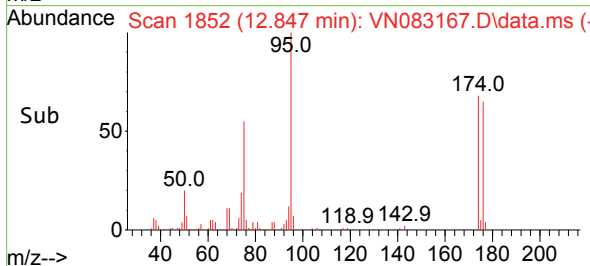
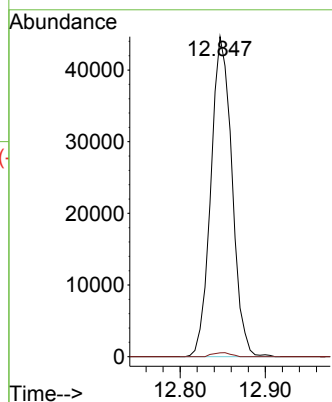


Tgt Ion: 75 Resp: 76996

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.774 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083167.D

Acq: 08 Aug 2024 19:47

Tgt Ion: 75 Resp: 76996

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

