

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083247.D
 Acq On : 13 Aug 2024 10:52
 Operator : JC\MD
 Sample : VN0813MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 01:38:41 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	145826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115732	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	8.165	113	90937	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	10.565	98	344807	53.082	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.847	95	144293	56.978	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	113.960%

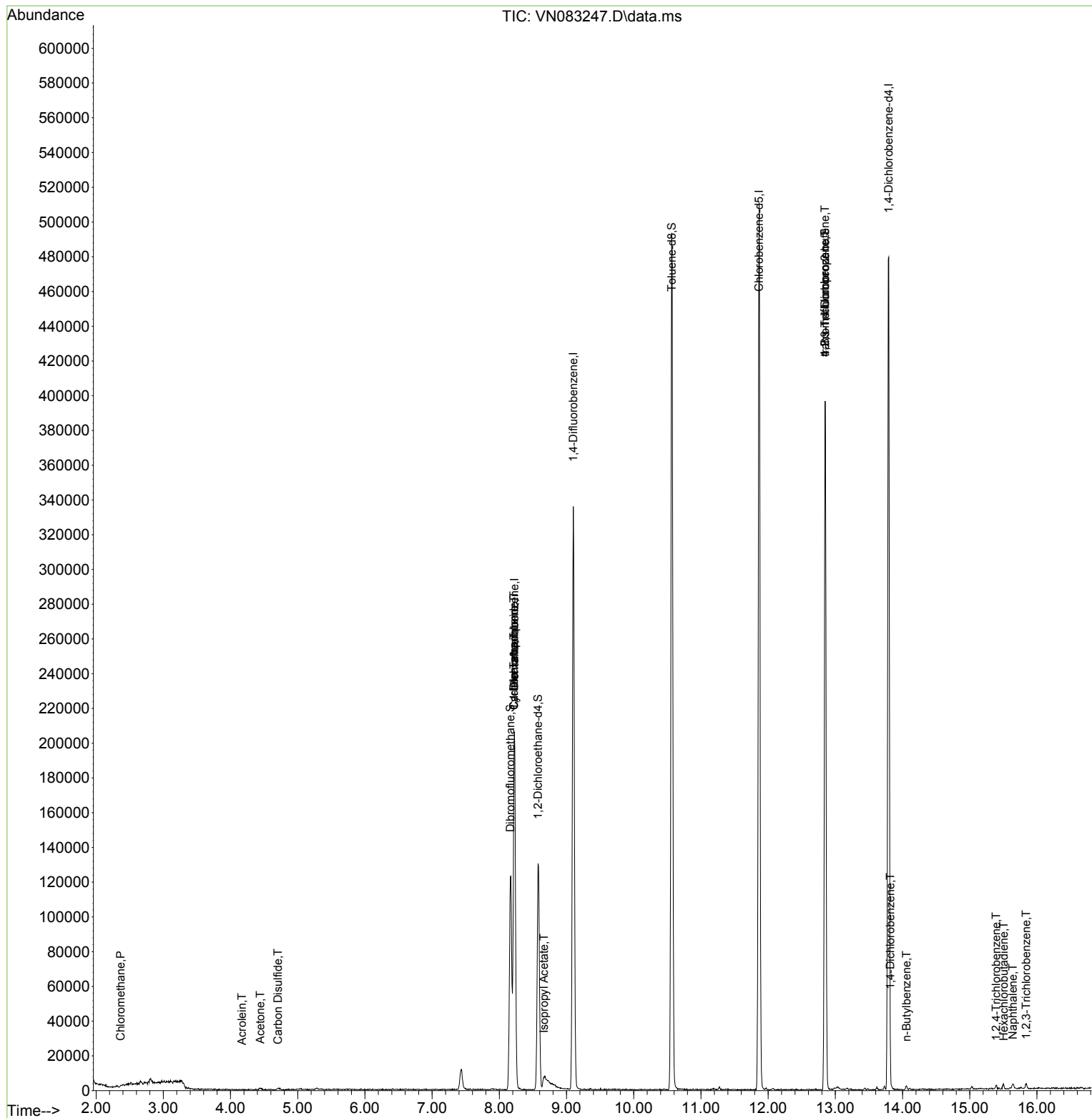
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	392	0.232	ug/l #	43
13) Acrolein	4.171	56	110	0.391	ug/l	84
16) Acetone	4.442	43	1657	2.040	ug/l #	85
17) Carbon Disulfide	4.706	76	2169	0.459	ug/l #	75
31) Cyclohexane	8.218	56	3777	1.228	ug/l #	29
36) 1,1-Dichloropropene	8.218	75	12762	4.845	ug/l #	51
38) Carbon Tetrachloride	8.218	117	16085	5.421	ug/l #	18
43) Isopropyl Acetate	8.665	43	10094	0.375	ug/l #	60
76) 1,2,3-Trichloropropane	12.847	75	78435	28.037	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78435	60.987	ug/l #	6
88) 1,4-Dichlorobenzene	13.818	146	1019	0.227	ug/l #	74
89) n-Butylbenzene	14.059	91	1722	0.223	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	866	0.358	ug/l	68
94) Hexachlorobutadiene	15.506	225	713	0.664	ug/l	79
95) Naphthalene	15.641	128	4313	0.504	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.841	180	1138	0.476	ug/l #	87

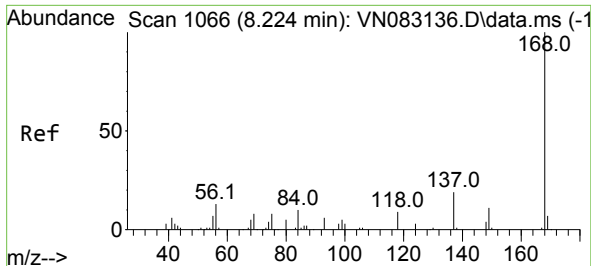
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

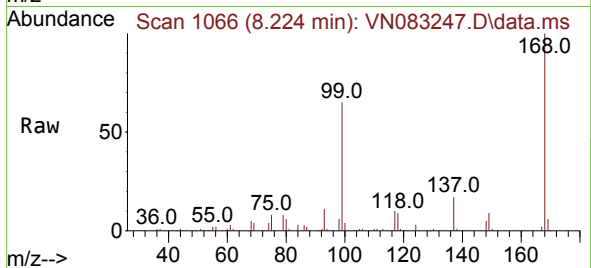
Quant Time: Aug 14 01:38:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



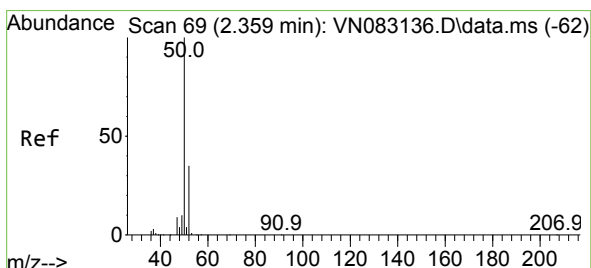
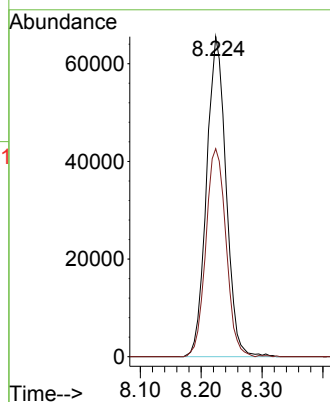
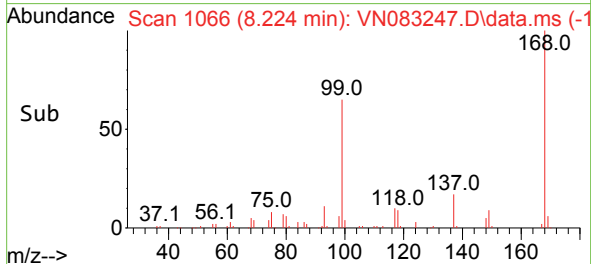


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

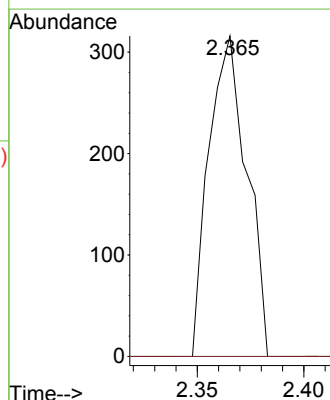
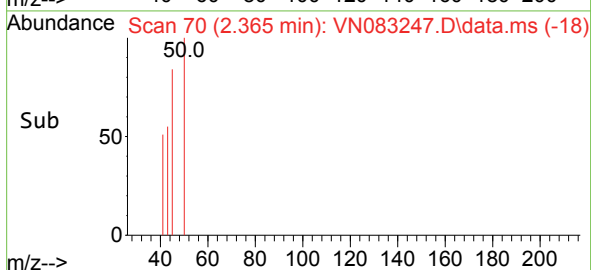
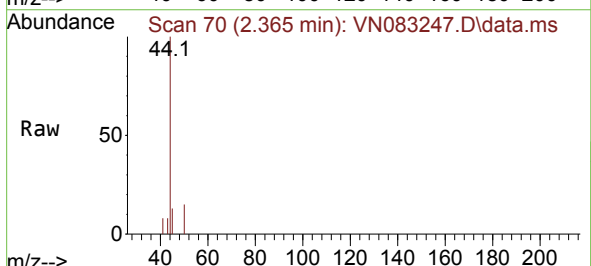


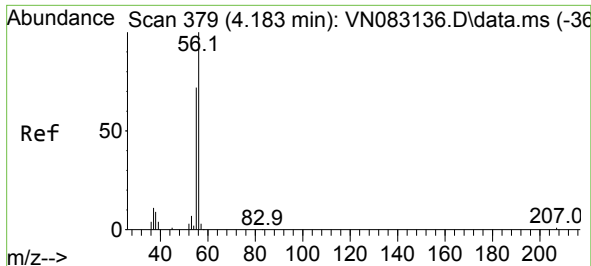
Tgt Ion:168 Resp: 145826
Ion Ratio Lower Upper
168 100
99 65.0 48.2 72.4



#3
Chloromethane
Concen: 0.232 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

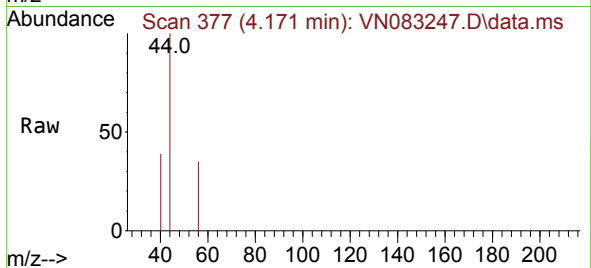
Tgt Ion: 50 Resp: 392
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



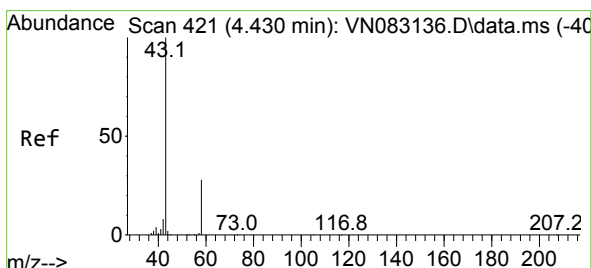
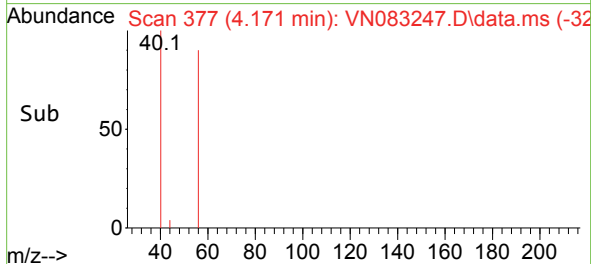
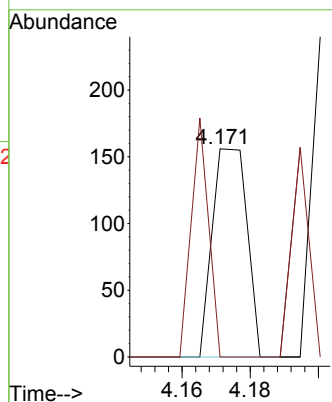


#13
Acrolein
Concen: 0.391 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

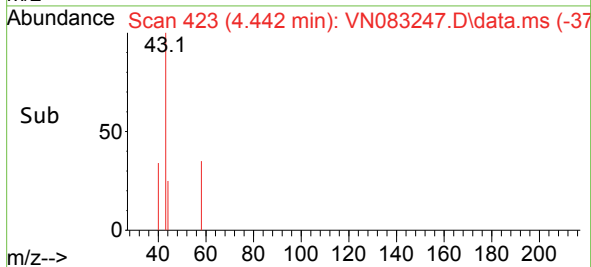
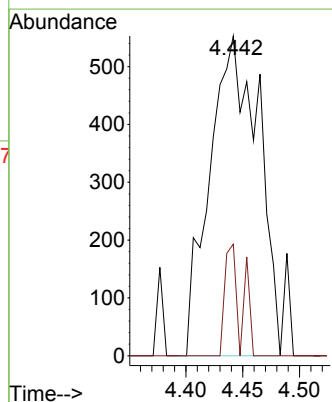
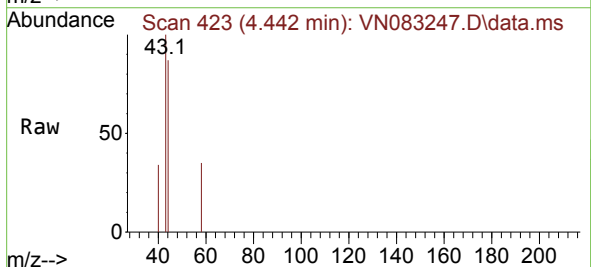


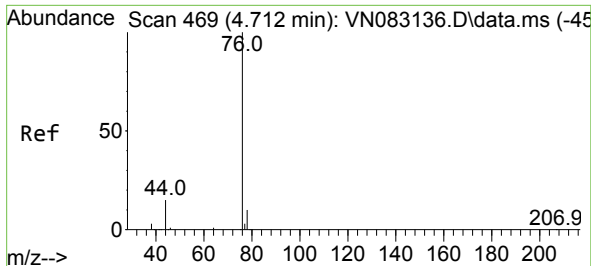
Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 57.3 56.4 84.6



#16
Acetone
Concen: 2.040 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

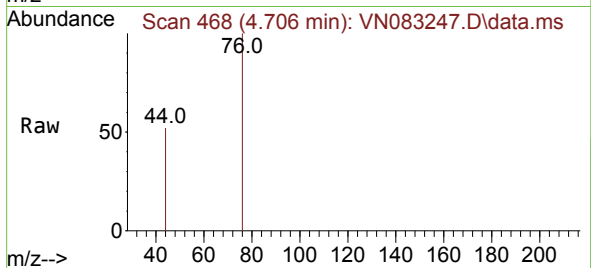
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 34.9 21.8 32.6#



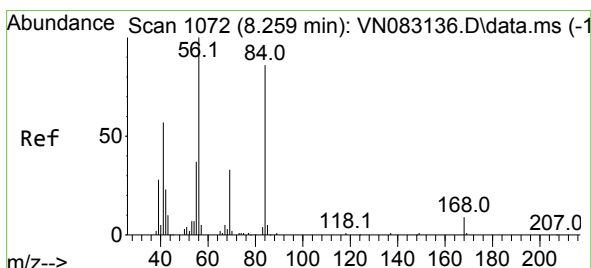
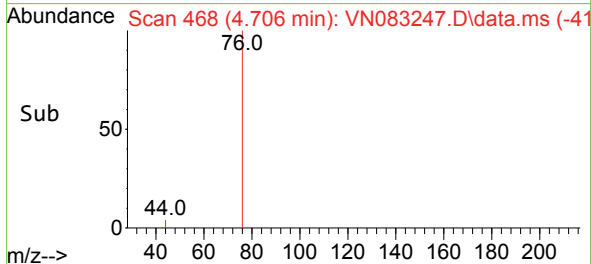
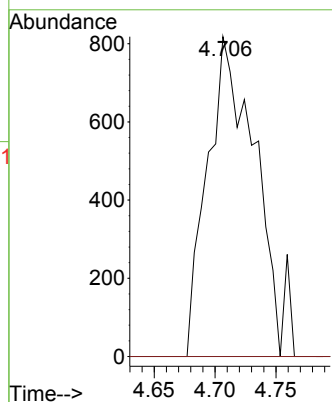


#17
Carbon Disulfide
Concen: 0.459 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

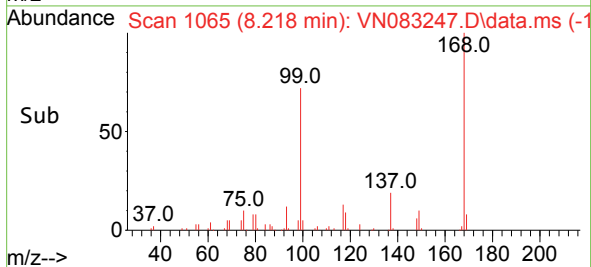
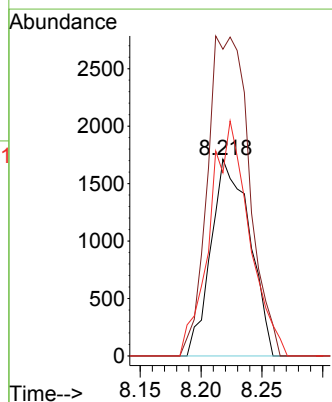
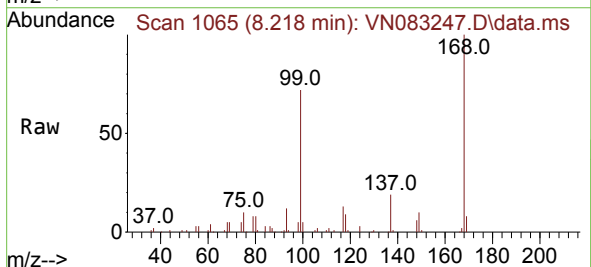


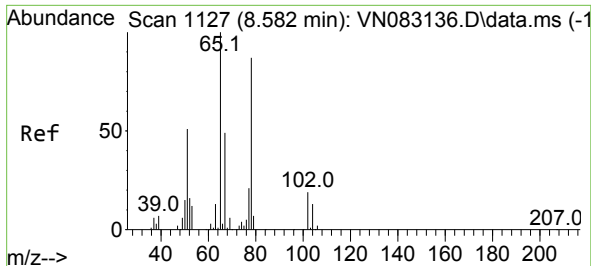
Tgt Ion: 76 Resp: 2169
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Tgt Ion: 56 Resp: 3777
Ion Ratio Lower Upper
56 100
69 156.0 24.5 36.7#
84 93.2 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 55.756 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Instrument :

MSVOA_N

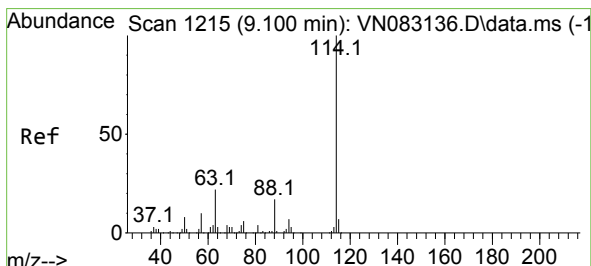
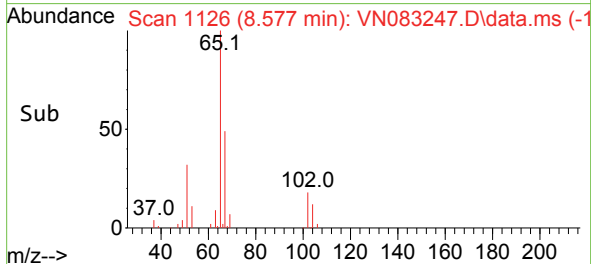
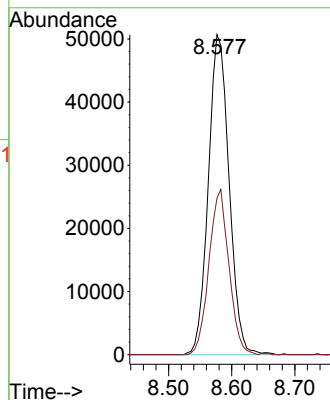
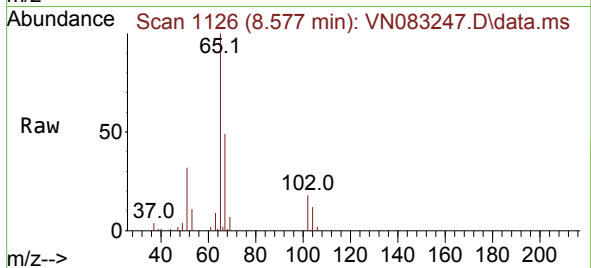
ClientSampleId :

Tgt Ion: 65 Resp: 115732

Ion Ratio Lower Upper

65 100

67 49.7 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: VN083247.D

Acq: 13 Aug 2024 10:52

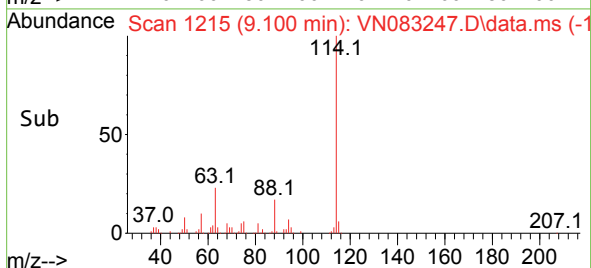
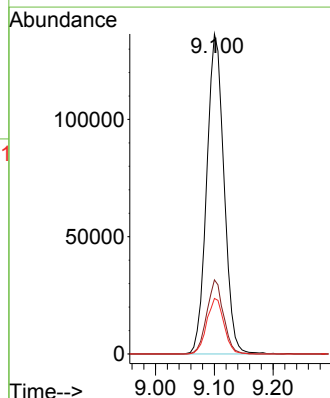
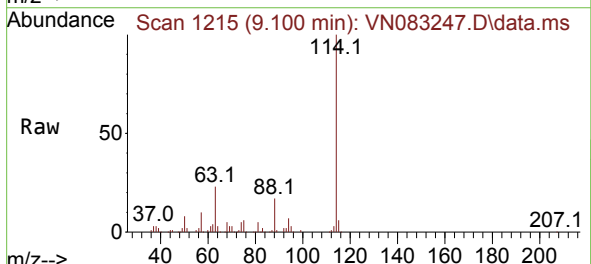
Tgt Ion: 114 Resp: 278987

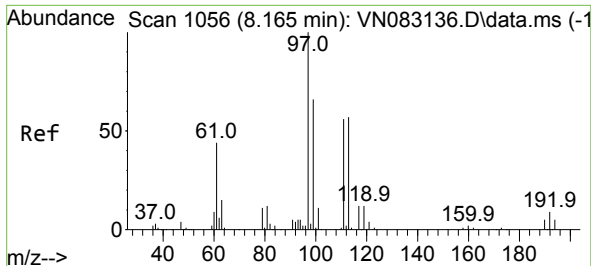
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

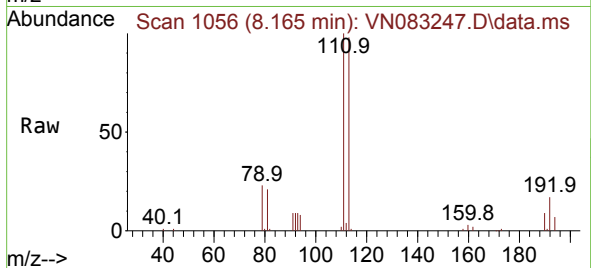
88 17.4 0.0 31.4



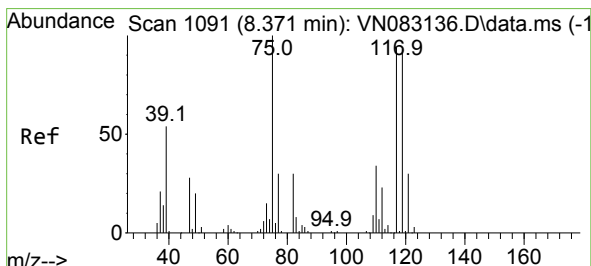
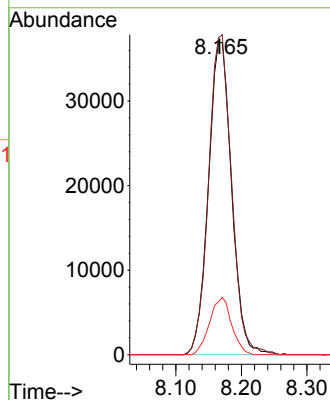
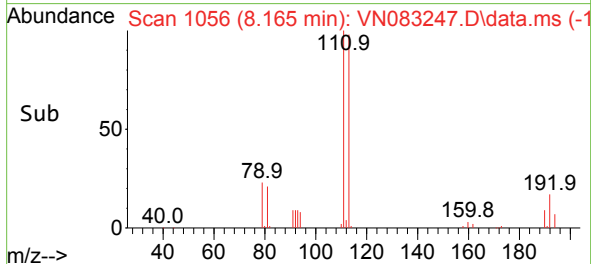


#35
Dibromofluoromethane
Concen: 52.221 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :

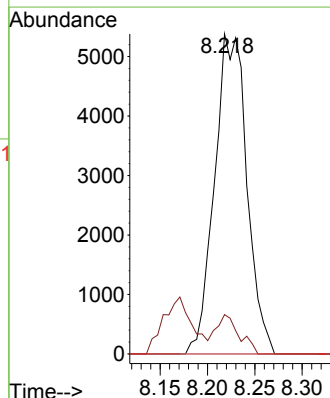
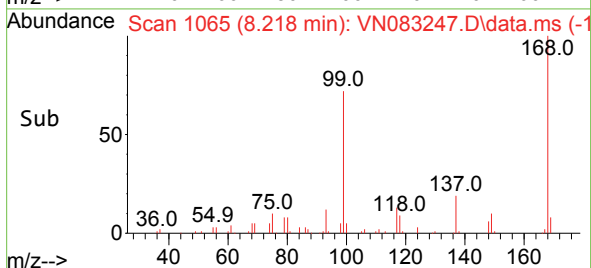
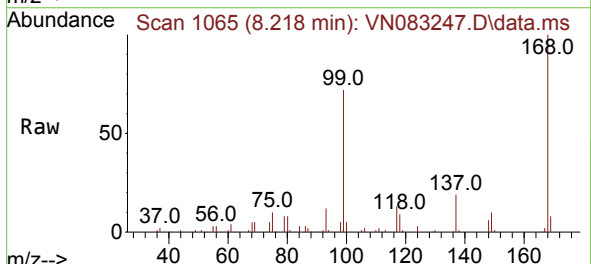


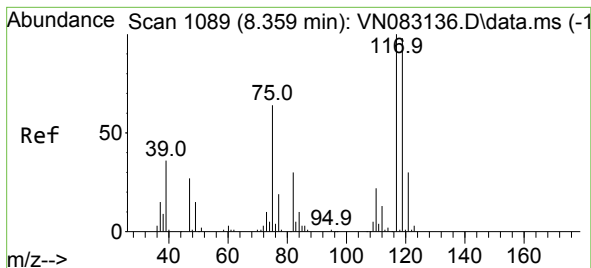
Tgt Ion:113 Resp: 90937
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 17.4 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

Tgt Ion: 75 Resp: 12762
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.421 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

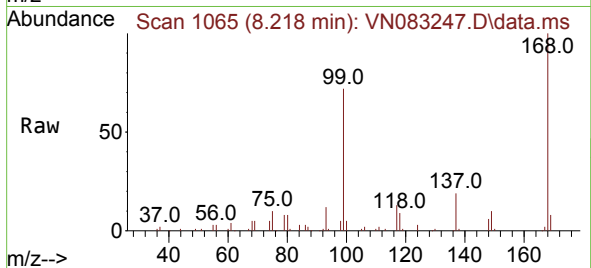
Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

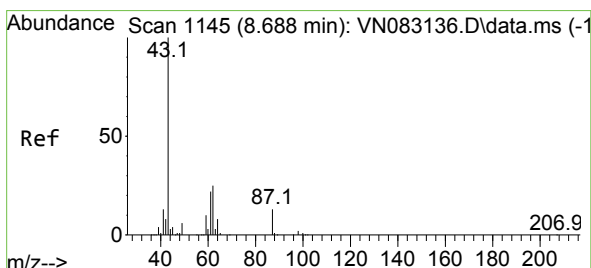
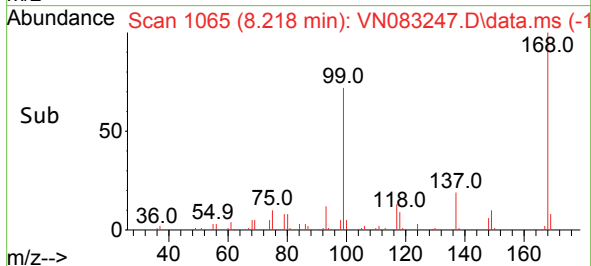
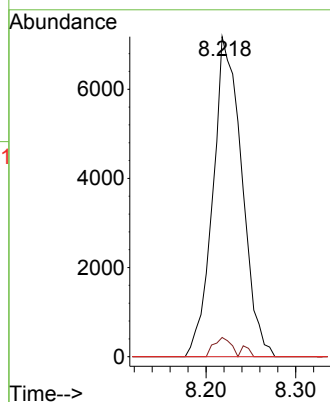
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	117	Resp:	16085
Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.9	112.3#
121	0.0	24.3	36.5#



#43

Isopropyl Acetate

Concen: 0.375 ug/l

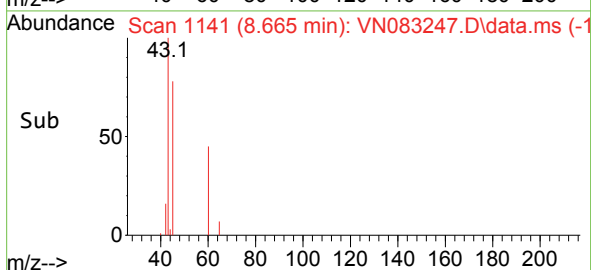
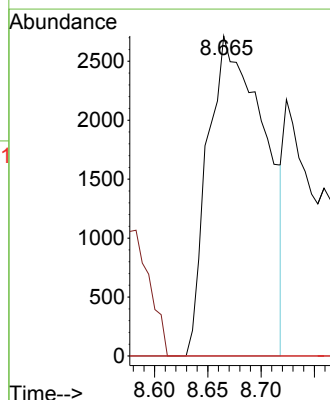
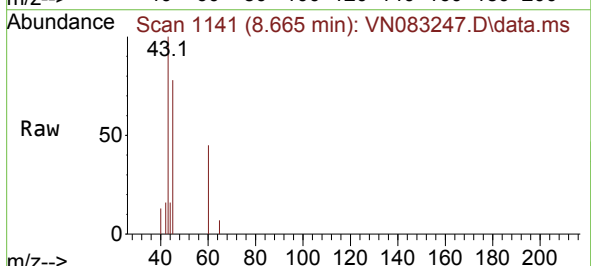
RT: 8.665 min Scan# 1141

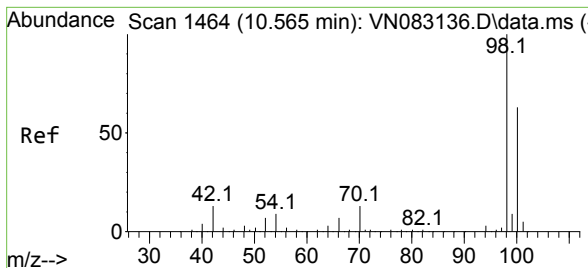
Delta R.T. -0.023 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Tgt Ion:	43	Resp:	10094
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#

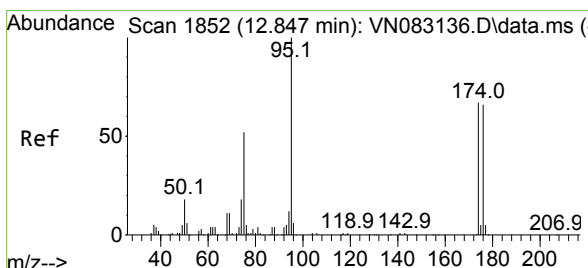
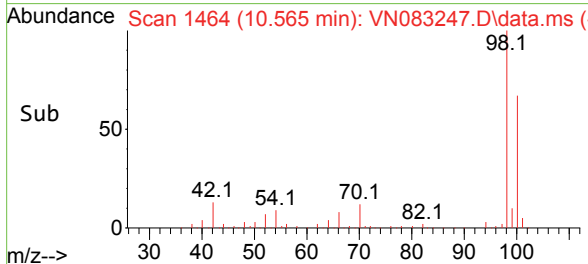
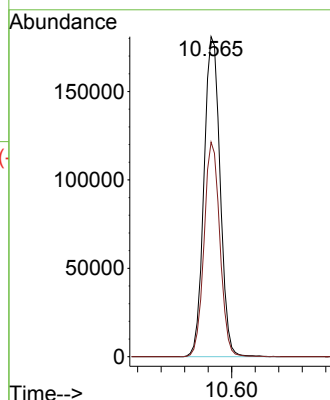
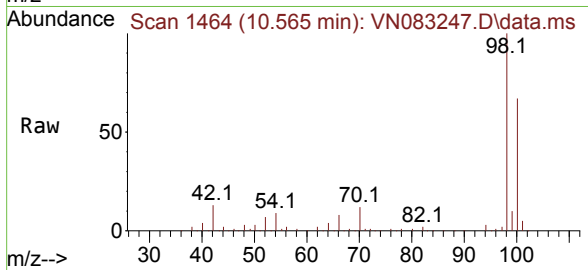




#50
Toluene-d8
Concen: 53.082 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

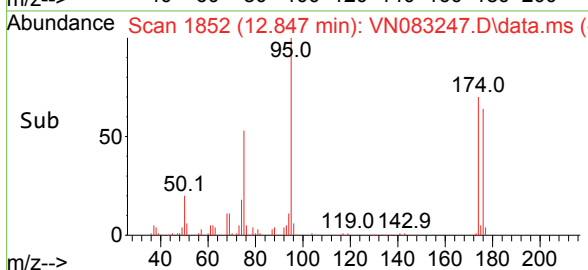
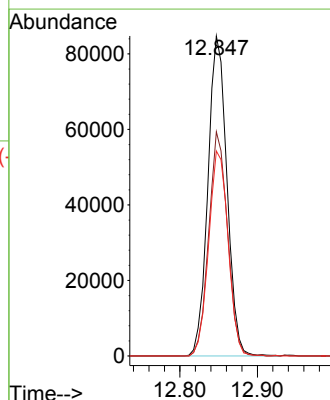
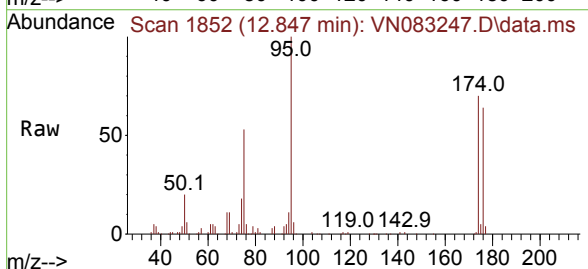
Instrument :
MSVOA_N
ClientSampleId :

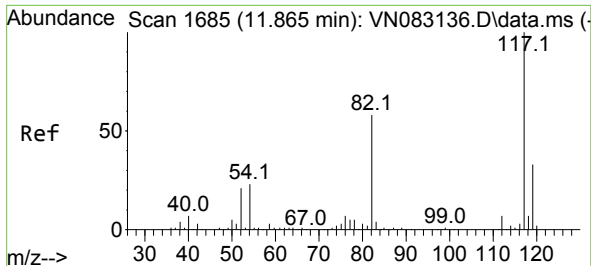
Tgt Ion: 98 Resp: 344807
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.978 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

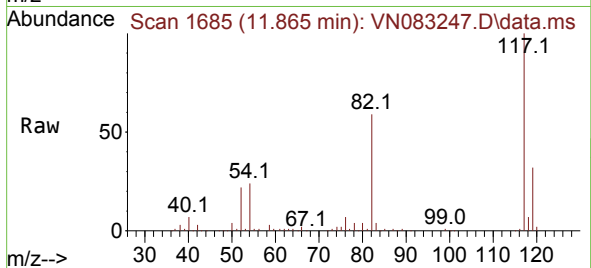
Tgt Ion: 95 Resp: 144293
Ion Ratio Lower Upper
95 100
174 69.3 0.0 159.2
176 65.5 0.0 147.6



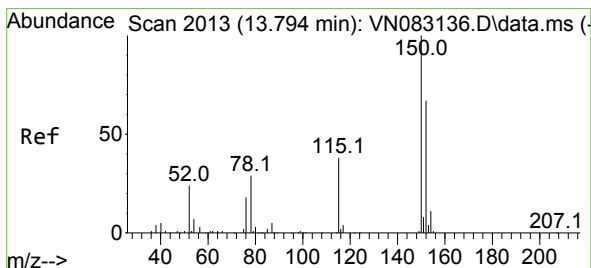
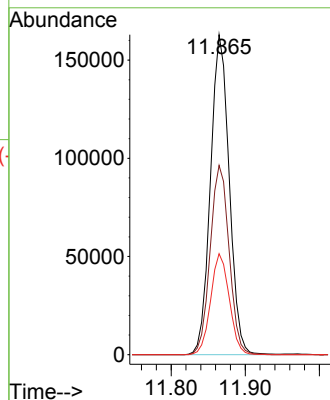
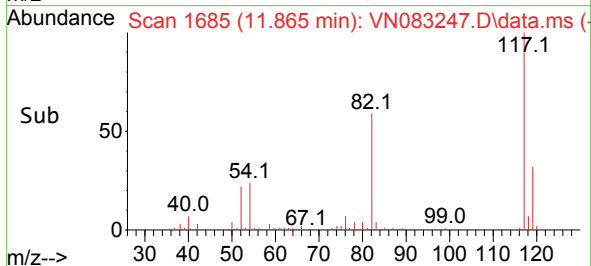


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52

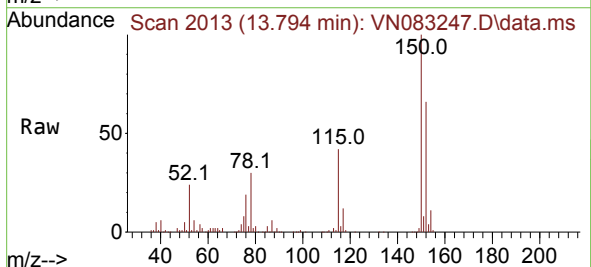
Instrument :
MSVOA_N
ClientSampleId :



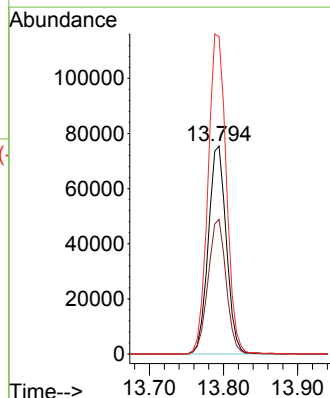
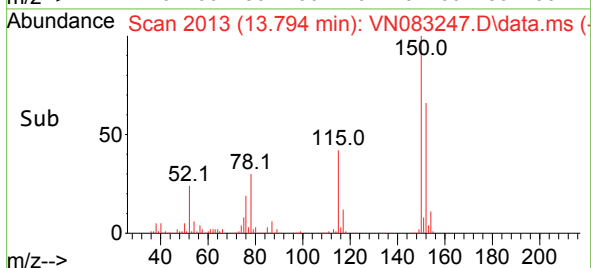
Tgt Ion:117 Resp: 286154
Ion Ratio Lower Upper
117 100
82 59.2 47.5 71.3
119 31.5 25.6 38.4

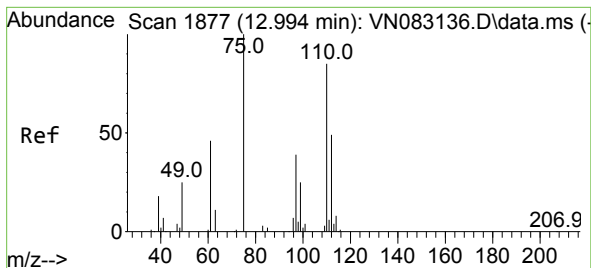


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083247.D
Acq: 13 Aug 2024 10:52



Tgt Ion:152 Resp: 127467
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 156.2 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.037 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

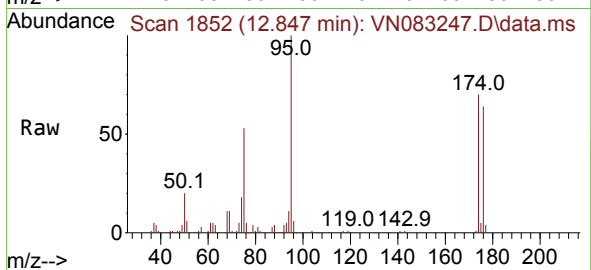
Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

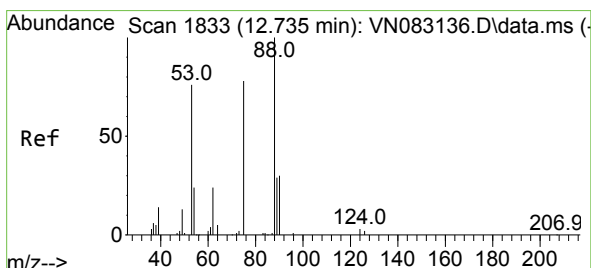
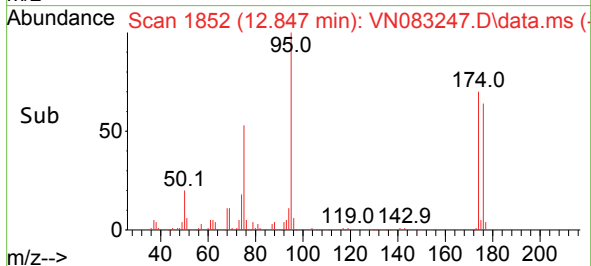
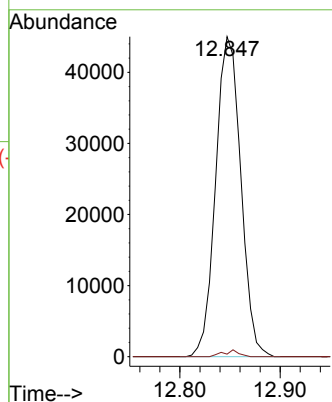


Tgt Ion: 75 Resp: 78435

Ion Ratio Lower Upper

75 100

77 1.3 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.987 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

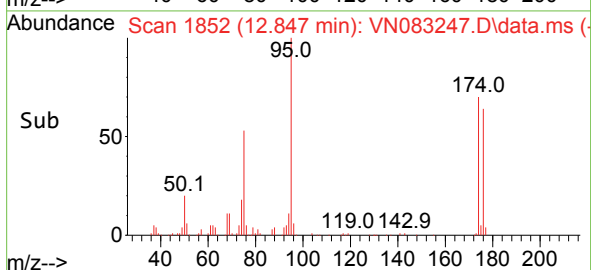
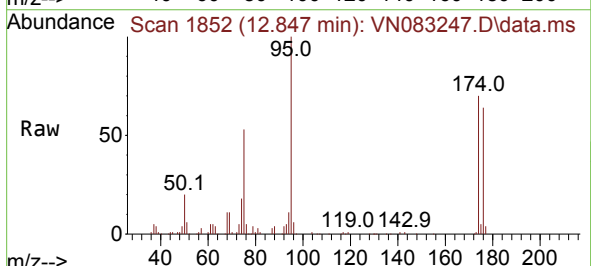
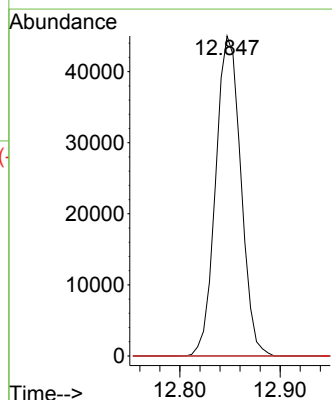
Tgt Ion: 75 Resp: 78435

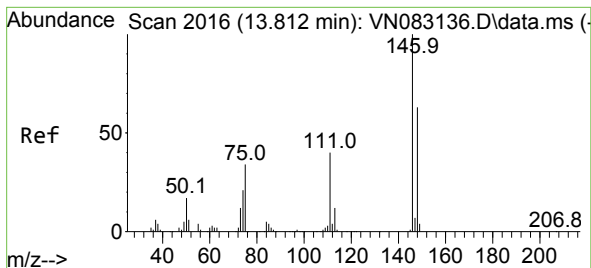
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#88

1,4-Dichlorobenzene

Concen: 0.227 ug/l

RT: 13.818 min Scan# 2016

Delta R.T. 0.006 min

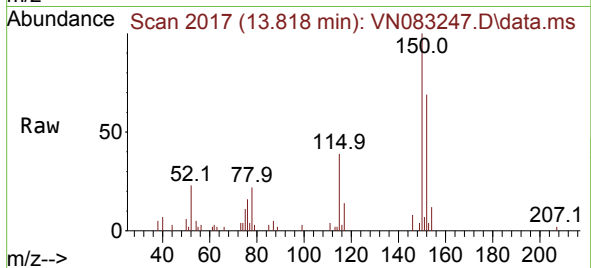
Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :



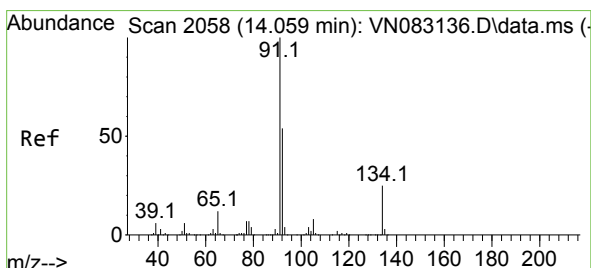
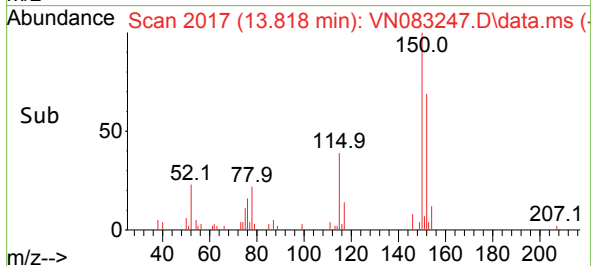
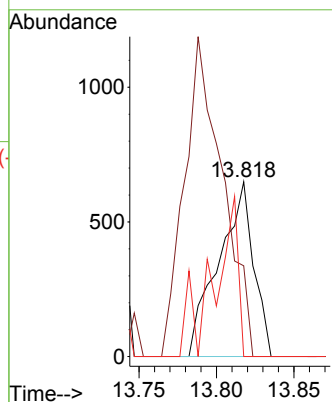
Tgt Ion:146 Resp: 1019

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.3#

148 63.5 32.2 96.6



#89

n-Butylbenzene

Concen: 0.223 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

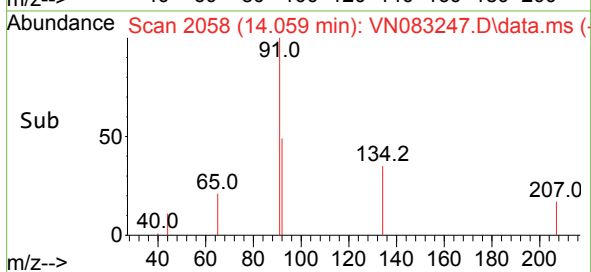
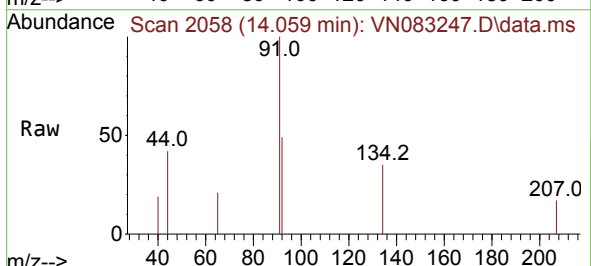
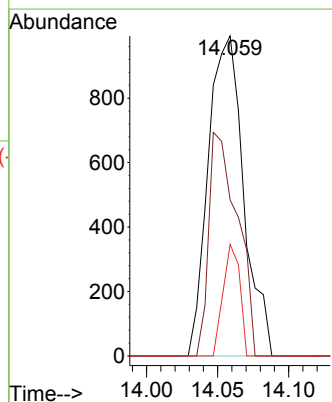
Tgt Ion: 91 Resp: 1722

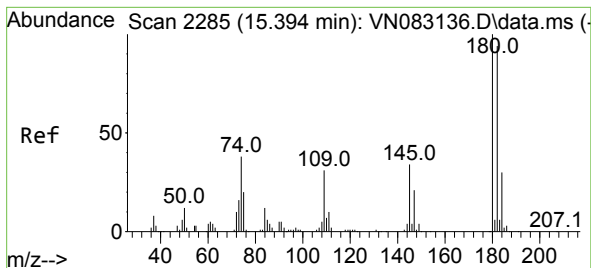
Ion Ratio Lower Upper

91 100

92 56.6 26.1 78.3

134 16.4 12.1 36.3





#93

1,2,4-Trichlorobenzene

Concen: 0.358 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

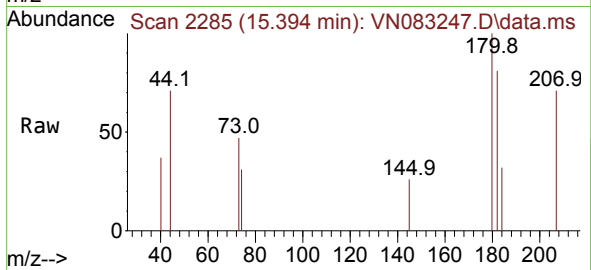
Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :



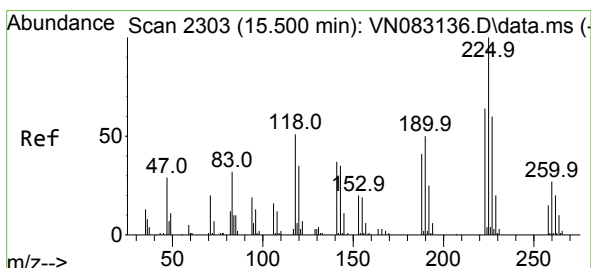
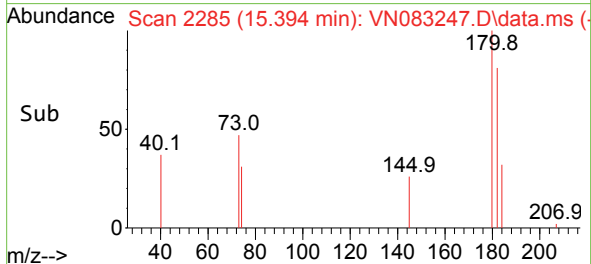
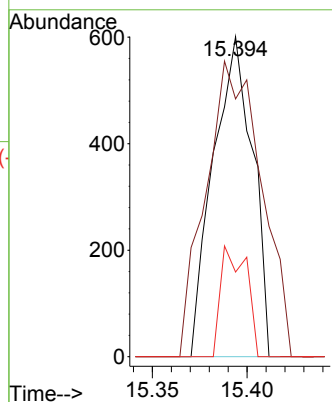
Tgt Ion:180 Resp: 866

Ion Ratio Lower Upper

180 100

182 130.4 47.3 141.8

145 22.6 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.664 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

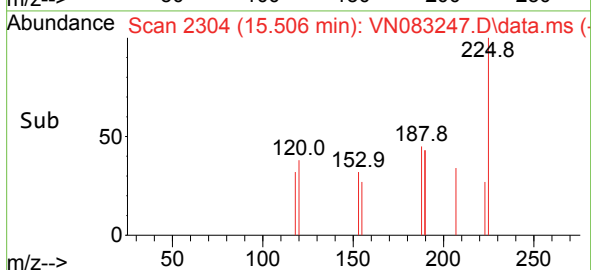
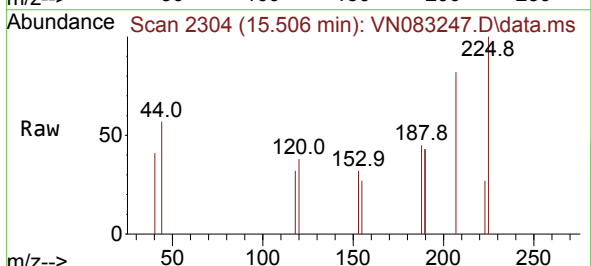
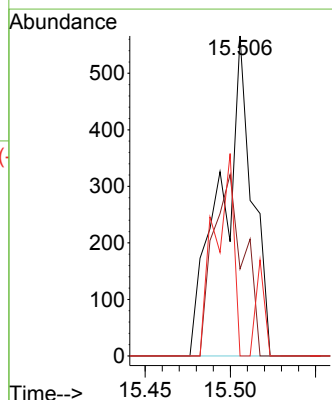
Tgt Ion:225 Resp: 713

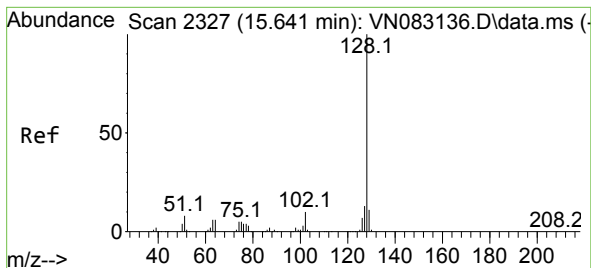
Ion Ratio Lower Upper

225 100

223 56.4 31.9 95.7

227 39.0 32.5 97.5





#95

Naphthalene

Concen: 0.504 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

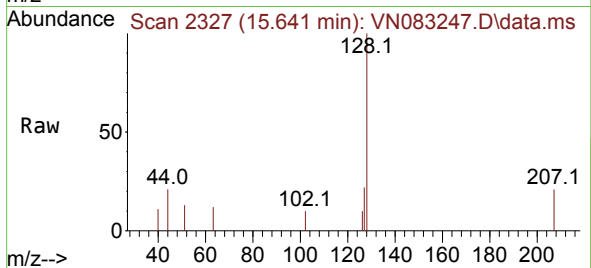
Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :



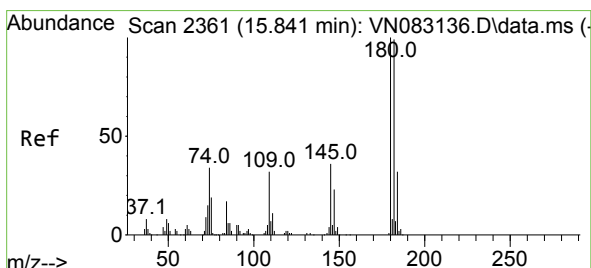
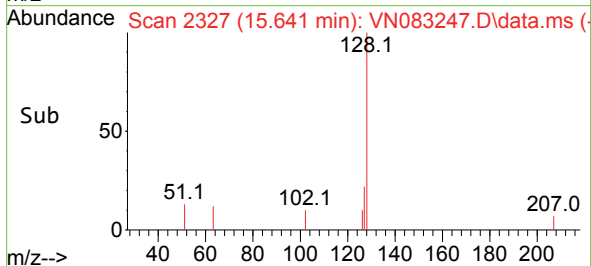
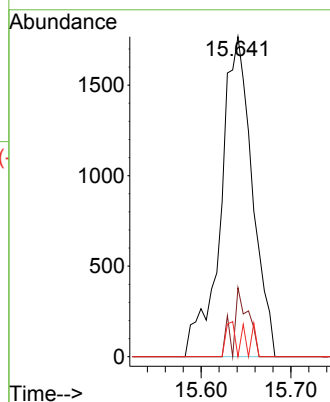
Tgt Ion:128 Resp: 4313

Ion Ratio Lower Upper

128 100

127 10.3 10.6 16.0#

129 3.1 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.476 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083247.D

Acq: 13 Aug 2024 10:52

Tgt Ion:180 Resp: 1138

Ion Ratio Lower Upper

180 100

182 104.3 48.9 146.8

145 16.1 16.8 50.4#

