

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081924\
 Data File : VN083372.D
 Acq On : 19 Aug 2024 15:03
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 20 04:46:03 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)

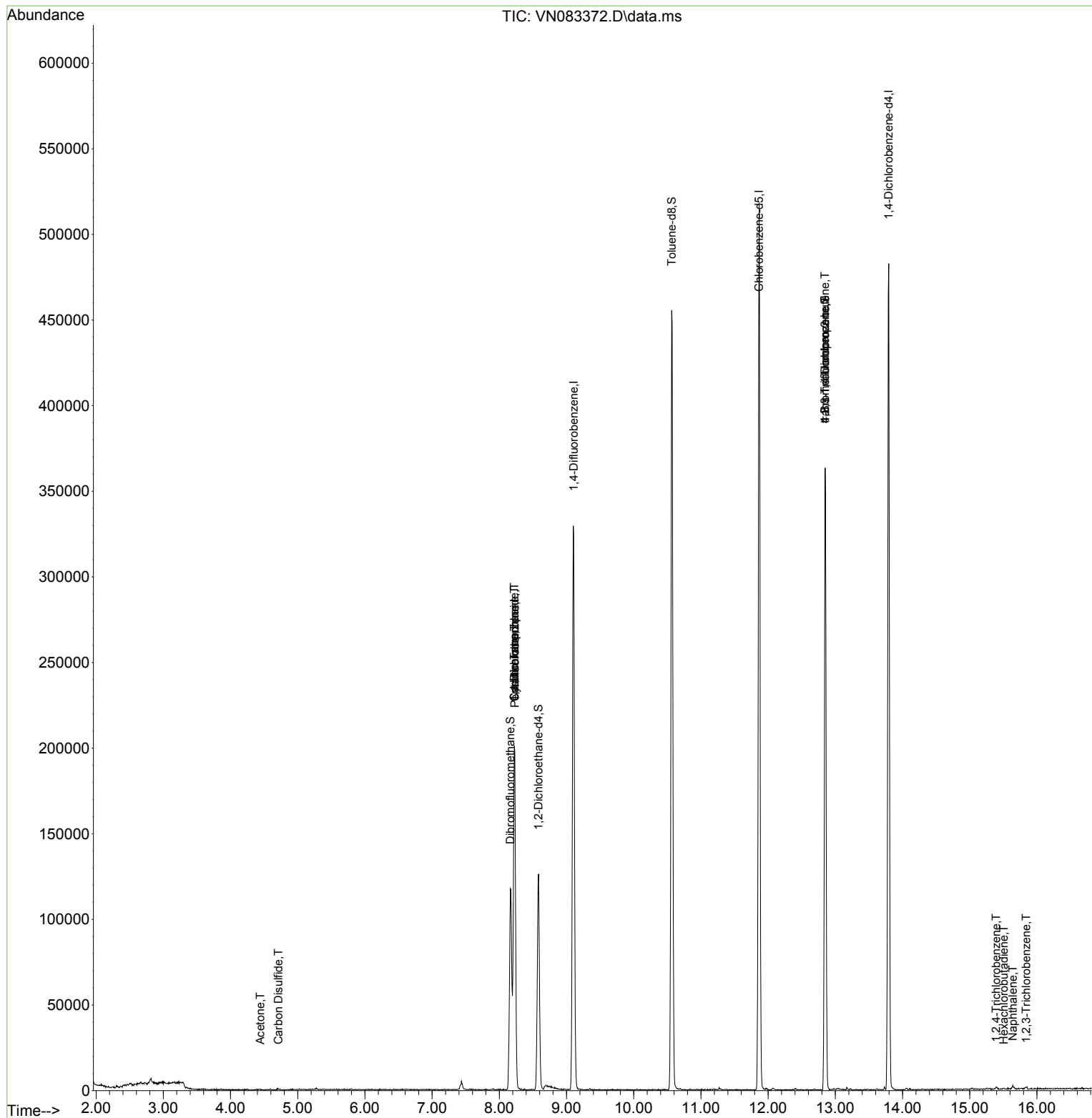
Internal Standards						
1) Pentafluorobenzene	8.230	168	142372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	280211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	105059	51.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	8.165	113	85459	48.861	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	10.565	98	315260	48.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.640%			
62) 4-Bromofluorobenzene	12.847	95	131103	51.544	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.080%			
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	608	0.767	ug/l #	48
17) Carbon Disulfide	4.712	76	1407	0.305	ug/l #	75
31) Cyclohexane	8.224	56	3706	1.234	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	12989	4.909	ug/l #	52
38) Carbon Tetrachloride	8.224	117	16292	5.467	ug/l #	18
43) Isopropyl Acetate	8.688	43	2266	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	71261	25.653	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71261	55.801	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	499	0.208	ug/l	82
94) Hexachlorobutadiene	15.506	225	376	0.352	ug/l #	28
95) Naphthalene	15.641	128	2611	0.307	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	627	0.264	ug/l #	80

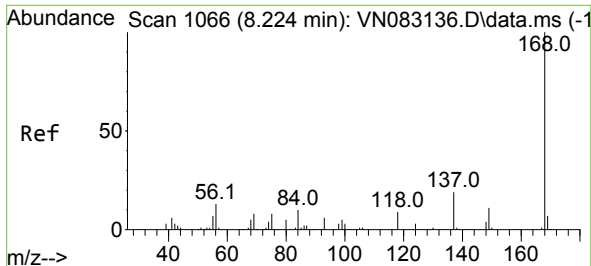
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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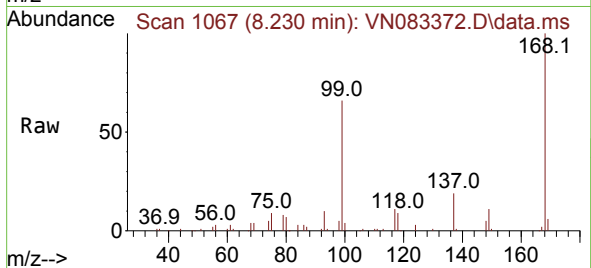
Quant Time: Aug 20 04:46:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



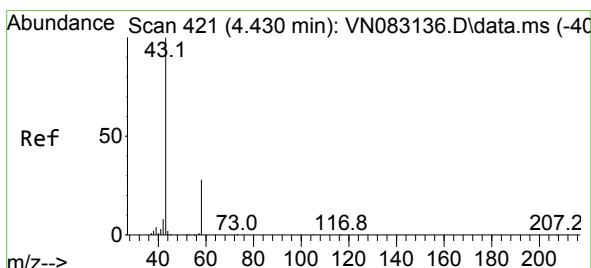
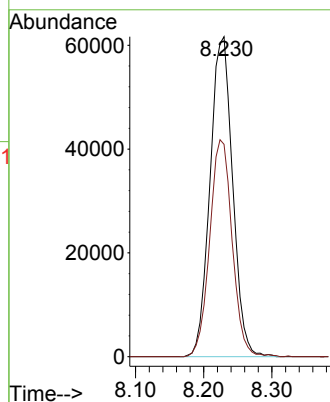
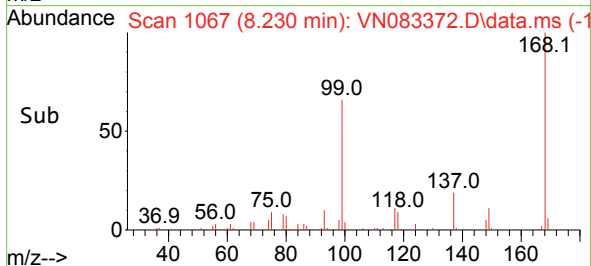


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

Instrument :
MSVOA_N
ClientSampleId :

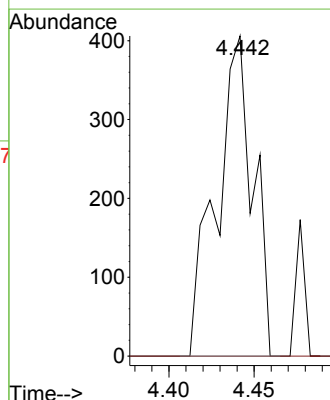
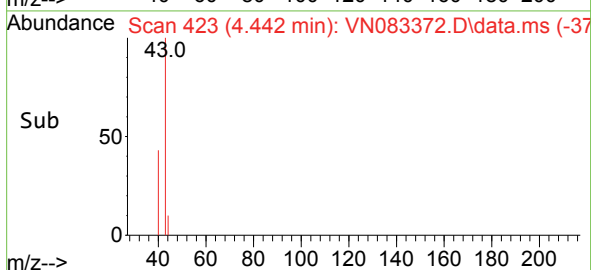
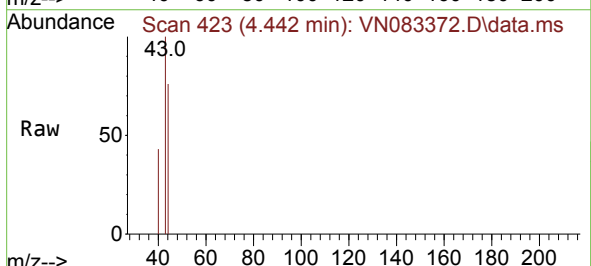


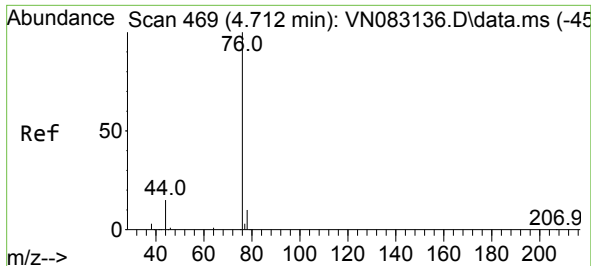
Tgt Ion:168 Resp: 142372
Ion Ratio Lower Upper
168 100
99 66.4 48.2 72.4



#16
Acetone
Concen: 0.767 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

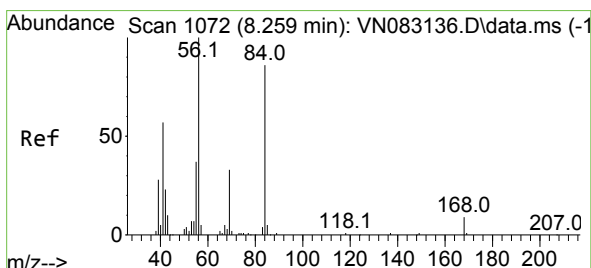
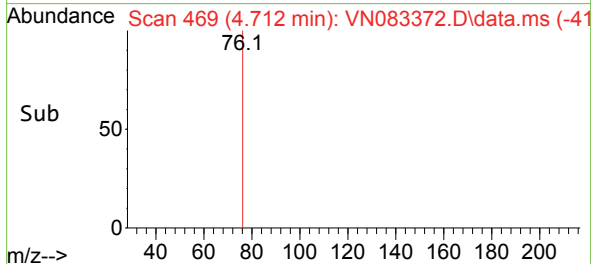
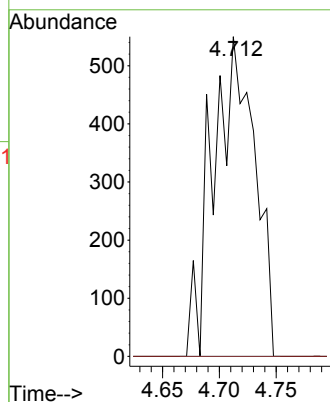
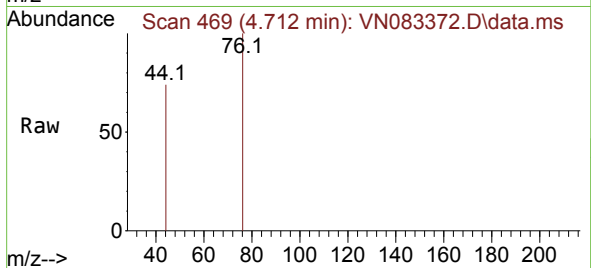




#17
Carbon Disulfide
Concen: 0.305 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

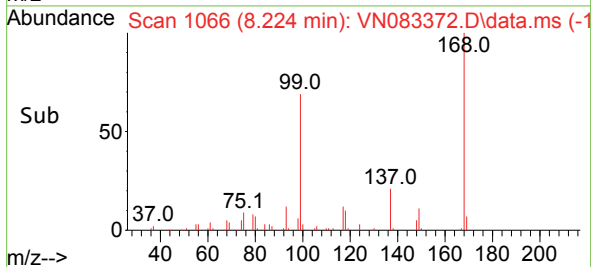
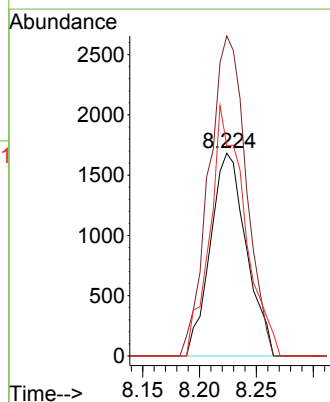
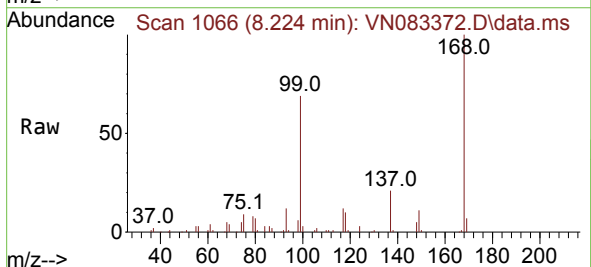
Instrument :
MSVOA_N
ClientSampleId :

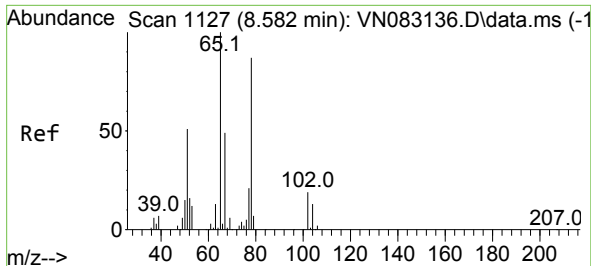
Tgt Ion: 76 Resp: 1407
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

Tgt Ion: 56 Resp: 3706
Ion Ratio Lower Upper
56 100
69 157.8 24.5 36.7#
84 103.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 51.842 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

Instrument :

MSVOA_N

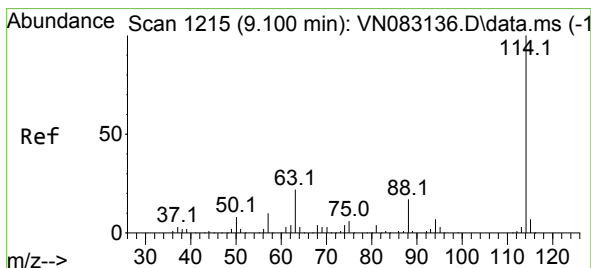
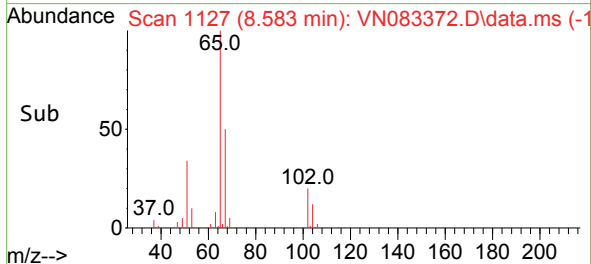
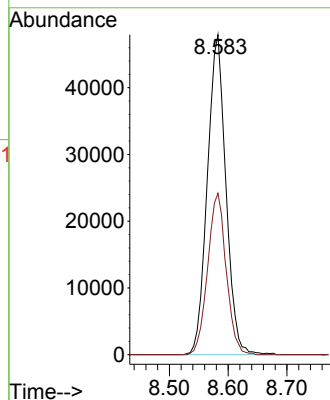
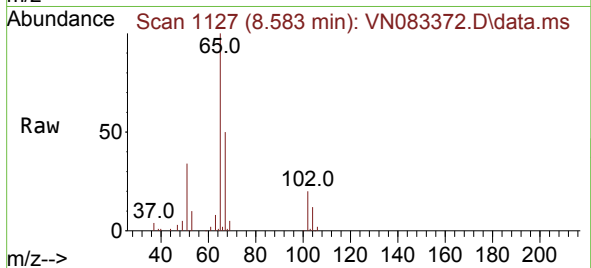
ClientSampleId :

Tgt Ion: 65 Resp: 105059

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

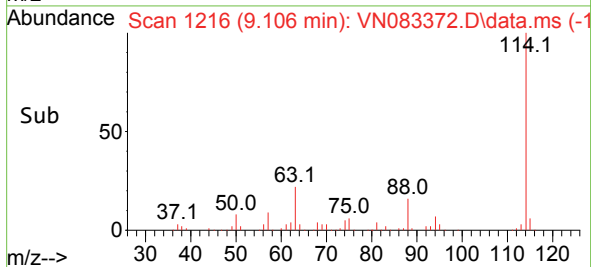
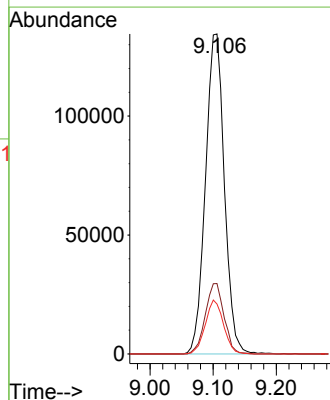
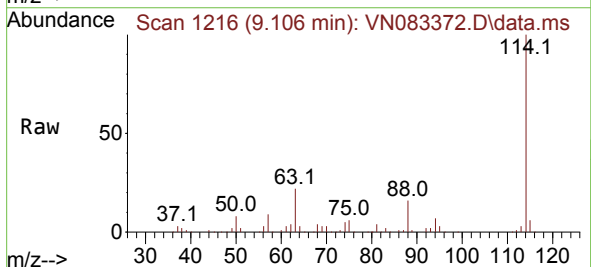
Tgt Ion: 114 Resp: 280211

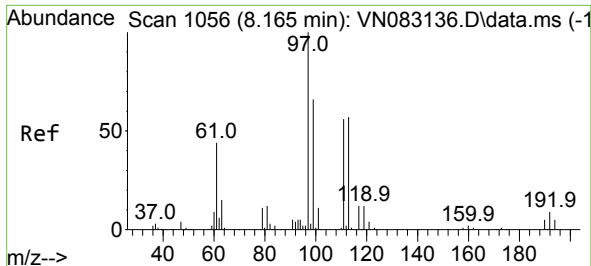
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 15.6 0.0 31.4

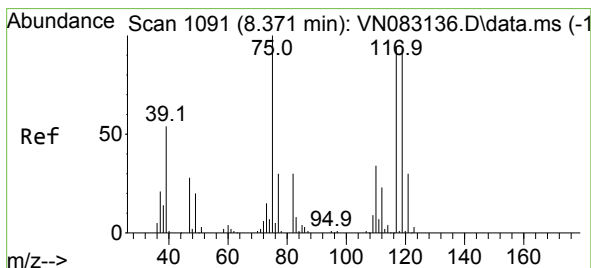
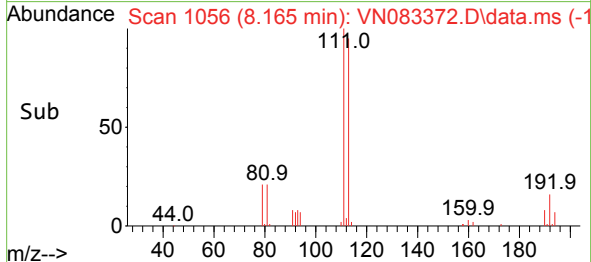
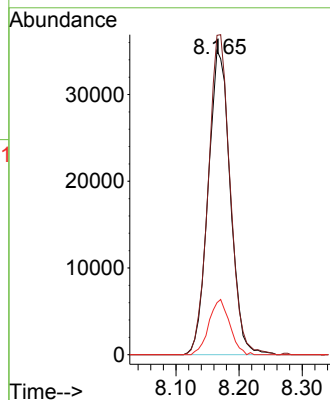
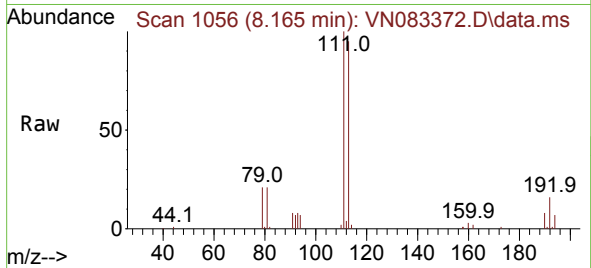




#35
Dibromofluoromethane
Concen: 48.861 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

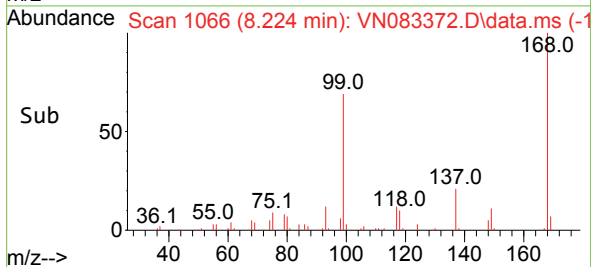
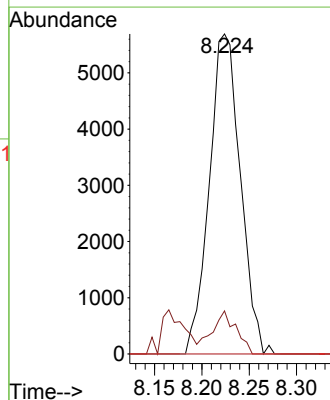
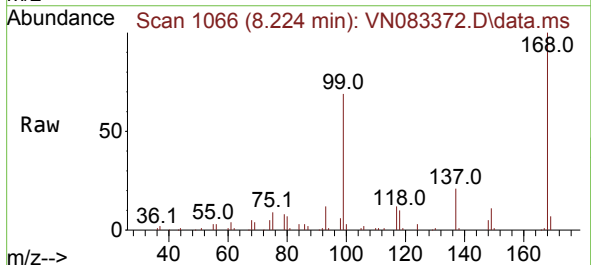
Instrument :
MSVOA_N
ClientSampleId :

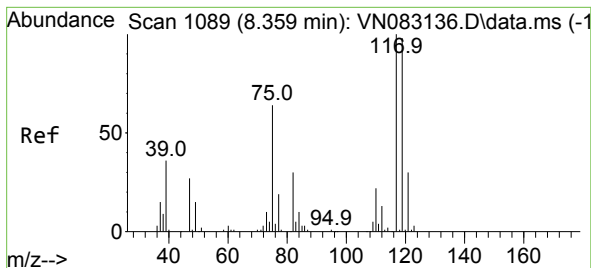
Tgt Ion:113 Resp: 85459
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.0 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

Tgt Ion: 75 Resp: 12989
Ion Ratio Lower Upper
75 100
110 10.5 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.467 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

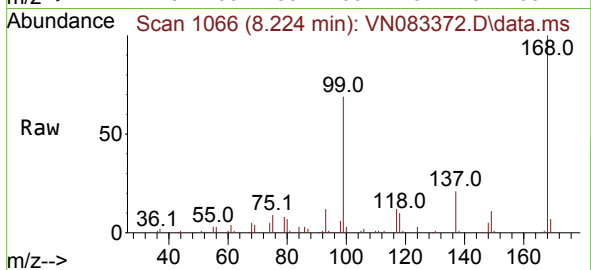
Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :



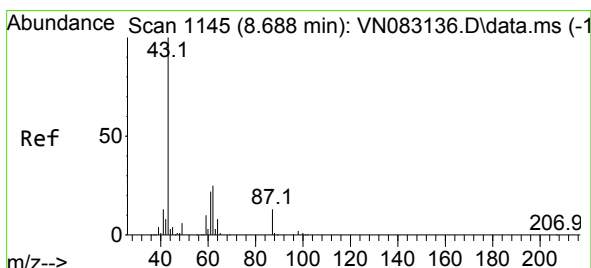
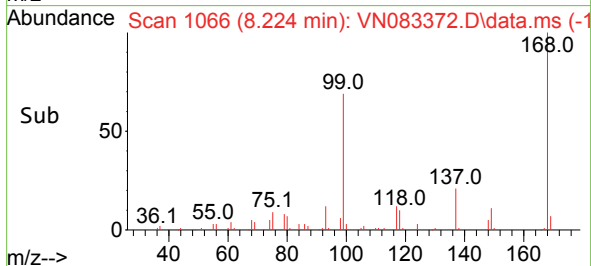
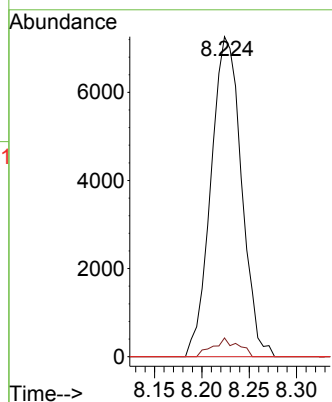
Tgt Ion:117 Resp: 16292

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: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

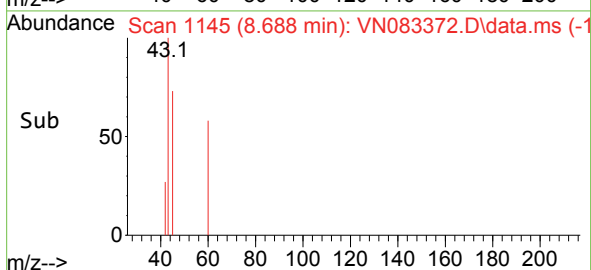
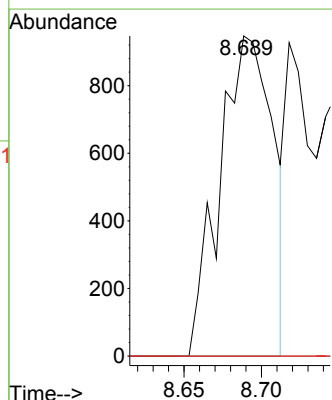
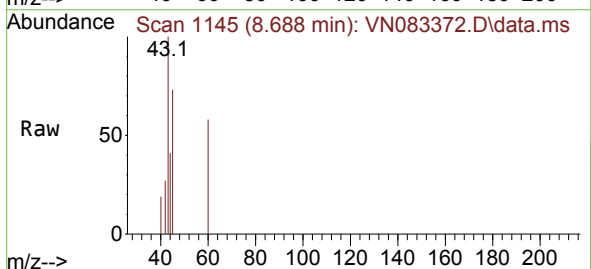
Tgt Ion: 43 Resp: 2266

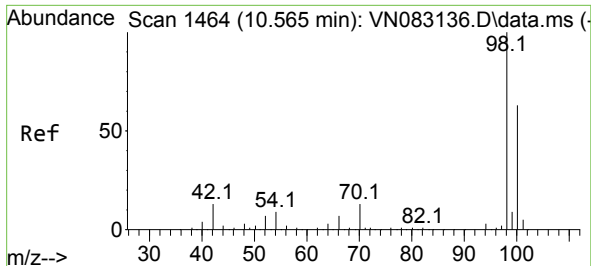
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

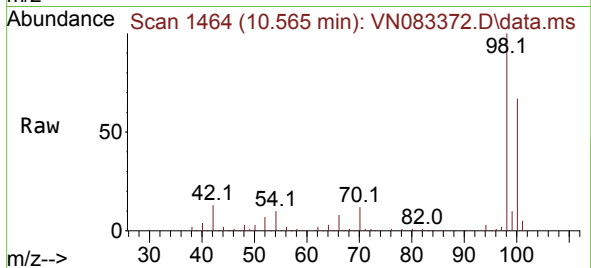
87 0.0 8.2 12.2#



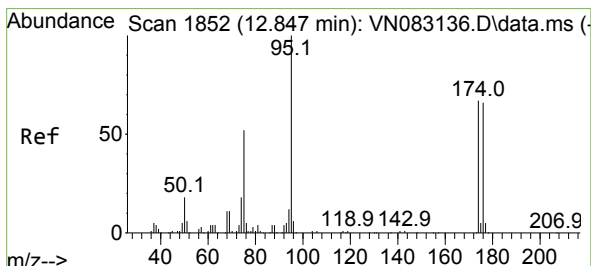
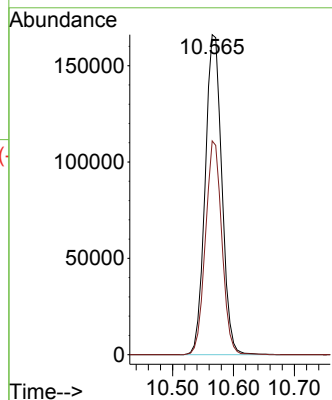
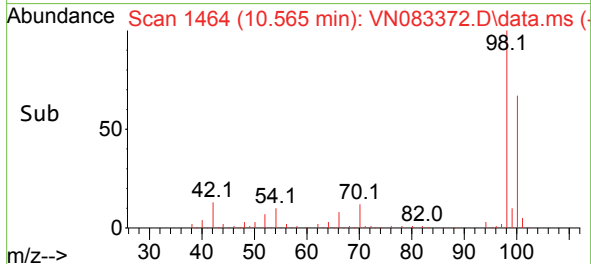


#50
Toluene-d8
Concen: 48.321 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

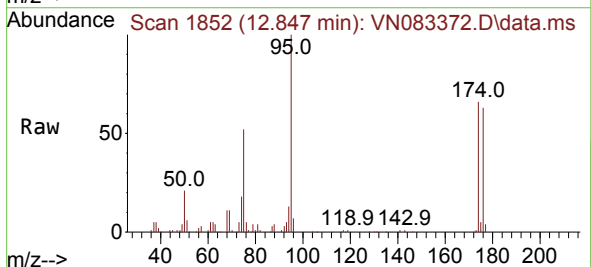
Instrument :
MSVOA_N
ClientSampleId :



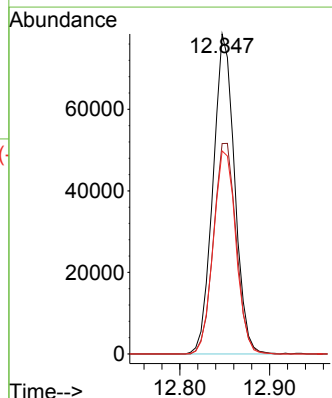
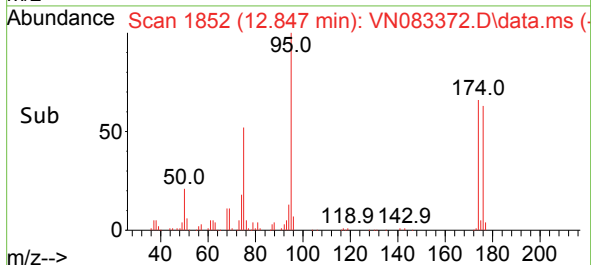
Tgt Ion: 98 Resp: 315260
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3

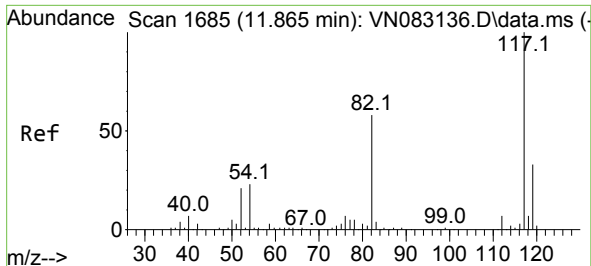


#62
4-Bromofluorobenzene
Concen: 51.544 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03



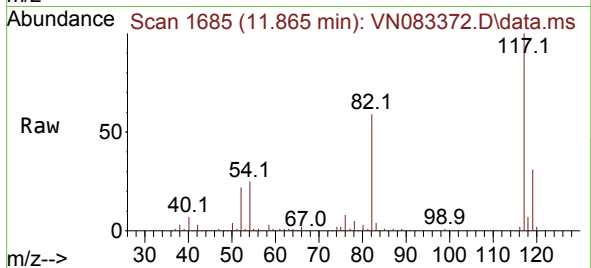
Tgt Ion: 95 Resp: 131103
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 66.5 0.0 147.6



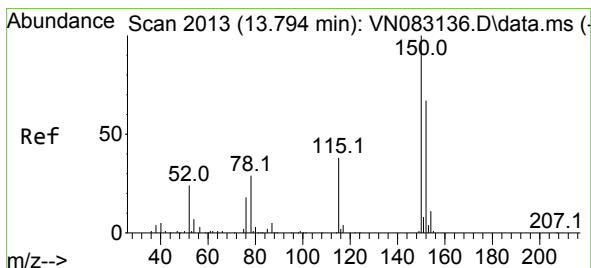
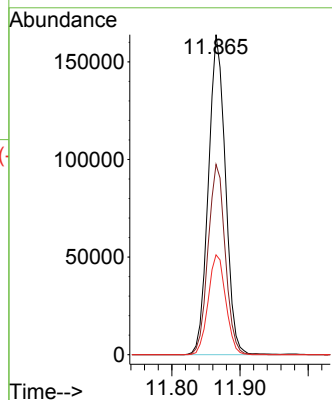
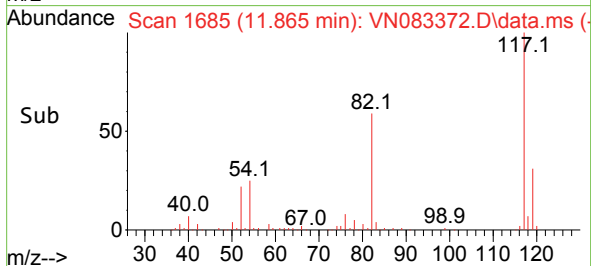


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

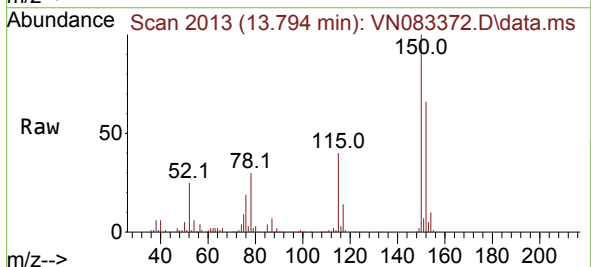
Instrument :
MSVOA_N
ClientSampleId :



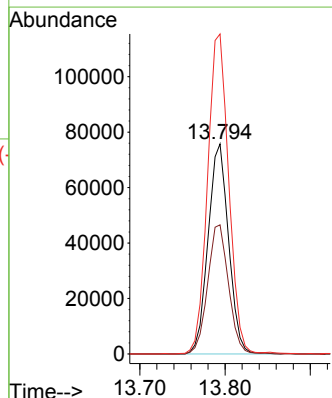
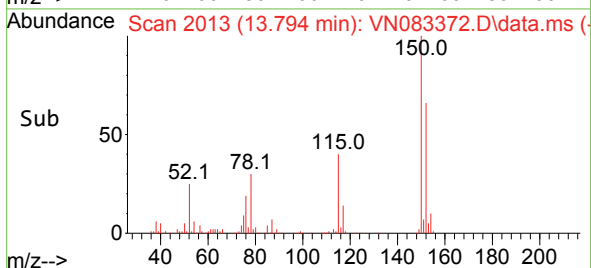
Tgt Ion:117 Resp: 284731
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 31.2 25.6 38.4

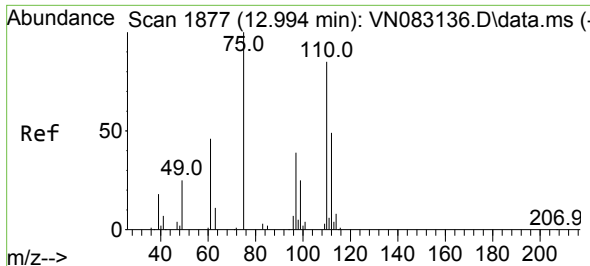


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03



Tgt Ion:152 Resp: 126570
Ion Ratio Lower Upper
152 100
115 62.6 30.6 91.6
150 156.6 0.0 348.6

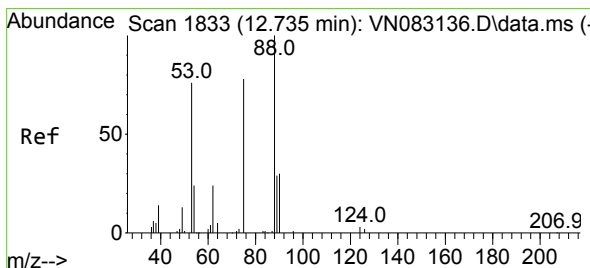
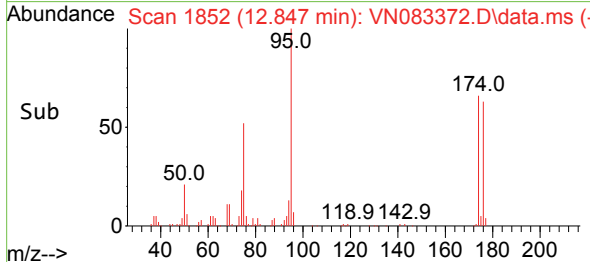
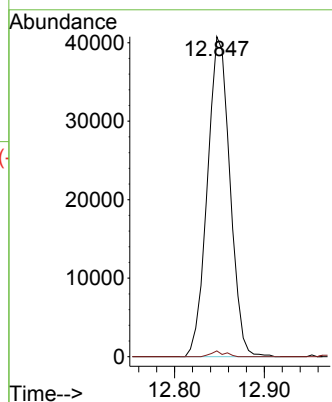
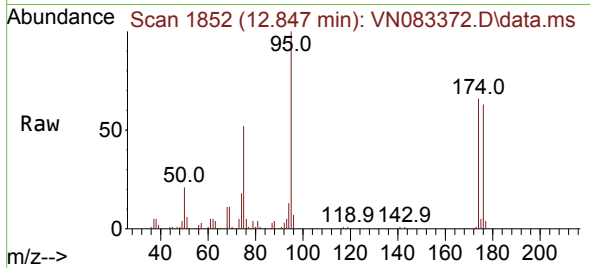




#76
1,2,3-Trichloropropane
Concen: 25.653 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

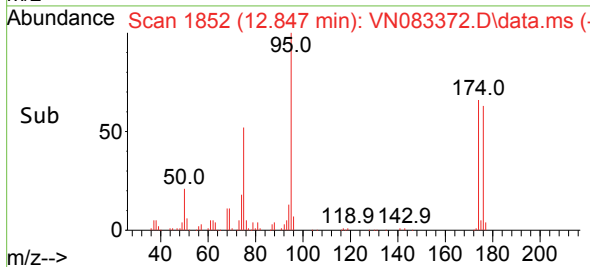
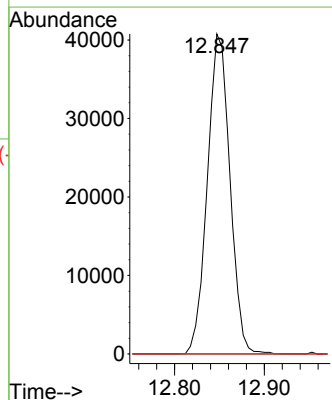
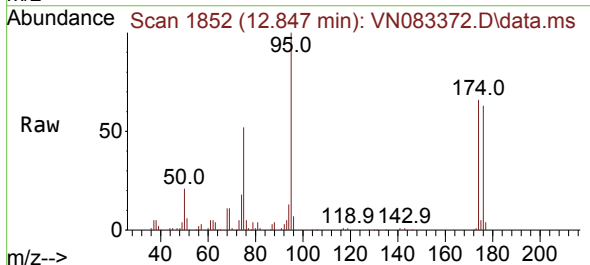
Instrument :
MSVOA_N
ClientSampleId :

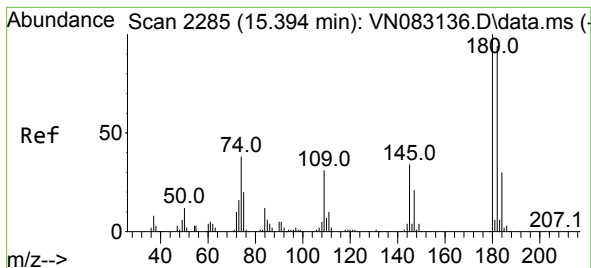
Tgt Ion: 75 Resp: 71261
Ion Ratio Lower Upper
75 100
77 1.1 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.801 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083372.D
Acq: 19 Aug 2024 15:03

Tgt Ion: 75 Resp: 71261
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.208 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

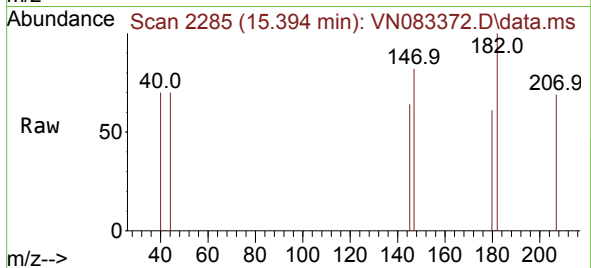
Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :



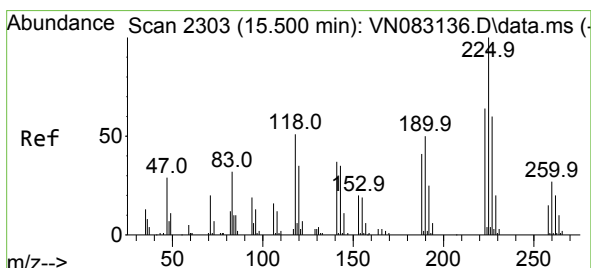
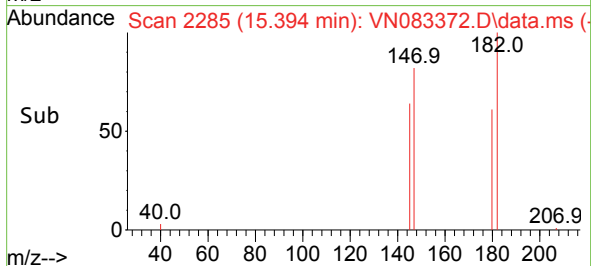
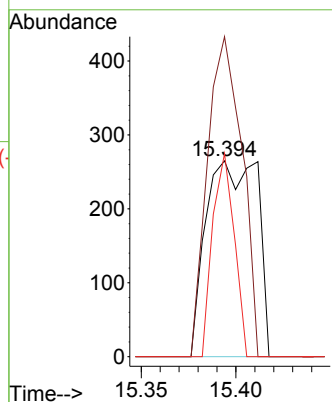
Tgt Ion:180 Resp: 499

Ion Ratio Lower Upper

180 100

182 110.0 47.3 141.8

145 43.7 15.7 47.1



#94

Hexachlorobutadiene

Concen: 0.352 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

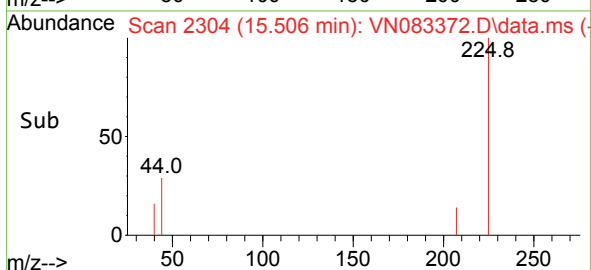
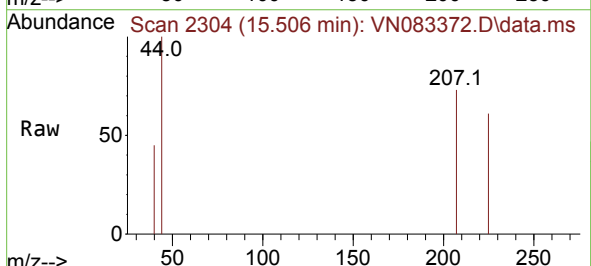
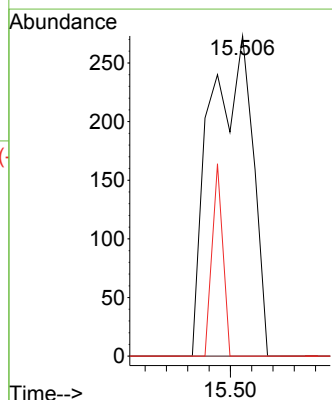
Tgt Ion:225 Resp: 376

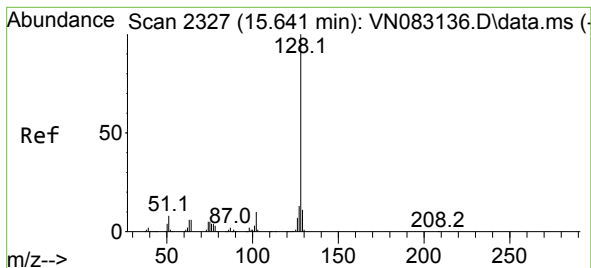
Ion Ratio Lower Upper

225 100

223 0.0 31.9 95.7#

227 15.4 32.5 97.5#





#95

Naphthalene

Concen: 0.307 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083372.D

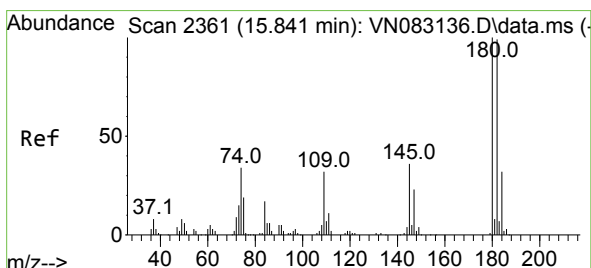
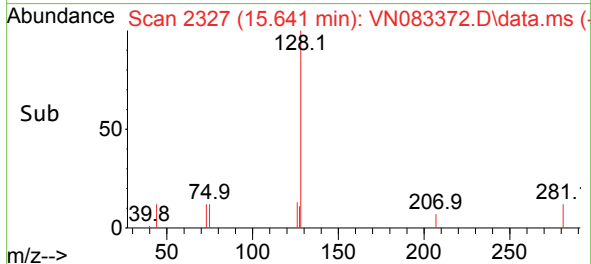
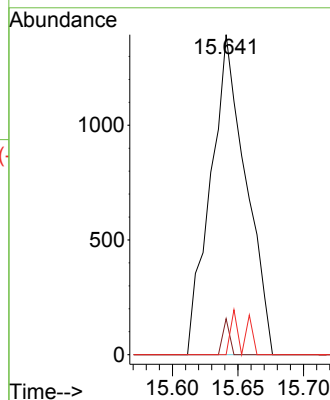
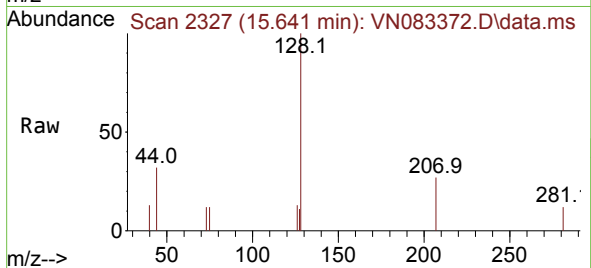
Acq: 19 Aug 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	2611
Ion	Ratio	Lower	Upper
128	100		
127	2.1	10.6	16.0#
129	5.0	8.6	12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.264 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083372.D

Acq: 19 Aug 2024 15:03

Tgt Ion:	180	Resp:	627
Ion	Ratio	Lower	Upper
180	100		
182	111.2	48.9	146.8
145	12.3	16.8	50.4#

