

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083278.D
 Acq On : 14 Aug 2024 05:16
 Operator : JC\MD
 Sample : P3450-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 07:57:56 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)

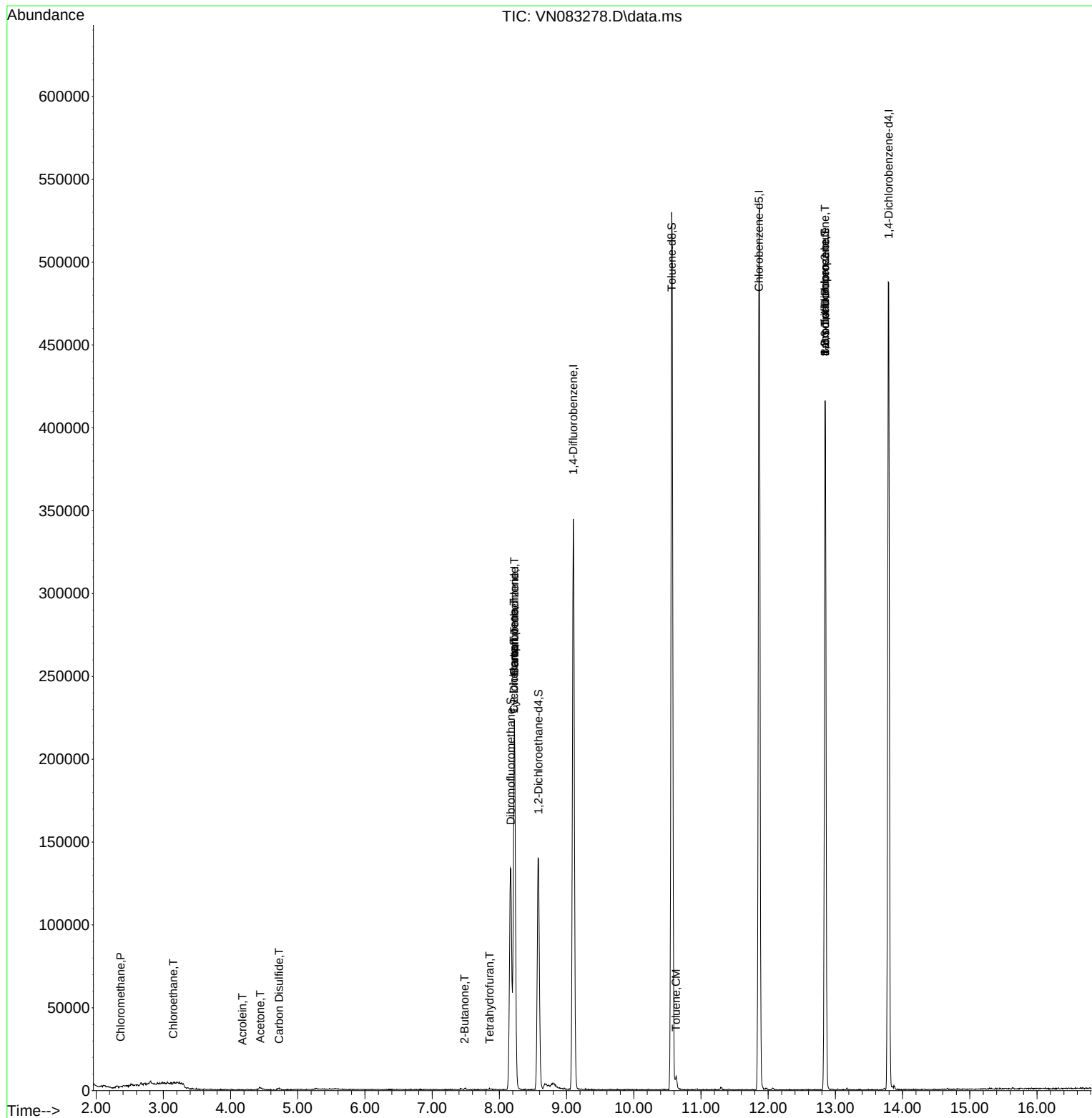
Internal Standards						
1) Pentafluorobenzene	8.224	168	152167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122788	56.691	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.380%	
35) Dibromofluoromethane	8.171	113	97234	53.557	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.120%	
50) Toluene-d8	10.565	98	366039	54.049	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.100%	
62) 4-Bromofluorobenzene	12.847	95	149055	56.455	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	112.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	790	0.447	ug/l #	43
6) Chloroethane	3.148	64	256	0.227	ug/l #	41
13) Acrolein	4.177	56	116	0.395	ug/l #	14
16) Acetone	4.442	43	2637	3.111	ug/l	97
17) Carbon Disulfide	4.724	76	1682	0.341	ug/l #	75
25) 2-Butanone	7.483	43	279	0.214	ug/l #	53
29) Tetrahydrofuran	7.853	42	518	0.616	ug/l #	62
31) Cyclohexane	8.218	56	3813	1.188	ug/l #	23
36) 1,1-Dichloropropene	8.218	75	13323	4.851	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17193	5.558	ug/l #	18
43) Isopropyl Acetate	8.677	43	2147	Below Cal	#	60
52) Toluene	10.629	92	3220	0.623	ug/l	84
71) Bromoform	12.847	173	708	0.407	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	82981	28.381	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82981	61.736	ug/l #	6

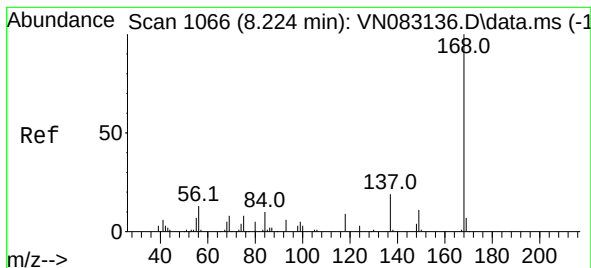
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

Instrument :

MSVOA_N

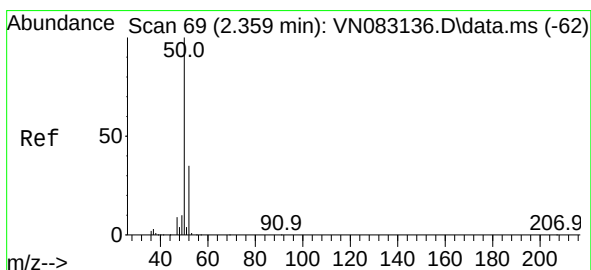
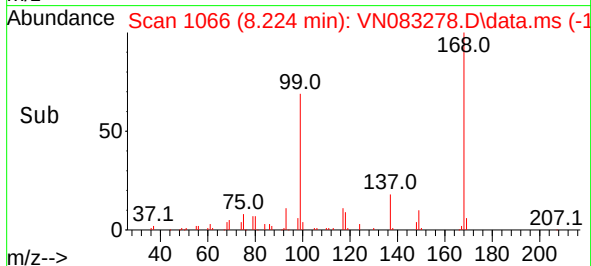
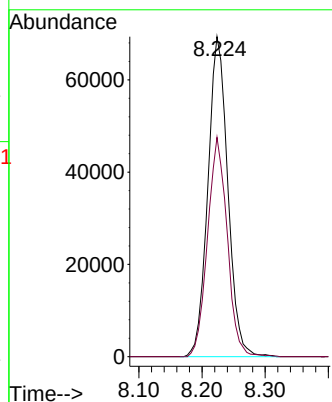
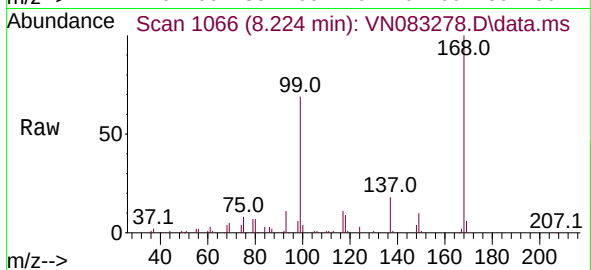
ClientSampleId :

Tgt Ion:168 Resp: 152167

Ion Ratio Lower Upper

168 100

99 68.6 48.2 72.4



#3

Chloromethane

Concen: 0.447 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN083278.D

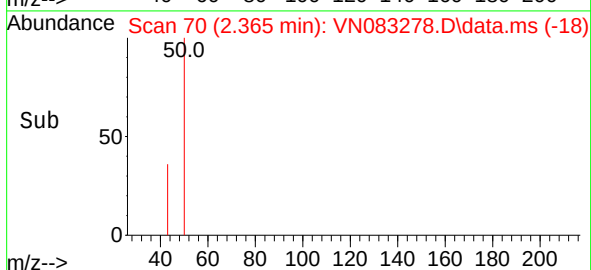
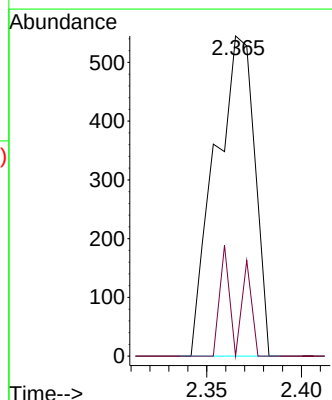
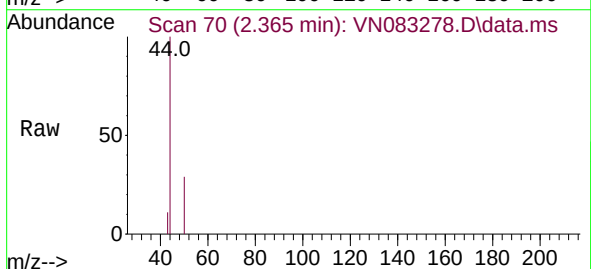
Acq: 14 Aug 2024 05:16

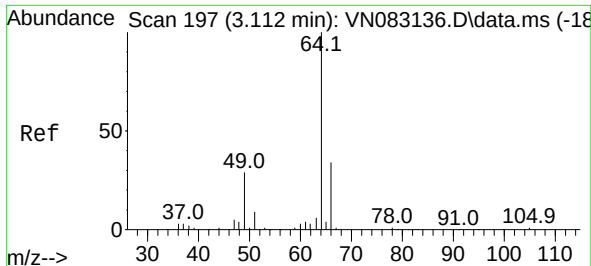
Tgt Ion: 50 Resp: 790

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

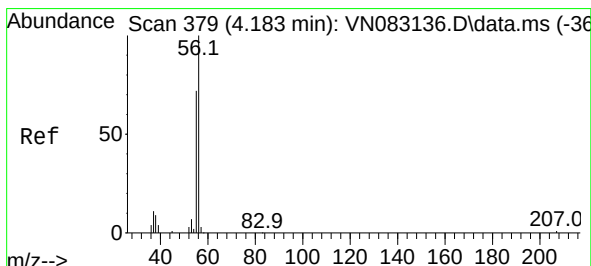
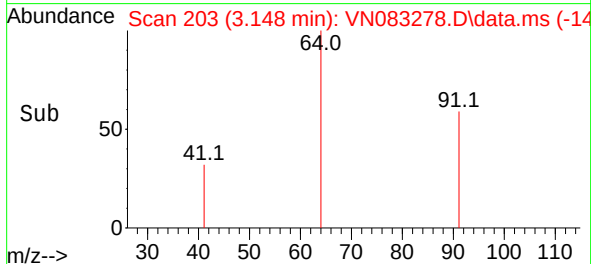
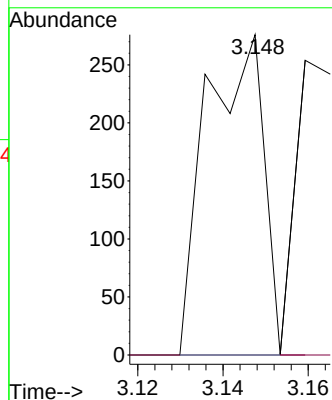
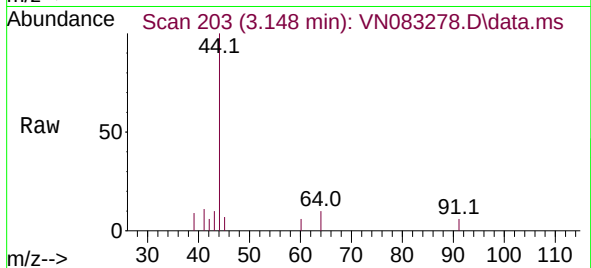




#6
Chloroethane
Concen: 0.227 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.035 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

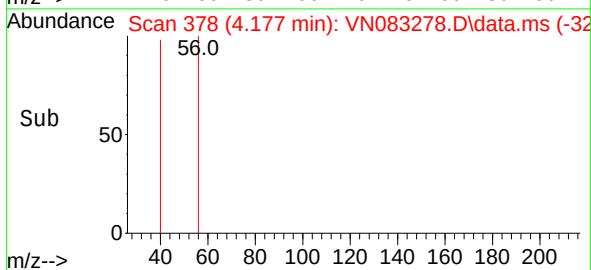
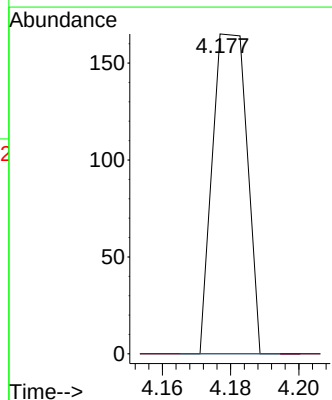
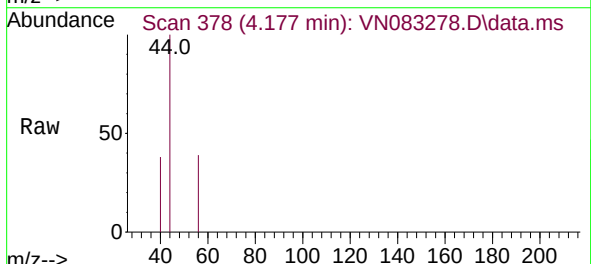
Instrument :
MSVOA_N
ClientSampleId :

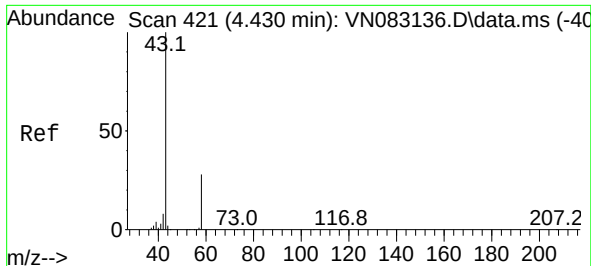
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#13
Acrolein
Concen: 0.395 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#16

Acetone

Concen: 3.111 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

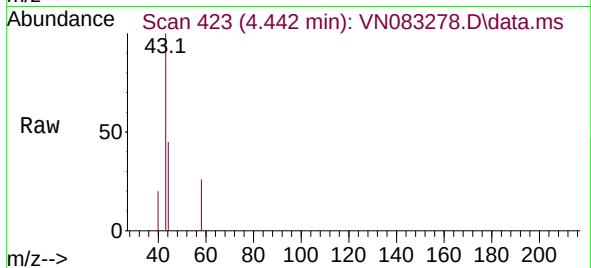
Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

Instrument :

MSVOA_N

ClientSampleId :

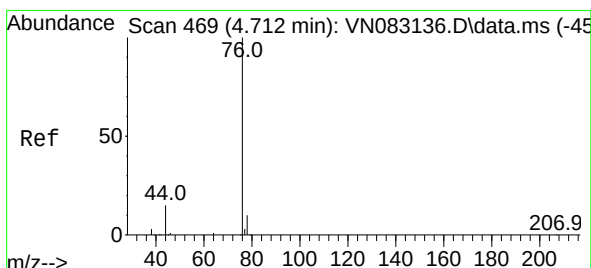
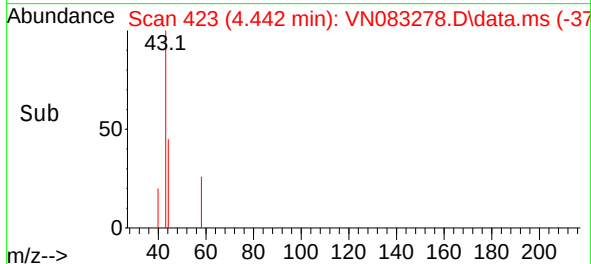
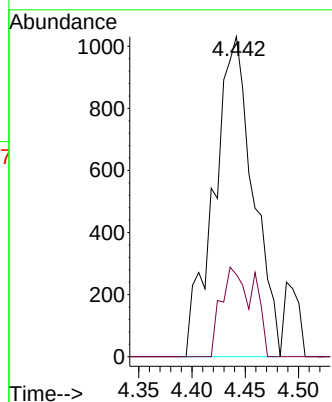


Tgt Ion: 43 Resp: 2637

Ion Ratio Lower Upper

43 100

58 25.7 21.8 32.6



#17

Carbon Disulfide

Concen: 0.341 ug/l

RT: 4.724 min Scan# 471

Delta R.T. 0.012 min

Lab File: VN083278.D

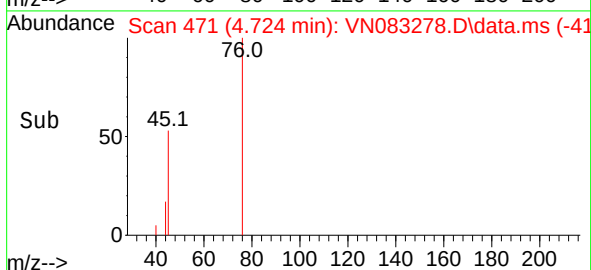
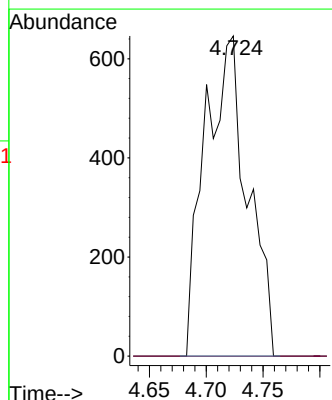
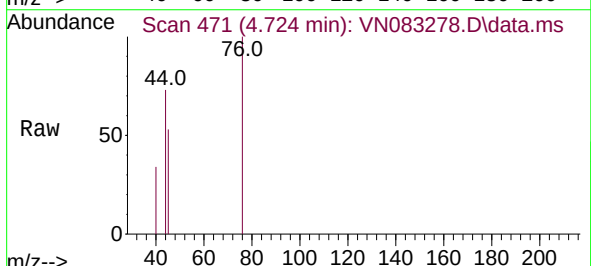
Acq: 14 Aug 2024 05:16

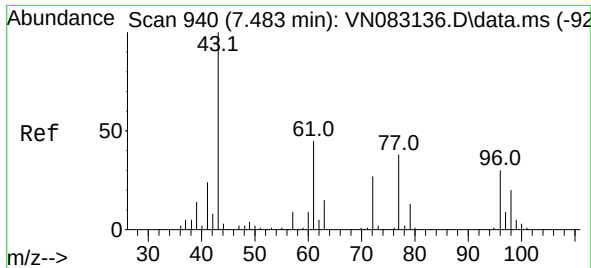
Tgt Ion: 76 Resp: 1682

Ion Ratio Lower Upper

76 100

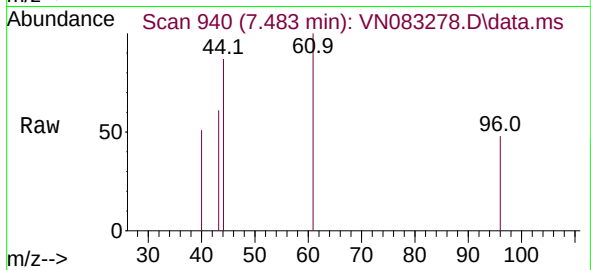
78 0.0 7.2 10.8#



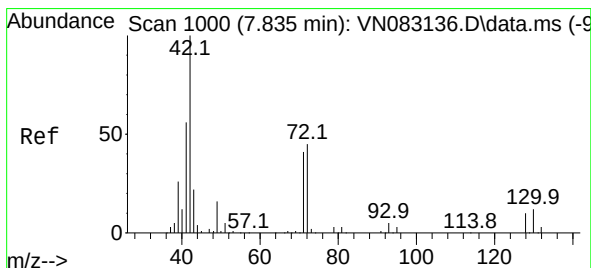
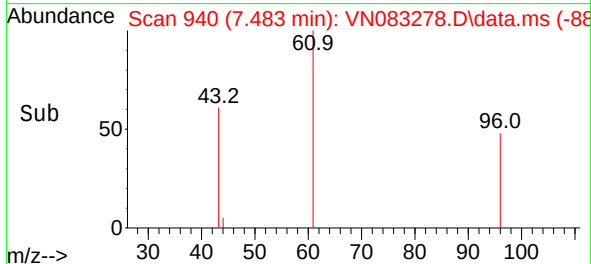
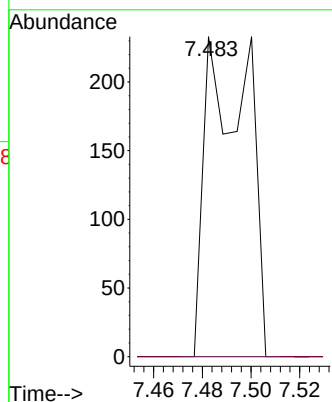


#25
2-Butanone
Concen: 0.214 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Instrument :
MSVOA_N
ClientSampleId :

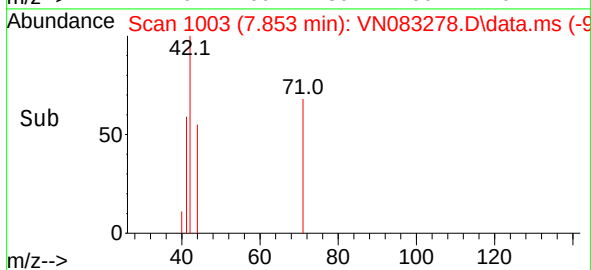
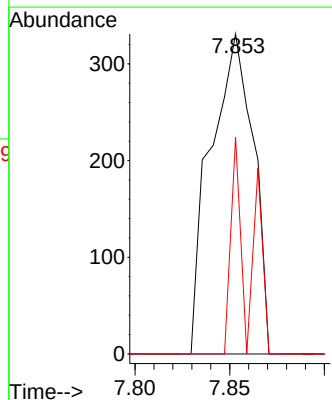
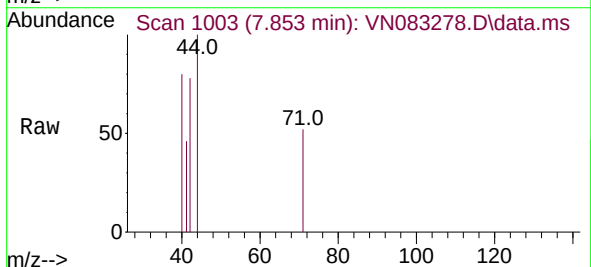


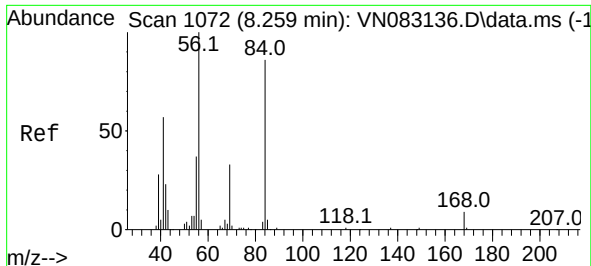
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#29
Tetrahydrofuran
Concen: 0.616 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

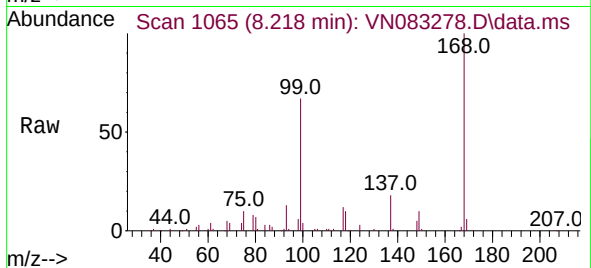
Tgt Ion: 42 Resp: 518
Ion Ratio Lower Upper
42 100
72 0.0 30.0 45.0#
71 28.4 28.3 42.5



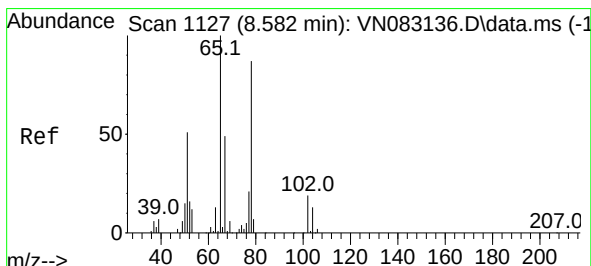
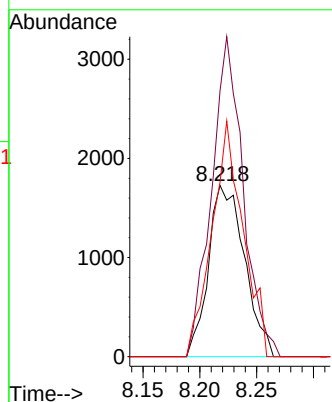
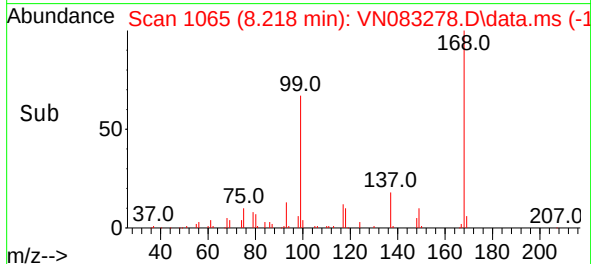


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Instrument :
MSVOA_N
ClientSampleId :

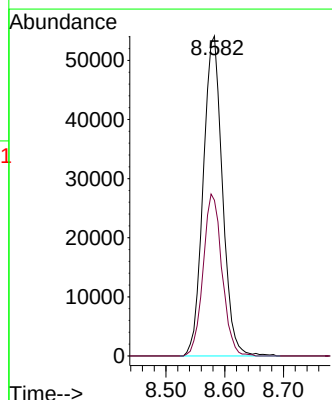
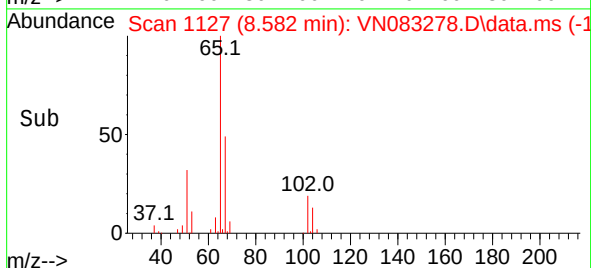
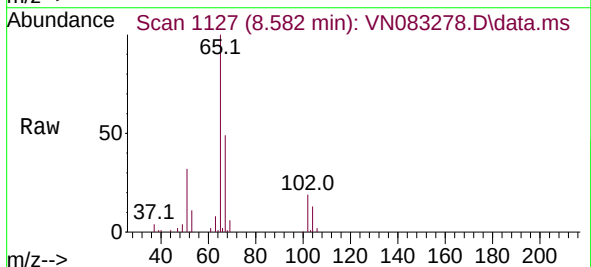


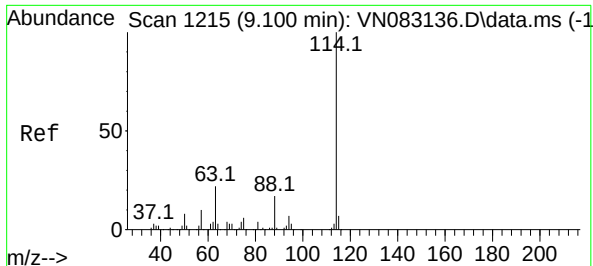
Tgt Ion: 56 Resp: 3813
Ion Ratio Lower Upper
56 100
69 155.3 24.5 36.7#
84 101.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.691 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Tgt Ion: 65 Resp: 122788
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4

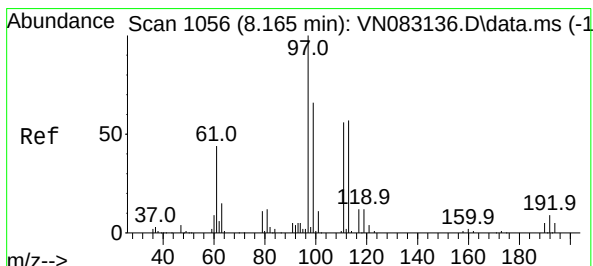
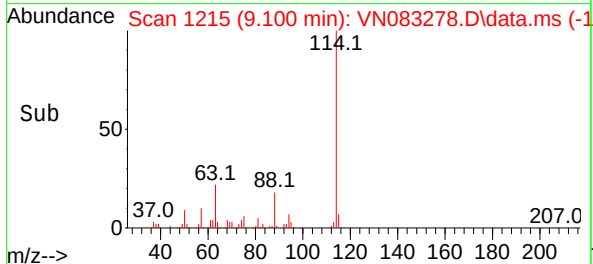
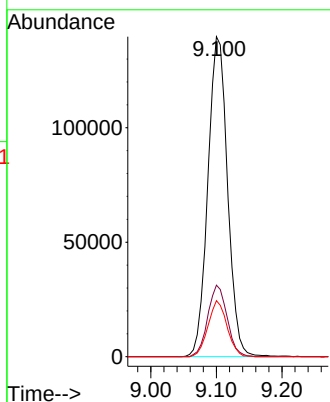
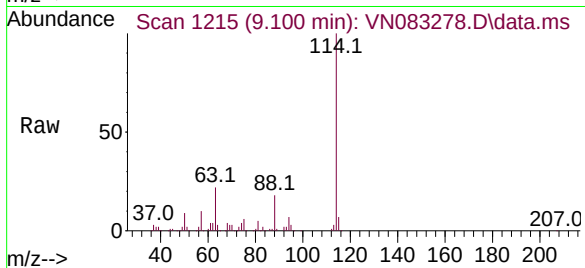




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

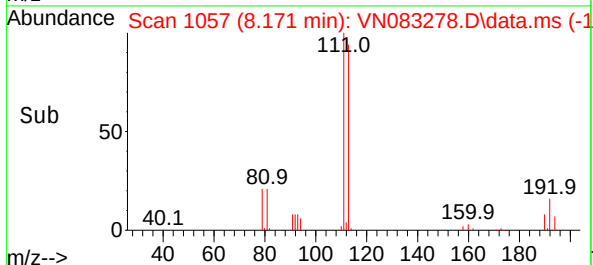
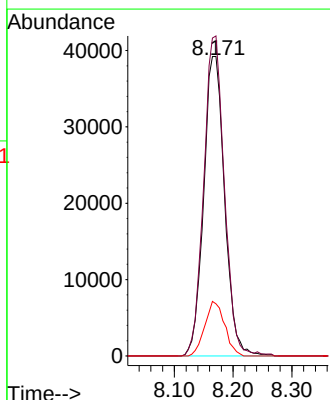
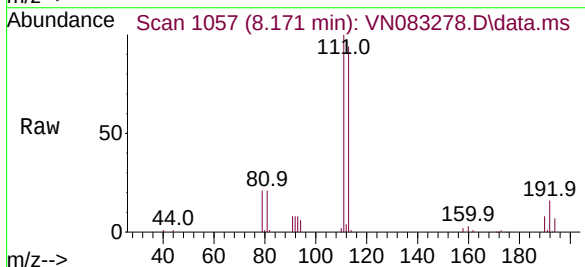
Instrument :
MSVOA_N
ClientSampleId :

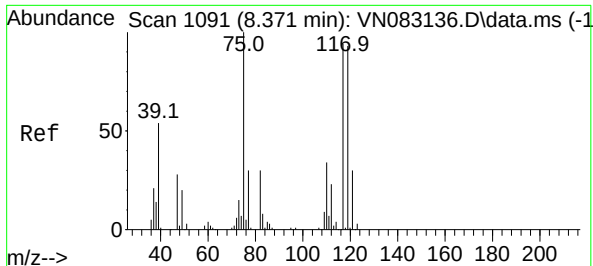
Tgt Ion:114 Resp: 290868
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 17.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.557 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Tgt Ion:113 Resp: 97234
Ion Ratio Lower Upper
113 100
111 105.3 82.4 123.6
192 17.2 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.851 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083278.D

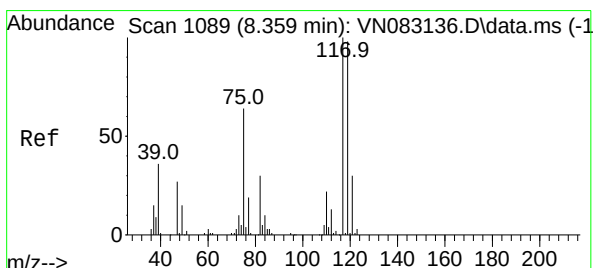
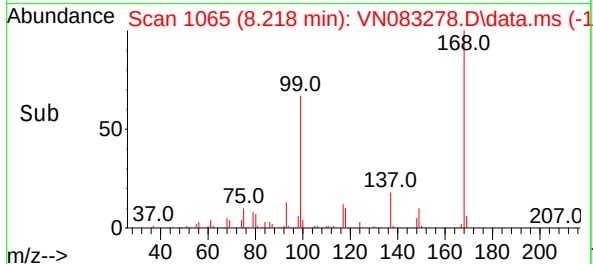
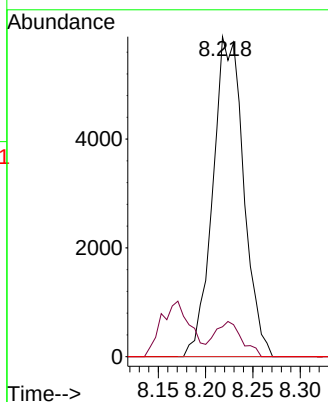
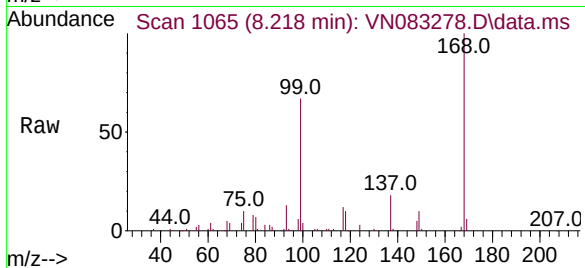
Acq: 14 Aug 2024 05:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	13323
Ion Ratio	Lower	Upper	
75	100		
110	9.5	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.558 ug/l

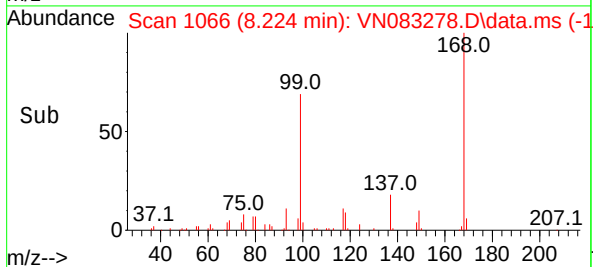
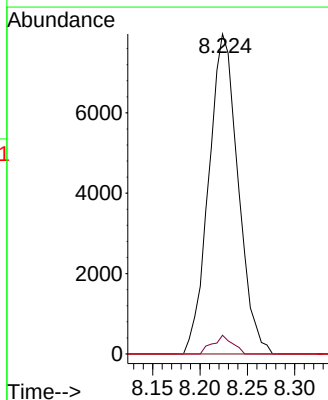
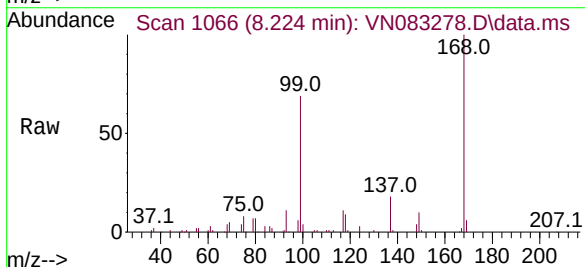
RT: 8.224 min Scan# 1066

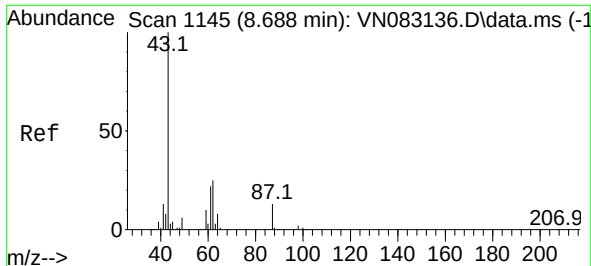
Delta R.T. -0.135 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

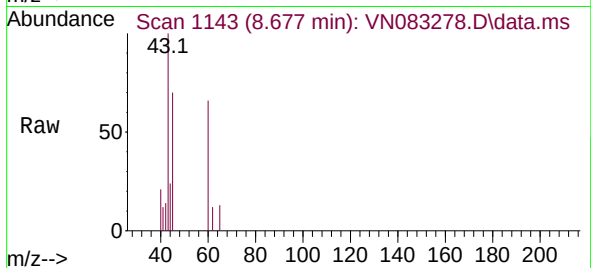
Tgt Ion:	117	Resp:	17193
Ion Ratio	Lower	Upper	
117	100		
119	5.9	74.9	112.3#
121	0.0	24.3	36.5#



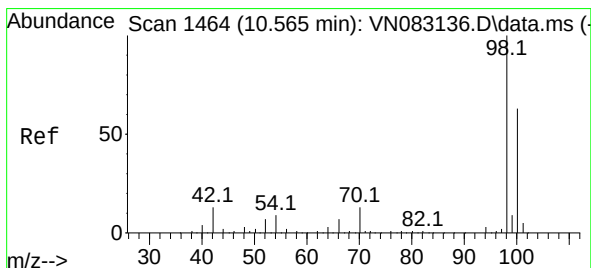
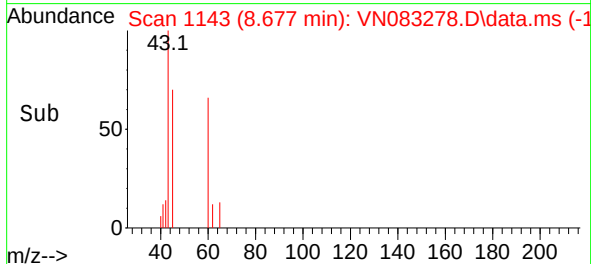
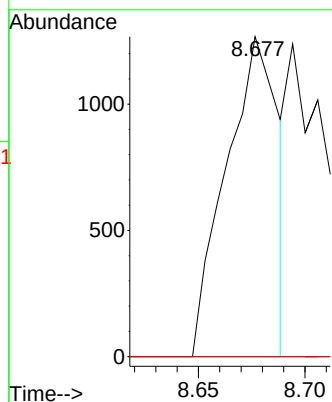


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Instrument :
MSVOA_N
ClientSampleId :

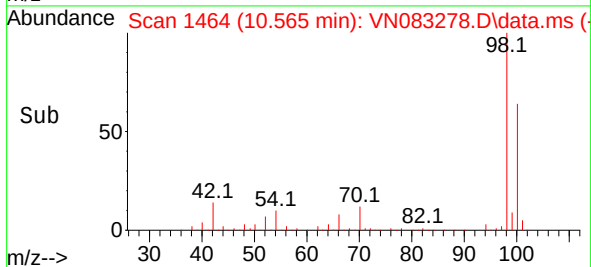
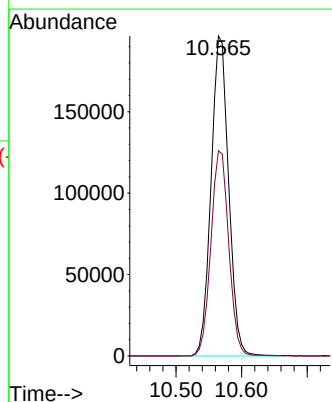
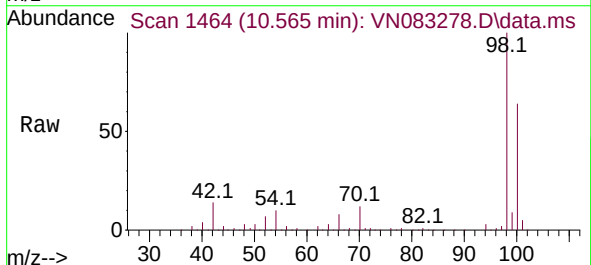


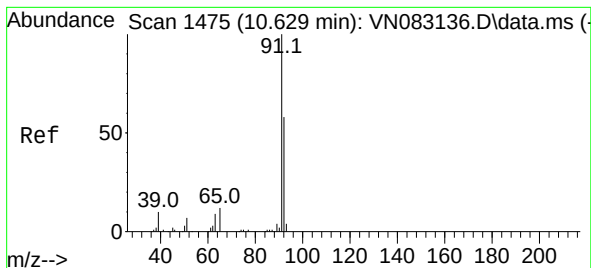
Tgt Ion: 43 Resp: 2147
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 54.049 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083278.D
Acq: 14 Aug 2024 05:16

Tgt Ion: 98 Resp: 366039
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3





#52

Toluene

Concen: 0.623 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

Instrument :

MSVOA_N

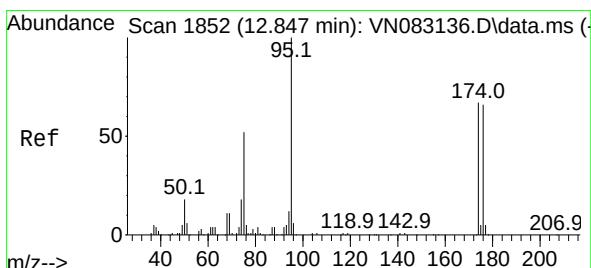
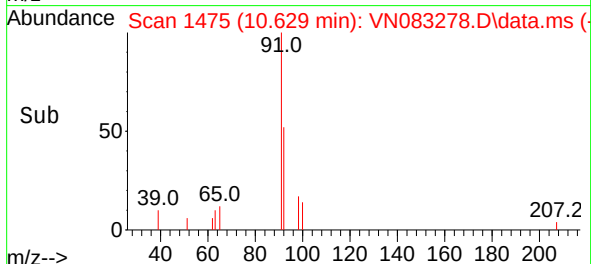
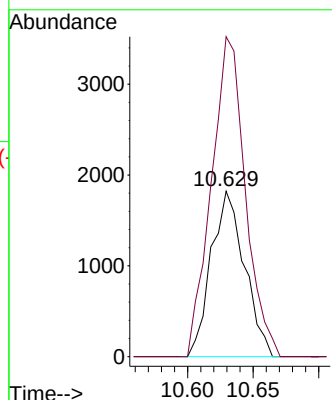
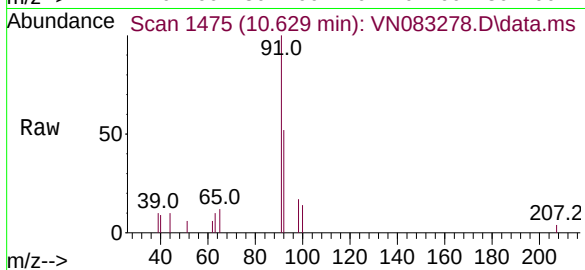
ClientSampleId :

Tgt Ion: 92 Resp: 3220

Ion Ratio Lower Upper

92 100

91 197.1 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 56.455 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

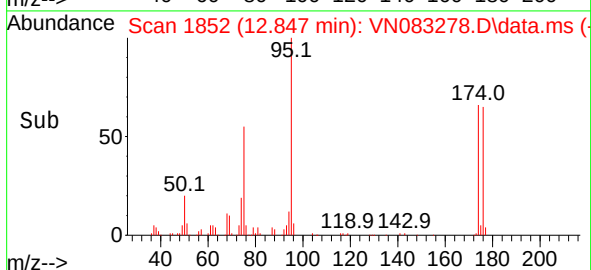
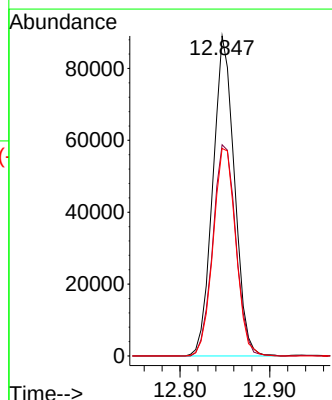
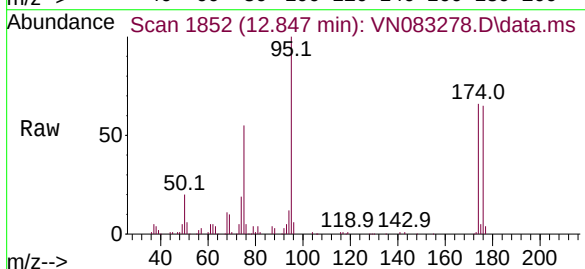
Tgt Ion: 95 Resp: 149055

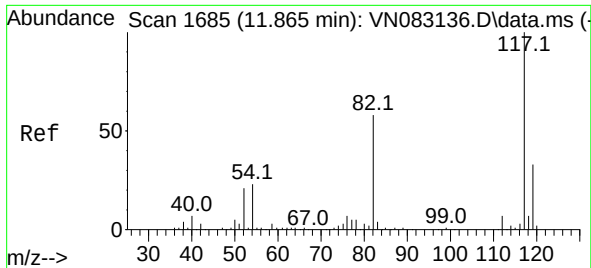
Ion Ratio Lower Upper

95 100

174 70.3 0.0 159.2

176 68.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

Instrument :

MSVOA_N

ClientSampleId :

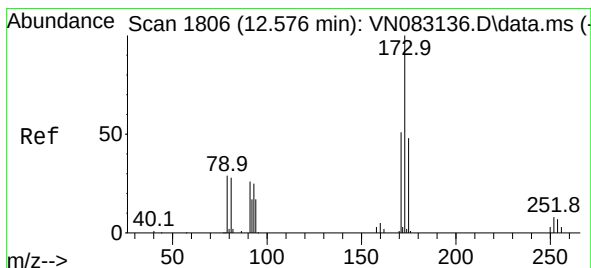
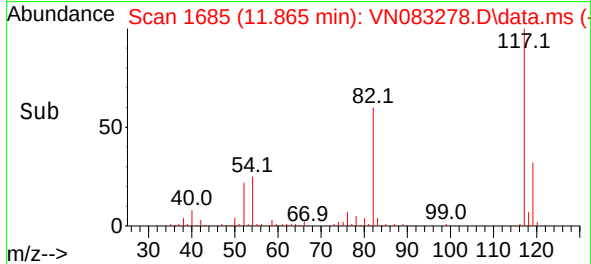
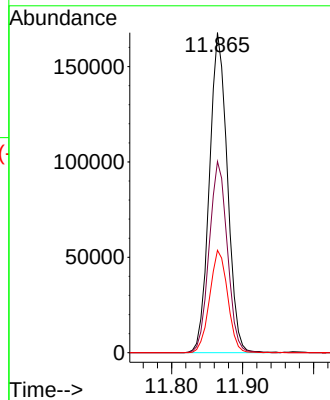
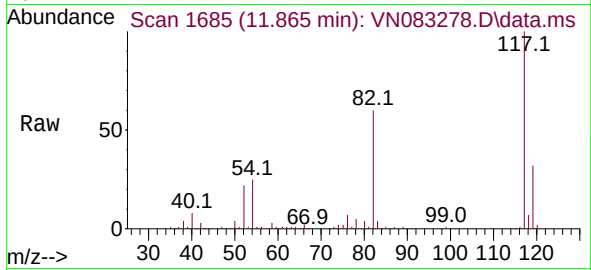
Tgt Ion:117 Resp: 294826

Ion Ratio Lower Upper

117 100

82 59.8 47.5 71.3

119 32.0 25.6 38.4



#71

Bromoform

Concen: 0.407 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN083278.D

Acq: 14 Aug 2024 05:16

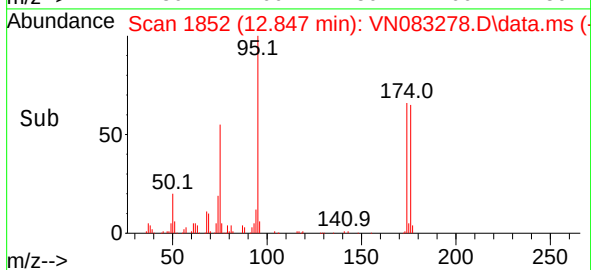
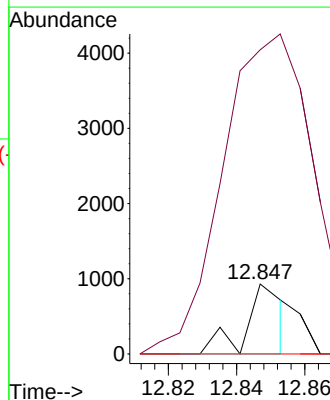
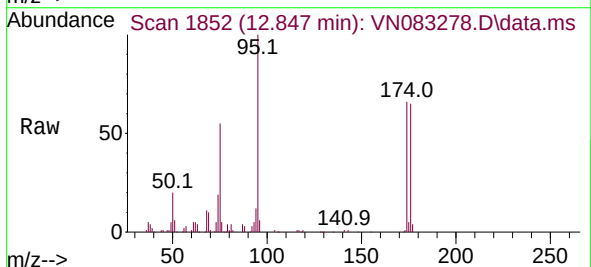
Tgt Ion:173 Resp: 708

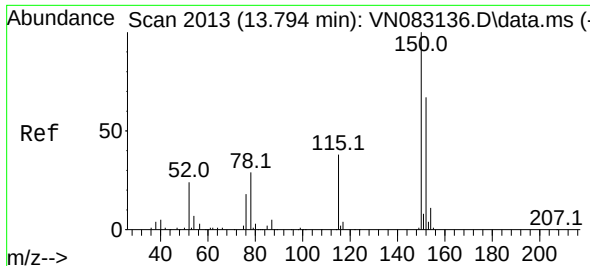
Ion Ratio Lower Upper

173 100

175 0.0 24.0 72.0#

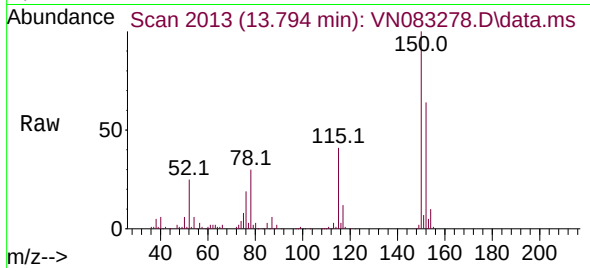
254 0.0 0.0 0.0



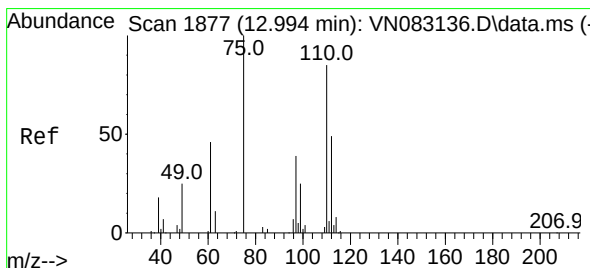
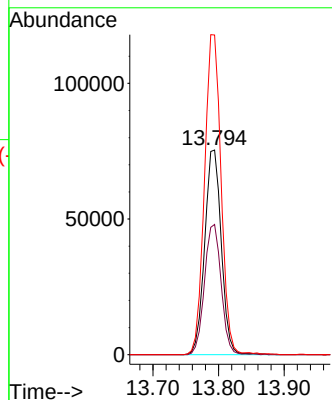
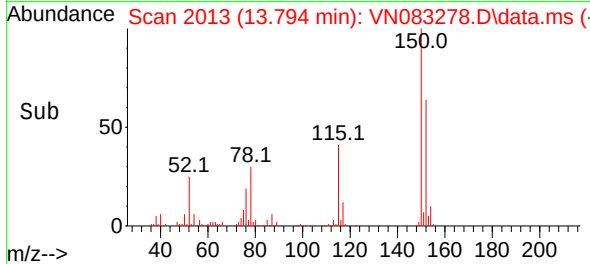


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN083278.D
 Acq: 14 Aug 2024 05:16

Instrument :
 MSVOA_N
 ClientSampleId :

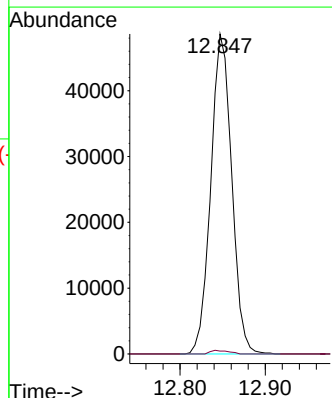
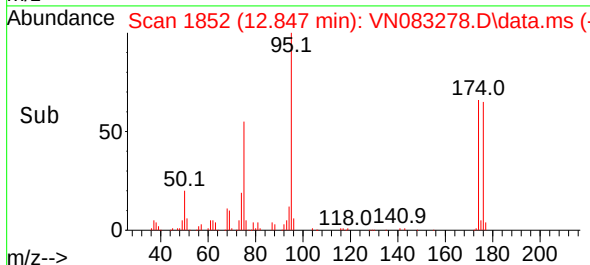
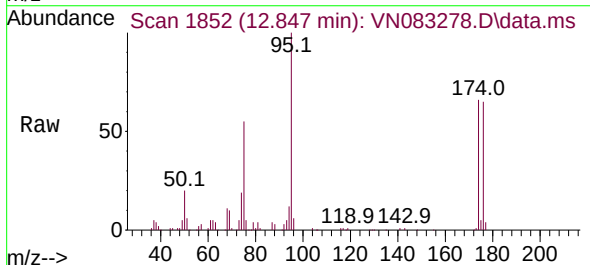


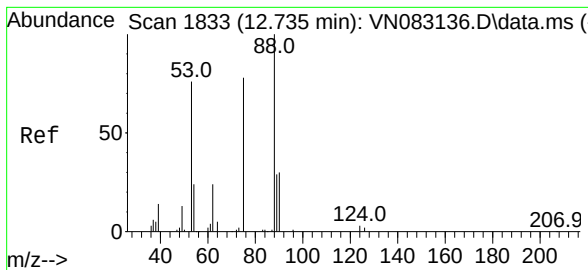
Tgt Ion:152 Resp: 133218
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.6 91.6
 150 156.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.381 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083278.D
 Acq: 14 Aug 2024 05:16

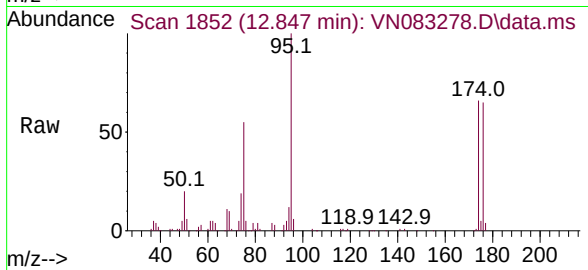
Tgt Ion: 75 Resp: 82981
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.736 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083278.D
 Acq: 14 Aug 2024 05:16

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 82981
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

