

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083584.D
 Acq On : 30 Aug 2024 18:45
 Operator : JC\MD
 Sample : P3799-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:43:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	147658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115201	55.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.640%
35) Dibromofluoromethane	8.165	113	92960	52.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	10.565	98	330857	47.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.847	95	157517	61.455	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	122.900%#

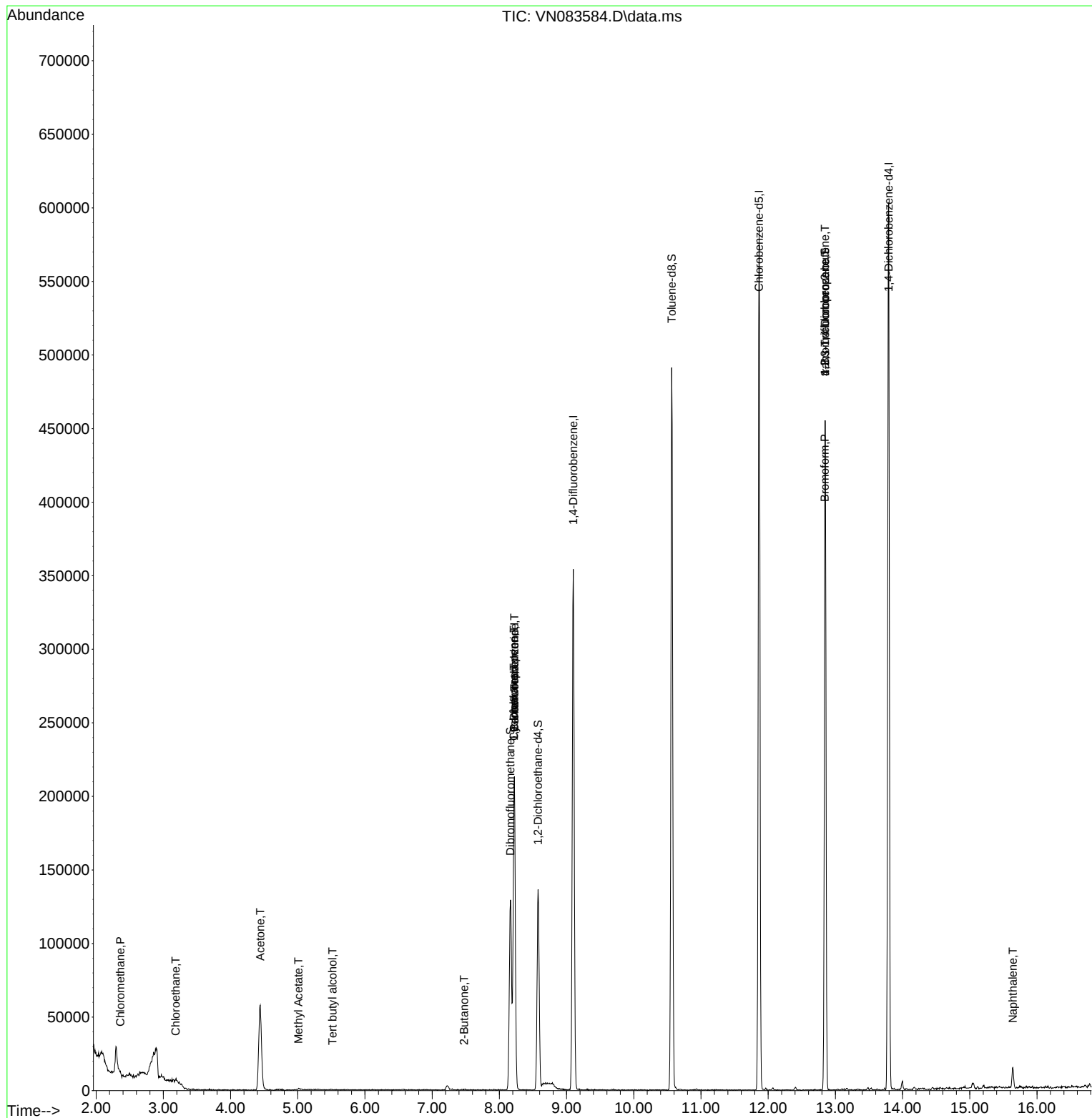
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1059	0.582	ug/l	98
6) Chloroethane	3.183	64	3483	2.926	ug/l #	45
11) Tert butyl alcohol	5.518	59	71	0.221	ug/l #	71
16) Acetone	4.442	43	3923	4.767	ug/l	92
18) Methyl Acetate	5.012	43	926	0.423	ug/l #	81
25) 2-Butanone	7.477	43	353	0.315	ug/l #	49
31) Cyclohexane	8.218	56	3946	1.236	ug/l #	33
36) 1,1-Dichloropropene	8.218	75	13554	5.001	ug/l #	52
38) Carbon Tetrachloride	8.224	117	17377	5.620	ug/l #	16
43) Isopropyl Acetate	8.653	43	4176	Below Cal	#	57
71) Bromoform	12.841	173	598	0.345	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	86539	27.373	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86539	64.561	ug/l #	9
95) Naphthalene	15.641	128	12616	1.246	ug/l	98

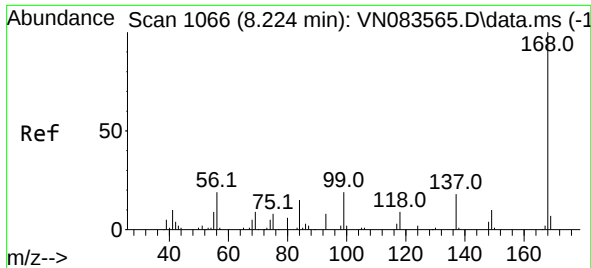
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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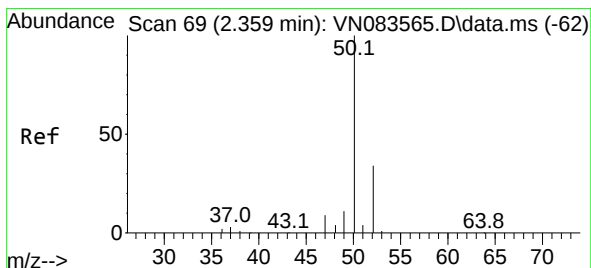
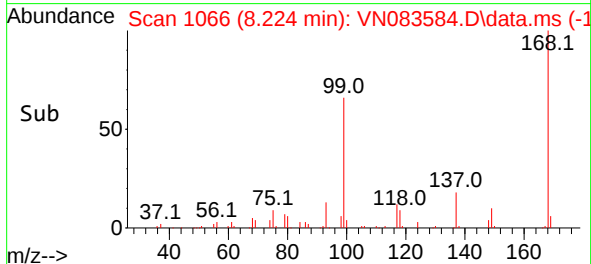
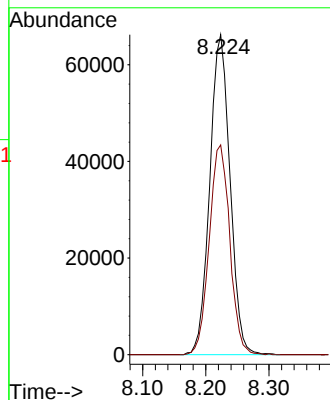
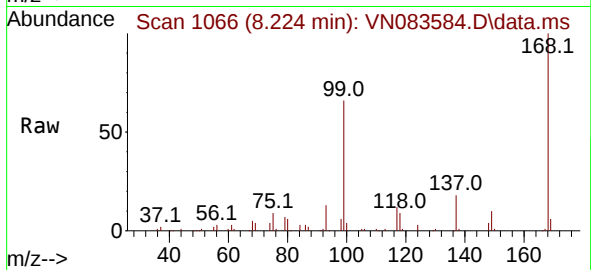




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

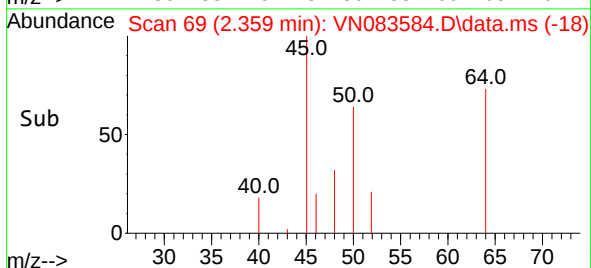
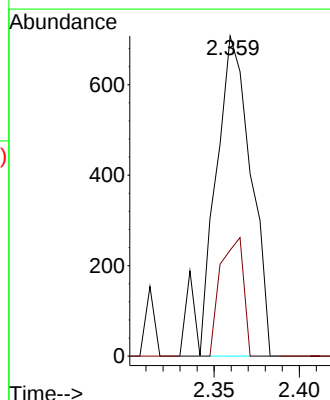
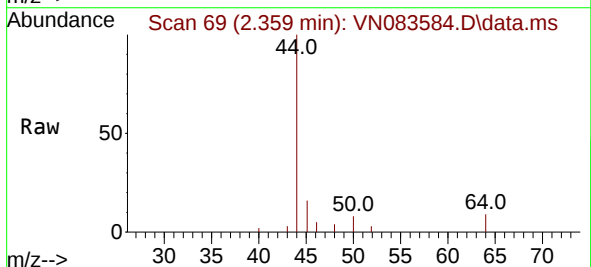
Instrument :
MSVOA_N
ClientSampleId :

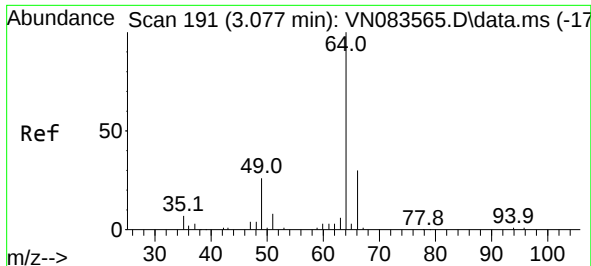
Tgt Ion:168 Resp: 147658
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#3
Chloromethane
Concen: 0.582 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion: 50 Resp: 1059
Ion Ratio Lower Upper
50 100
52 33.1 27.2 40.8

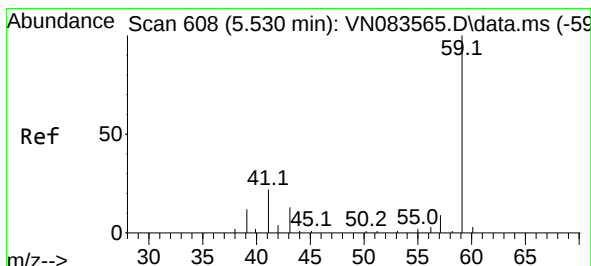
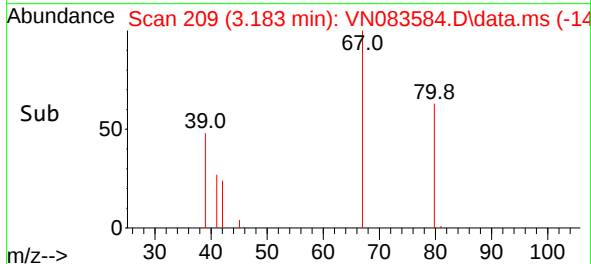
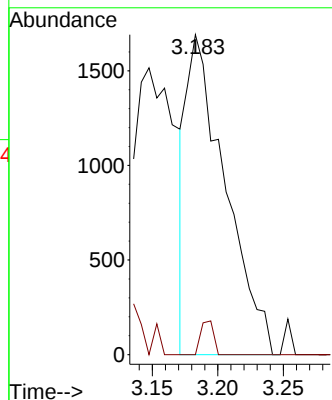
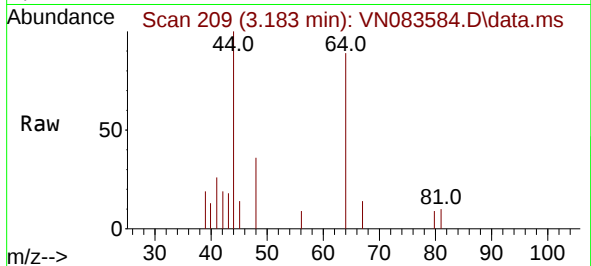




#6
Chloroethane
Concen: 2.926 ug/l
RT: 3.183 min Scan# 209
Delta R.T. 0.106 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

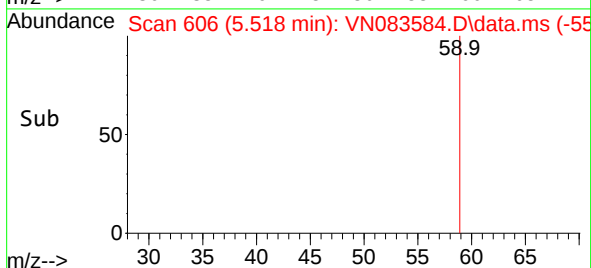
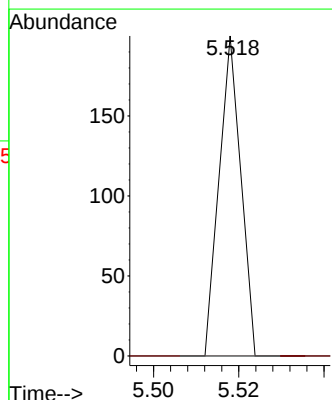
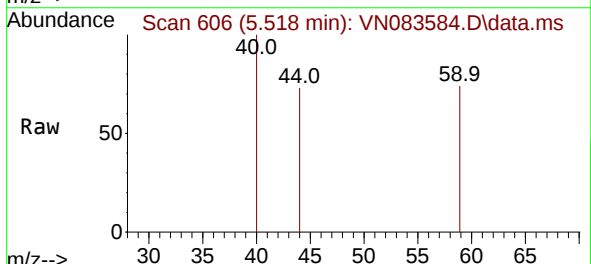
Instrument :
MSVOA_N
ClientSampleId :

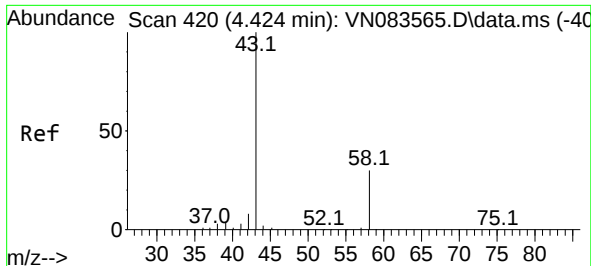
Tgt Ion: 64 Resp: 3483
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#11
Tert butyl alcohol
Concen: 0.221 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

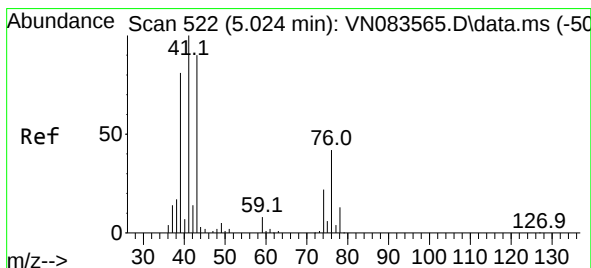
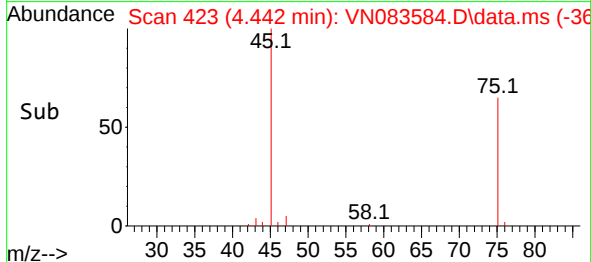
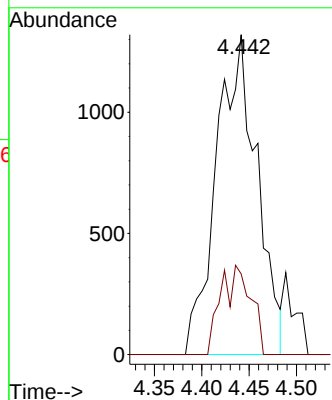
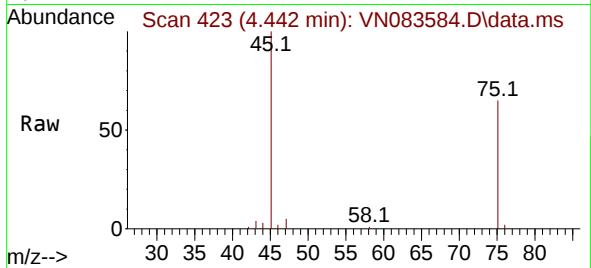




#16
Acetone
Concen: 4.767 ug/l
RT: 4.442 min Scan# 431
Delta R.T. 0.018 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

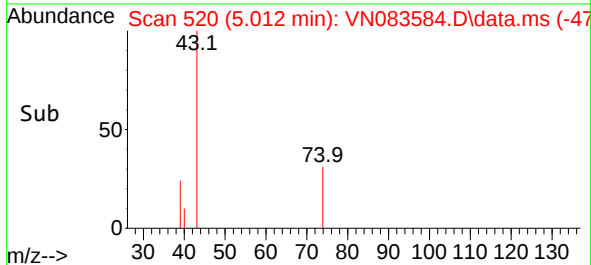
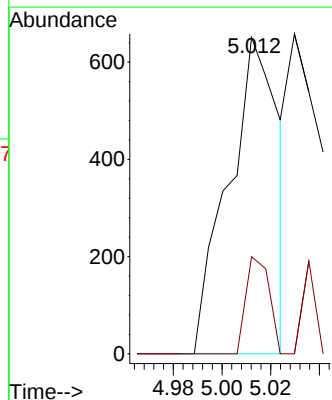
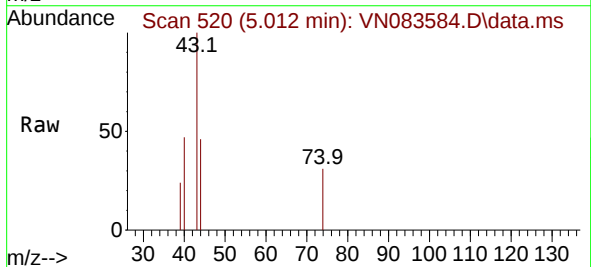
Instrument :
MSVOA_N
ClientSampleId :

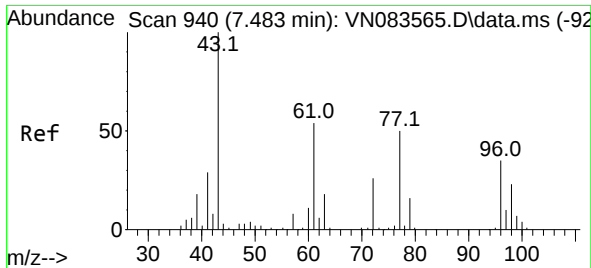
Tgt Ion: 43 Resp: 3923
Ion Ratio Lower Upper
43 100
58 25.2 23.7 35.5



#18
Methyl Acetate
Concen: 0.423 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
74 14.3 19.0 28.4#

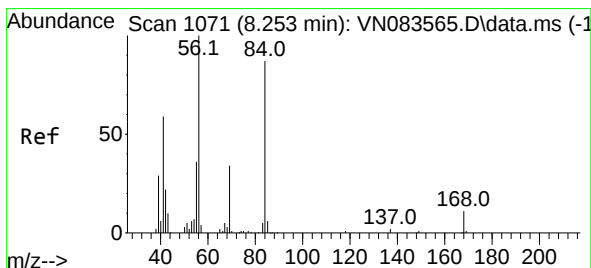
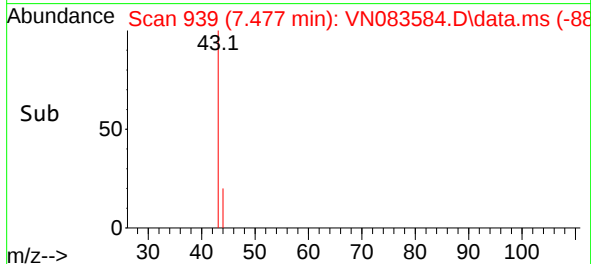
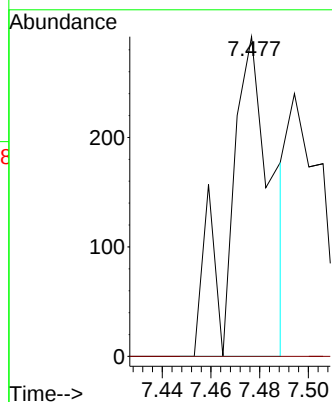
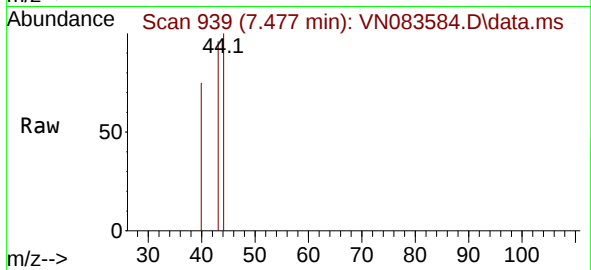




#25
2-Butanone
Concen: 0.315 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

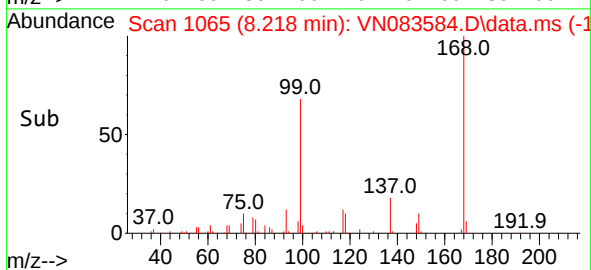
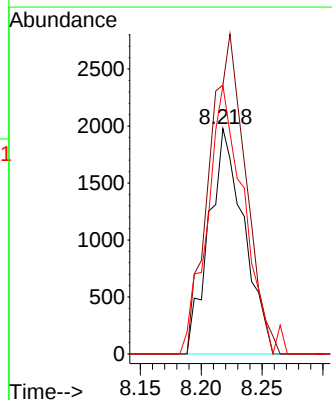
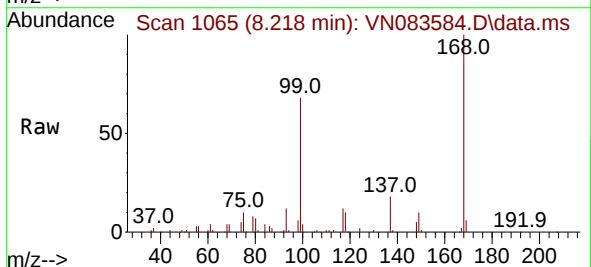
Instrument :
MSVOA_N
ClientSampleId :

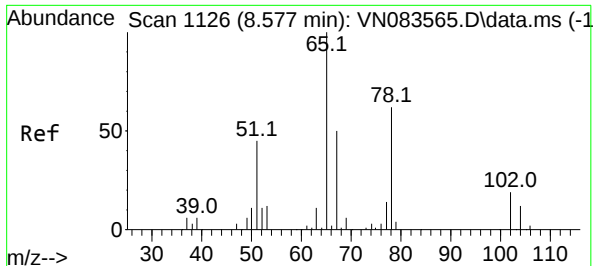
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion: 56 Resp: 3946
Ion Ratio Lower Upper
56 100
69 119.3 26.9 40.3#
84 118.9 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 55.824 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083584.D

Acq: 30 Aug 2024 18:45

Instrument :

MSVOA_N

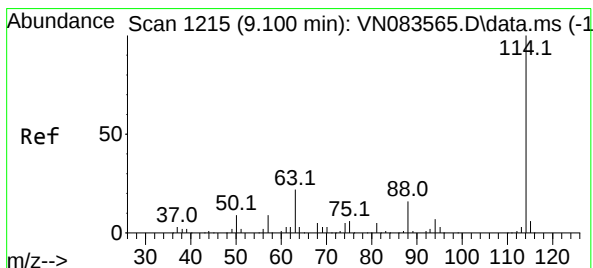
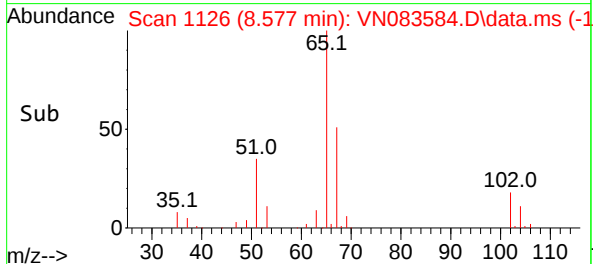
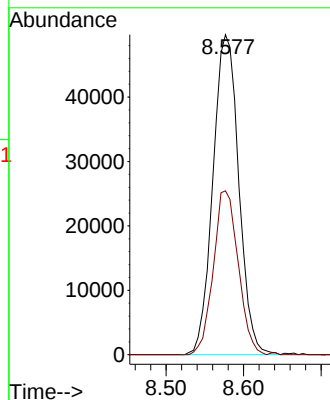
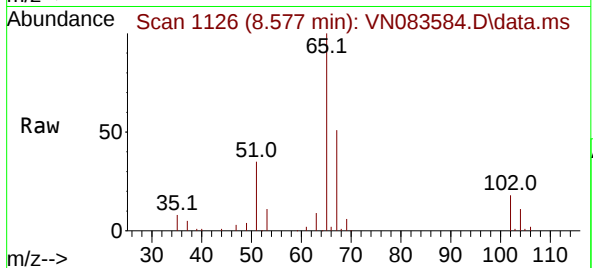
ClientSampleId :

Tgt Ion: 65 Resp: 115201

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083584.D

Acq: 30 Aug 2024 18:45

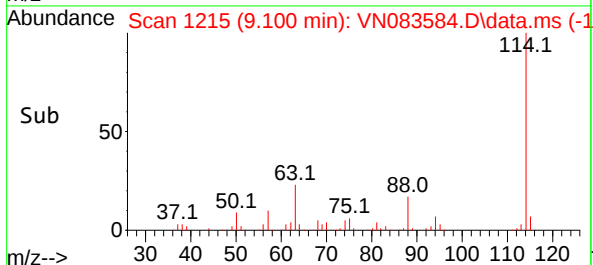
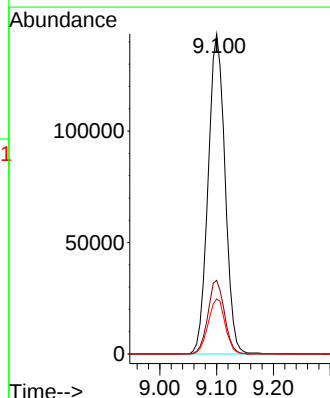
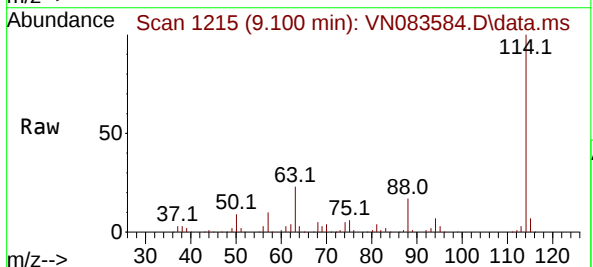
Tgt Ion: 114 Resp: 295206

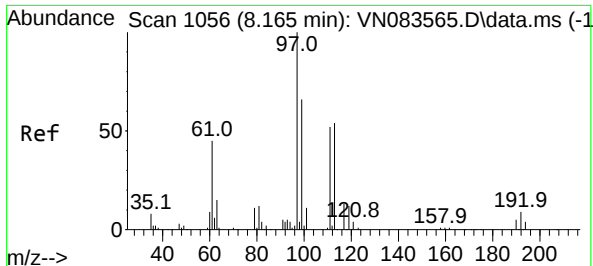
Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.2 0.0 32.6

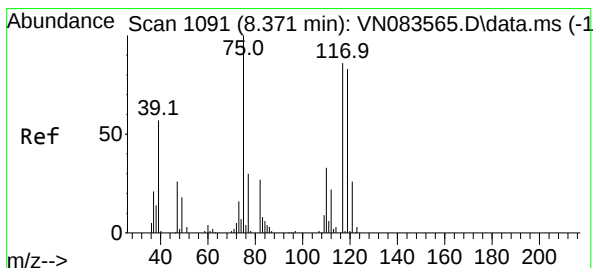
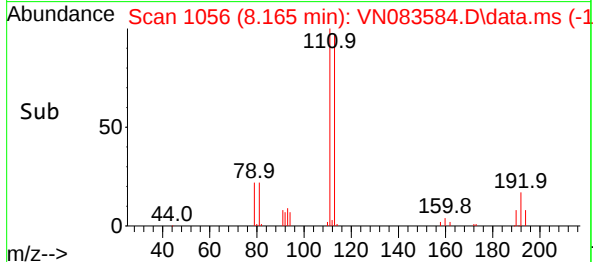
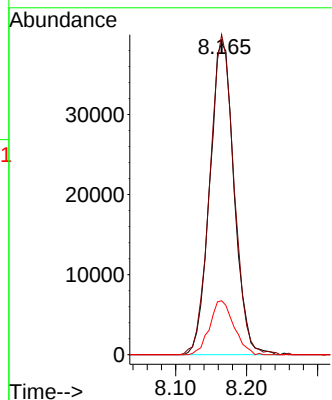
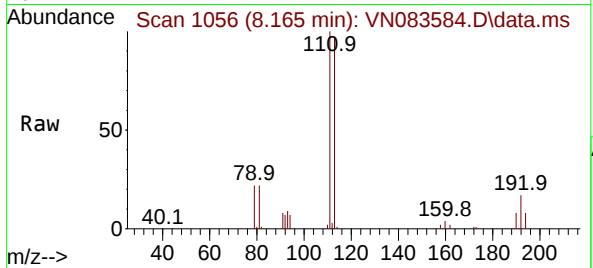




#35
 Dibromofluoromethane
 Concen: 52.319 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN083584.D
 Acq: 30 Aug 2024 18:45

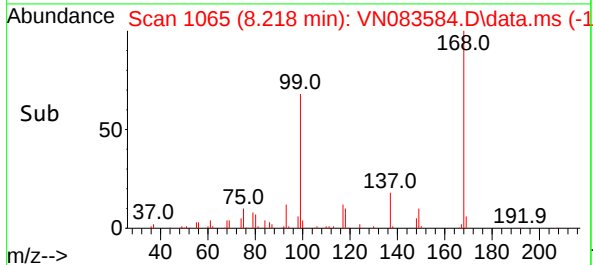
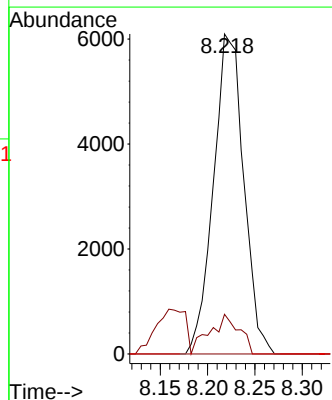
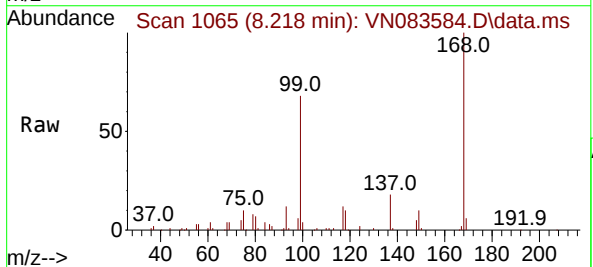
Instrument :
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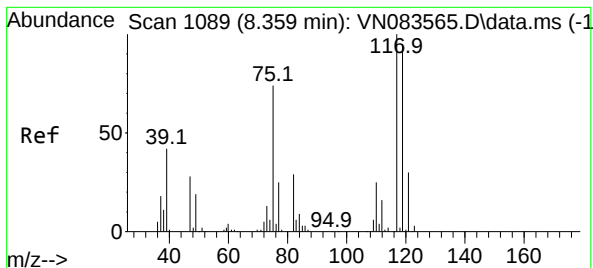
Tgt Ion: 113 Resp: 92960
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 124.0
 192 17.1 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN083584.D
 Acq: 30 Aug 2024 18:45

Tgt Ion: 75 Resp: 13554
 Ion Ratio Lower Upper
 75 100
 110 11.2 16.7 50.1#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.620 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

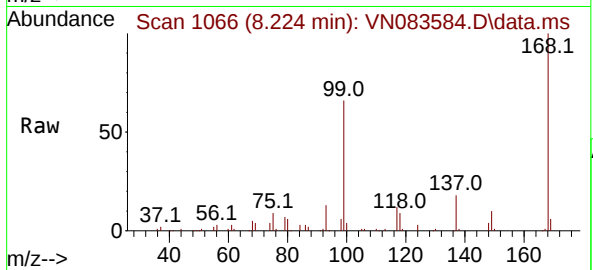
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Acq: 30 Aug 2024 18:45

Instrument :

MSVOA_N

ClientSampleId :



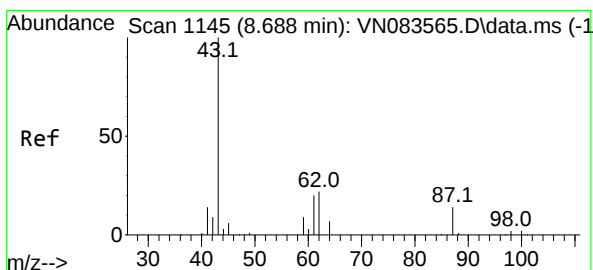
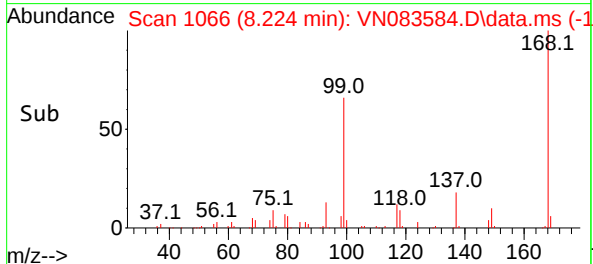
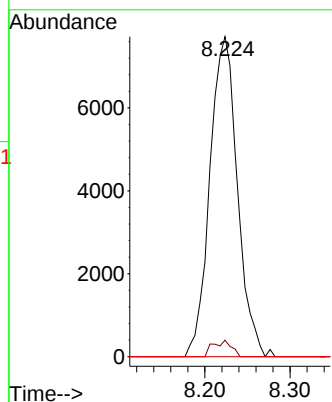
Tgt Ion:117 Resp: 17377

Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.1 36.1#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.653 min Scan# 1139

Delta R.T. -0.035 min

Lab File: VN083584.D

Acq: 30 Aug 2024 18:45

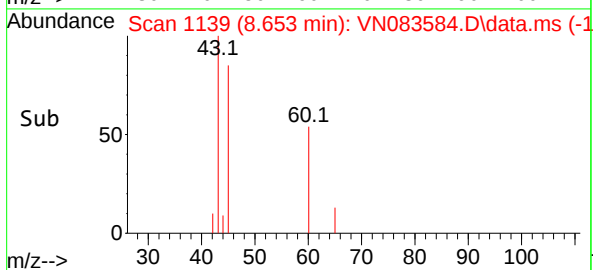
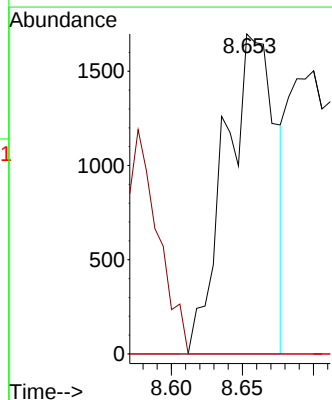
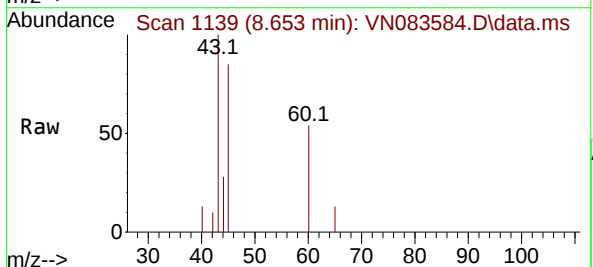
Tgt Ion: 43 Resp: 4176

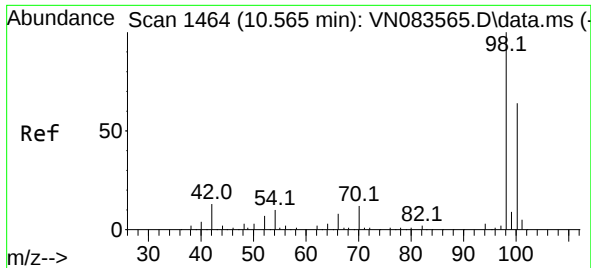
Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#

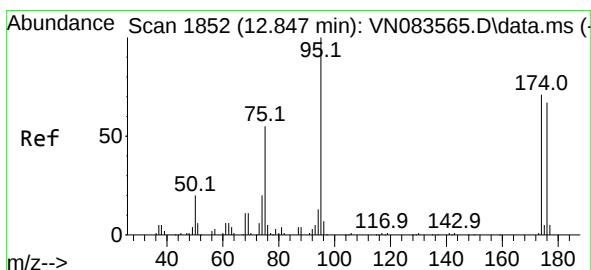
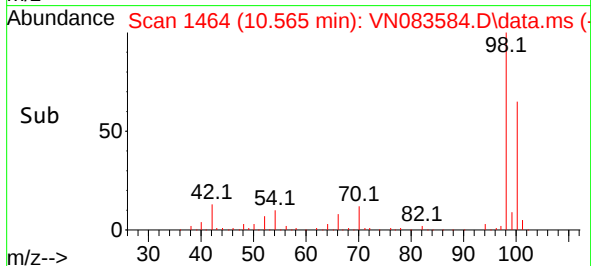
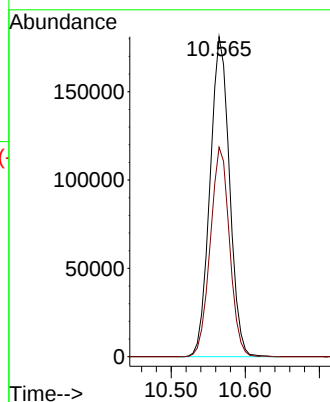
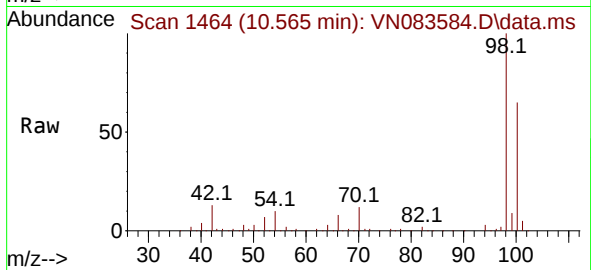




#50
Toluene-d8
Concen: 47.815 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

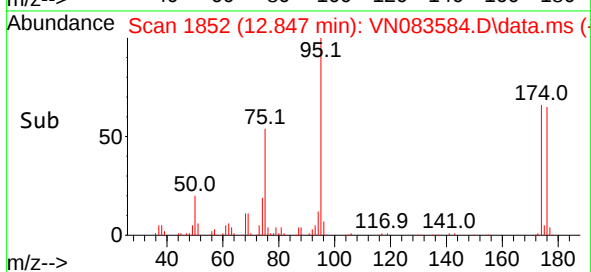
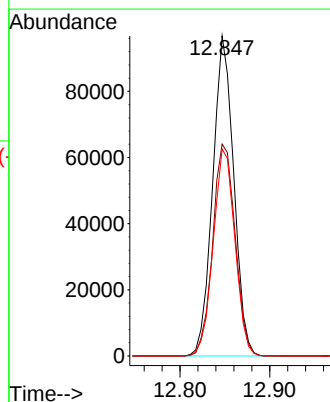
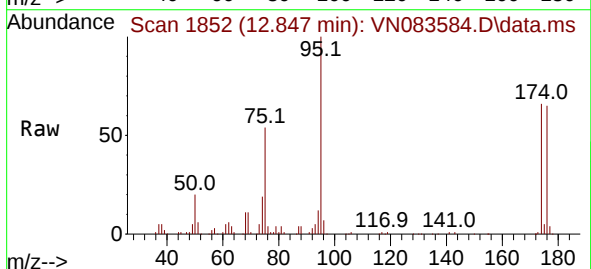
Instrument :
MSVOA_N
ClientSampleId :

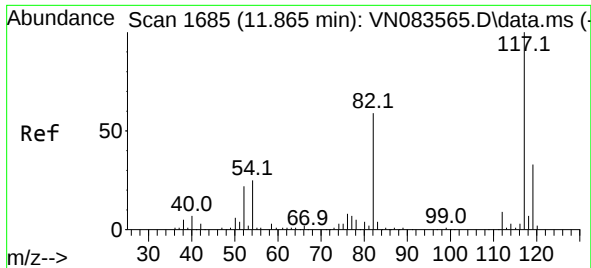
Tgt Ion: 98 Resp: 330857
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.455 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion: 95 Resp: 157517
Ion Ratio Lower Upper
95 100
174 70.7 0.0 139.8
176 66.6 0.0 131.4

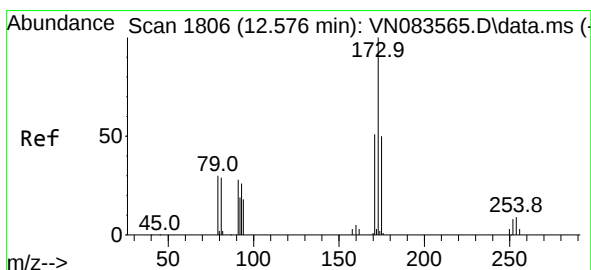
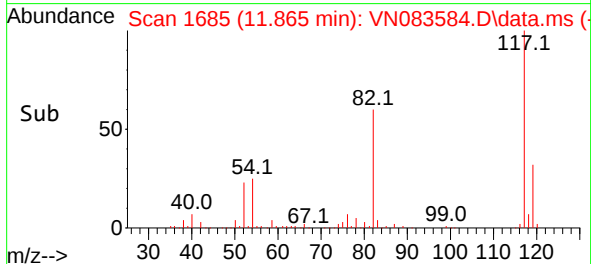
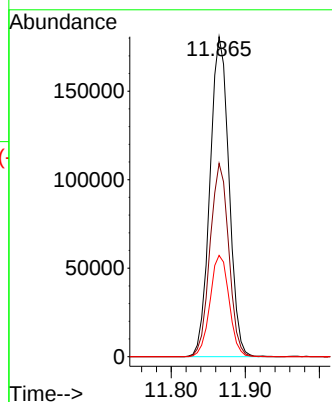
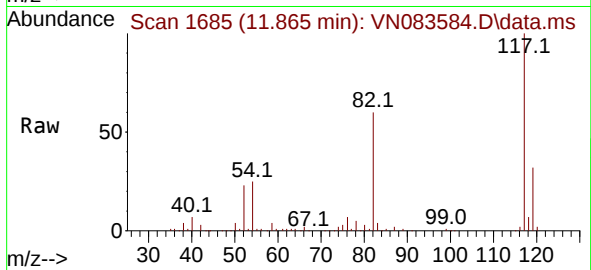




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

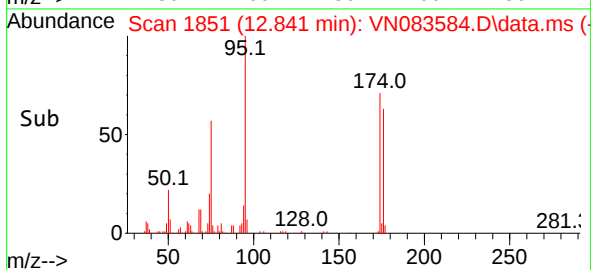
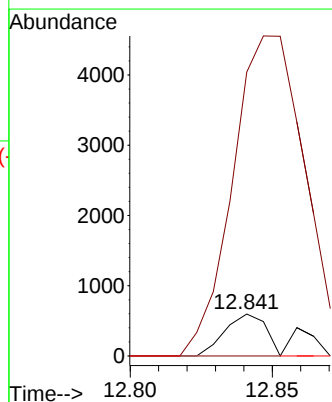
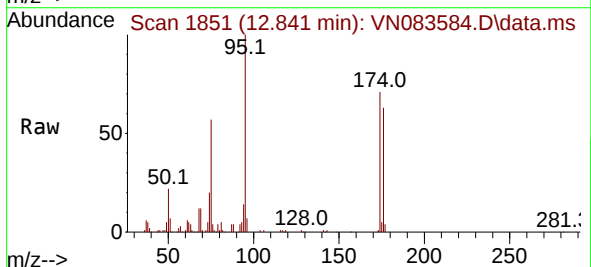
Instrument :
MSVOA_N
ClientSampleId :

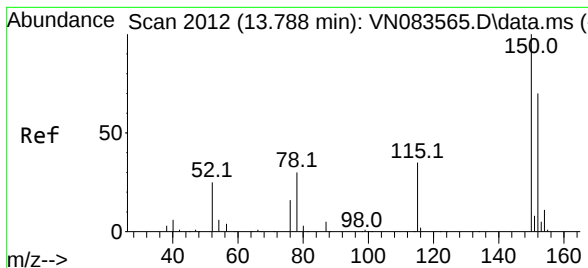
Tgt Ion:117 Resp: 321324
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.0
119 31.6 26.3 39.5



#71
Bromoform
Concen: 0.345 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

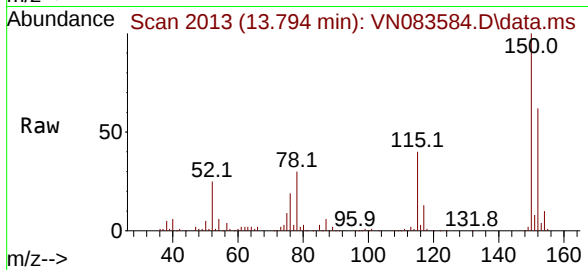
Tgt Ion:173 Resp: 598
Ion Ratio Lower Upper
173 100
175 979.3 24.1 72.2#
254 0.0 0.0 0.0



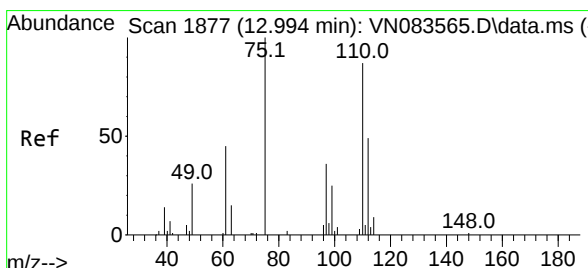
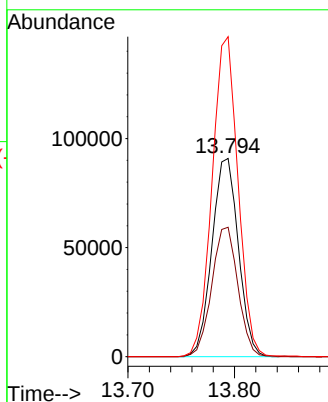
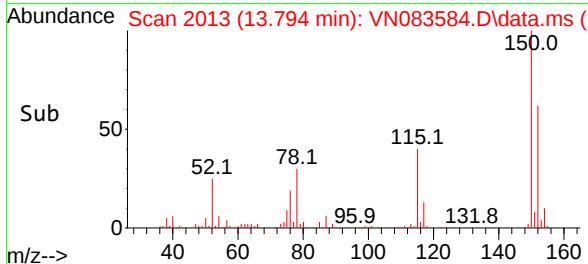


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN083584.D
 Acq: 30 Aug 2024 18:45

Instrument :
 MSVOA_N
 ClientSampleId :

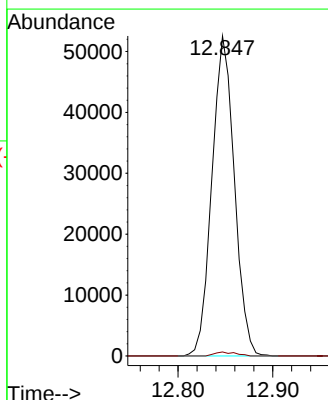
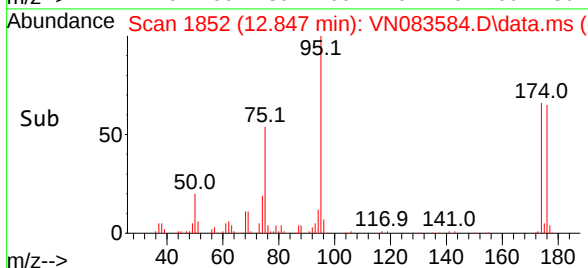
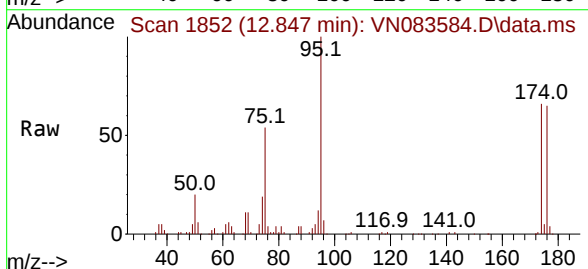


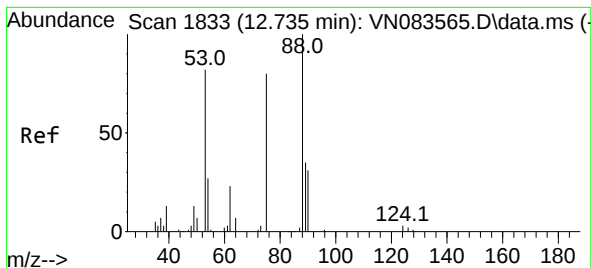
Tgt Ion:152 Resp: 156588
 Ion Ratio Lower Upper
 152 100
 115 64.7 32.2 96.6
 150 158.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.373 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083584.D
 Acq: 30 Aug 2024 18:45

Tgt Ion: 75 Resp: 86539
 Ion Ratio Lower Upper
 75 100
 77 1.2 95.2 285.6#

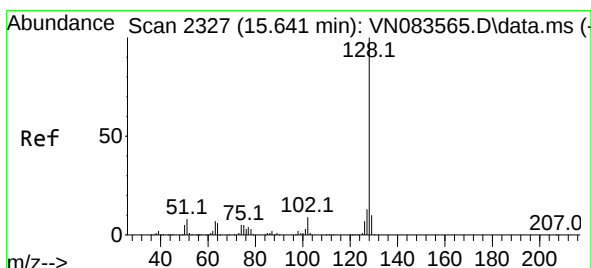
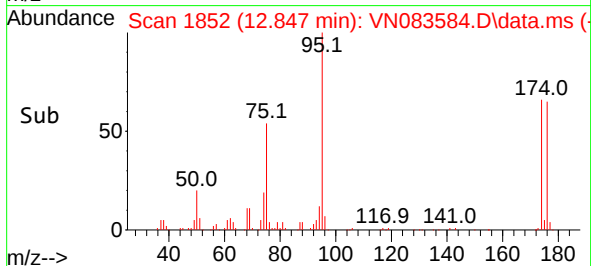
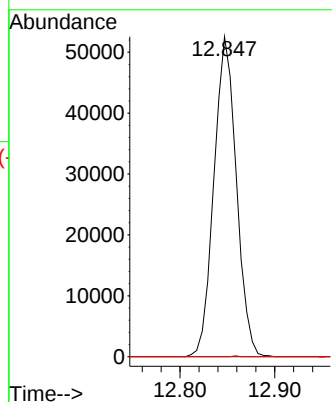
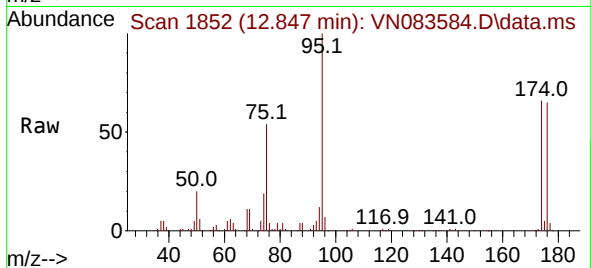




#81
trans-1,4-Dichloro-2-butene
Concen: 64.561 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 86539
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#



#95
Naphthalene
Concen: 1.246 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083584.D
Acq: 30 Aug 2024 18:45

Tgt Ion:128 Resp: 12616
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.2
129 10.6 8.7 13.1

