

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081795.D
 Acq On : 18 Apr 2024 18:18
 Operator : JC\MD
 Sample : P2121-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1348

Quant Time: Apr 19 02:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

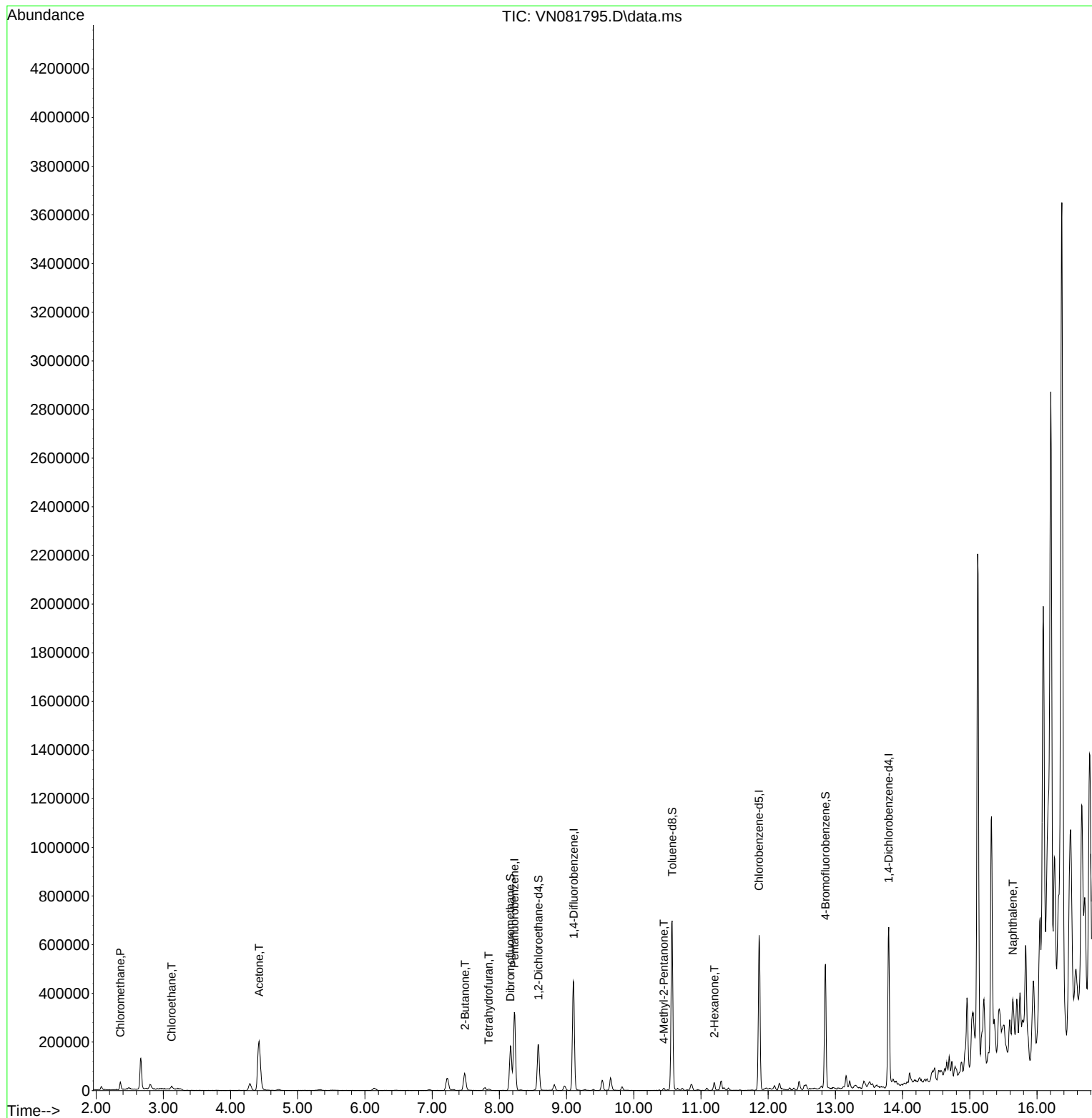
Internal Standards						
1) Pentafluorobenzene	8.224	168	223301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	397764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157235	50.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.080%	
35) Dibromofluoromethane	8.165	113	126230	48.058	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.120%	
50) Toluene-d8	10.570	98	480686	49.676	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.853	95	177520	53.686	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	25535	8.341	ug/l	94
6) Chloroethane	3.124	64	9448	2.387	ug/l	90
16) Acetone	4.424	43	380075	434.593	ug/l	98
25) 2-Butanone	7.488	43	106404	73.803	ug/l	89
29) Tetrahydrofuran	7.841	42	4254	4.561	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	6759	2.166	ug/l	95
59) 2-Hexanone	11.200	43	19771	8.752	ug/l	97
95) Naphthalene	15.641	128	124306	12.648	ug/l #	93

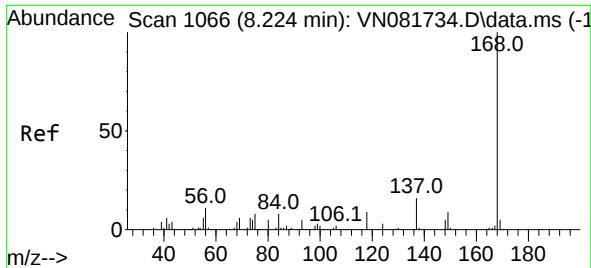
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

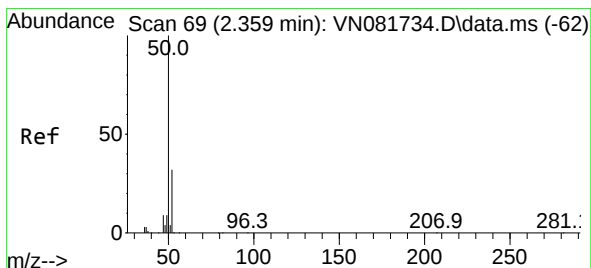
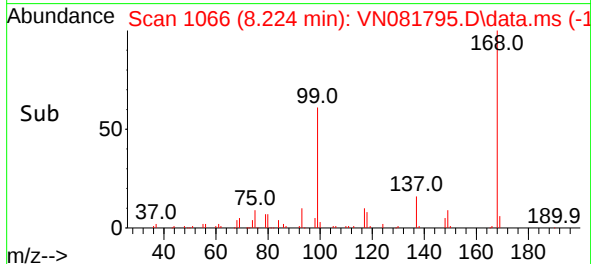
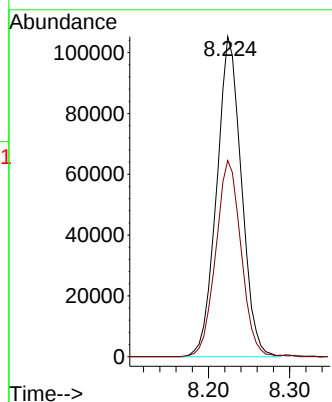
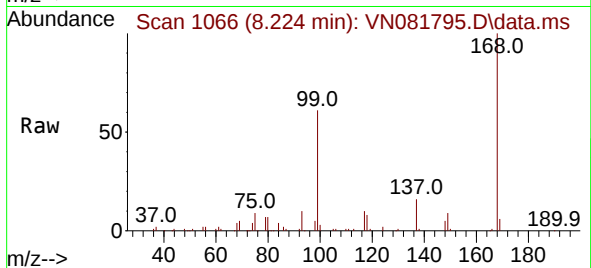




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

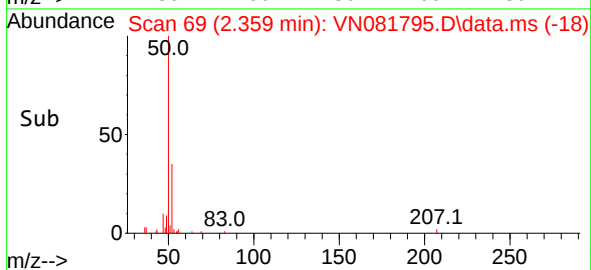
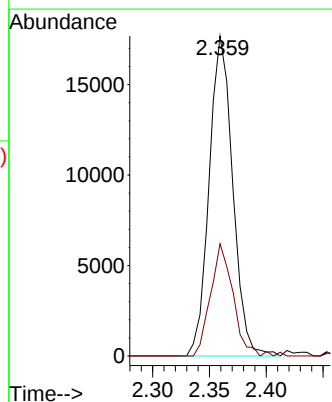
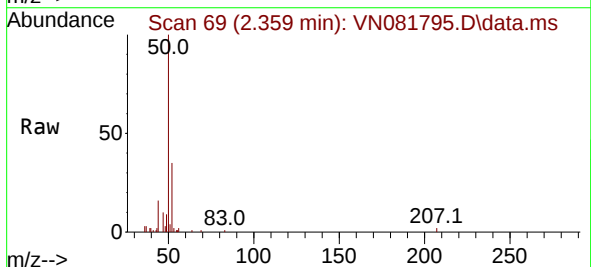
Instrument :
MSVOA_N
ClientSampleId :
1348

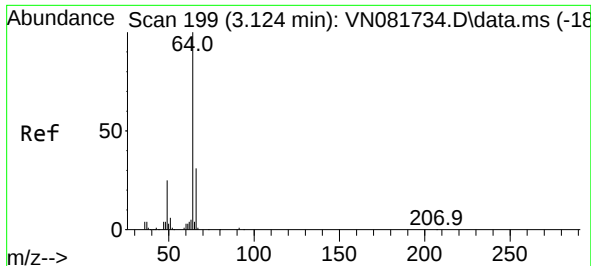
Tgt Ion:168 Resp: 223301
Ion Ratio Lower Upper
168 100
99 61.3 48.2 72.4



#3
Chloromethane
Concen: 8.341 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 50 Resp: 25535
Ion Ratio Lower Upper
50 100
52 35.0 25.5 38.3

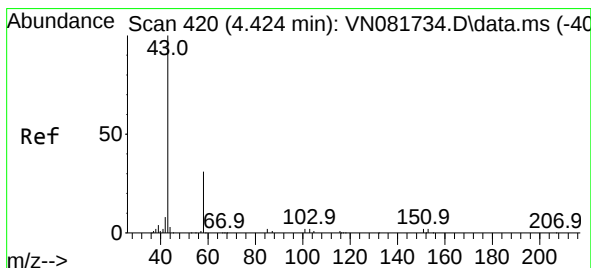
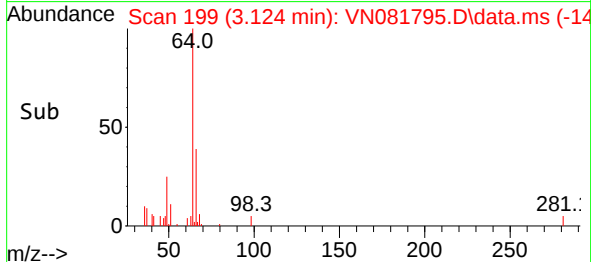
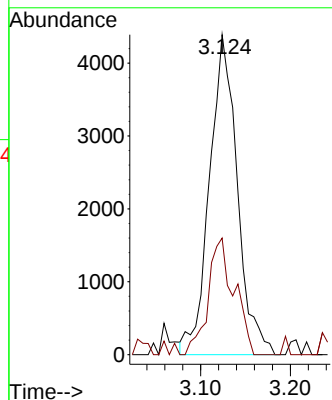
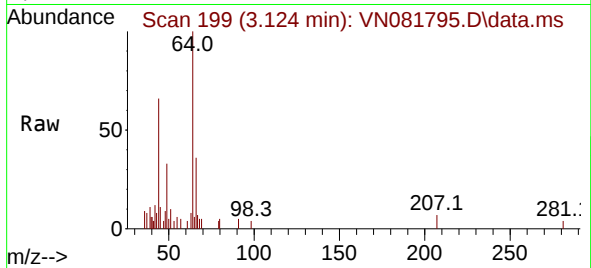




#6
Chloroethane
Concen: 2.387 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

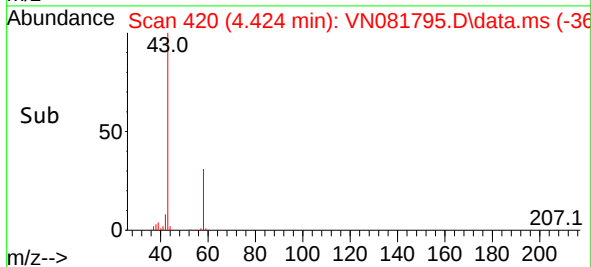
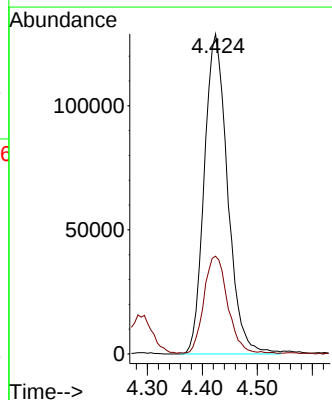
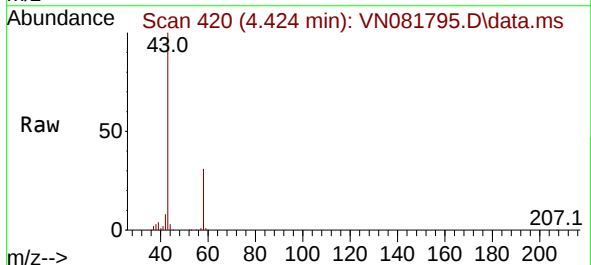
Instrument :
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ClientSampleId :
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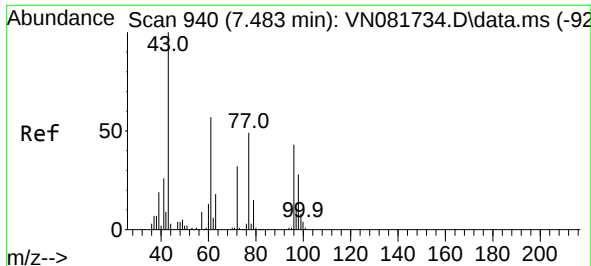
Tgt Ion: 64 Resp: 9448
Ion Ratio Lower Upper
64 100
66 36.4 24.7 37.1



#16
Acetone
Concen: 434.593 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 43 Resp: 380075
Ion Ratio Lower Upper
43 100
58 30.3 25.2 37.8

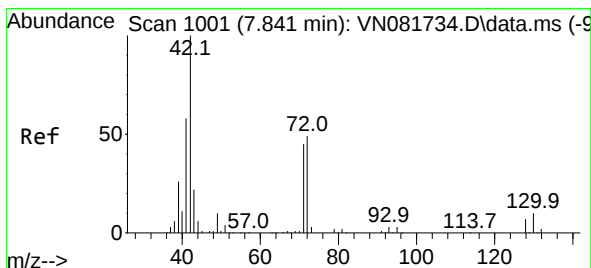
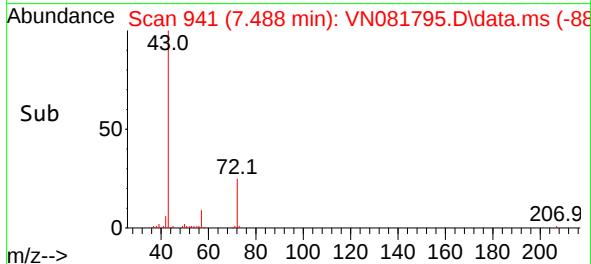
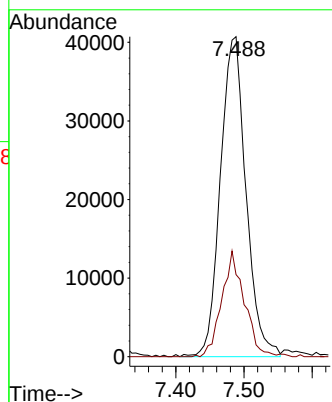
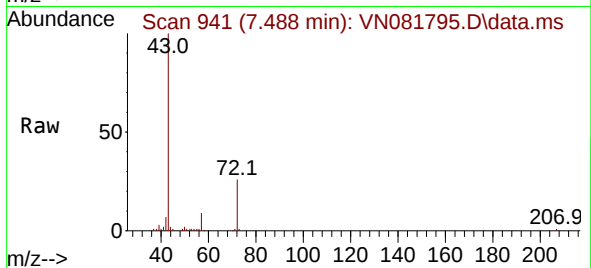




#25
2-Butanone
Concen: 73.803 ug/l
RT: 7.488 min Scan# 940
Delta R.T. 0.005 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

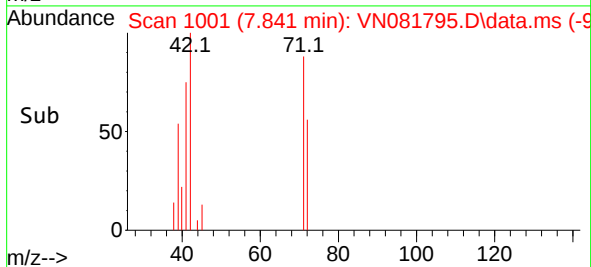
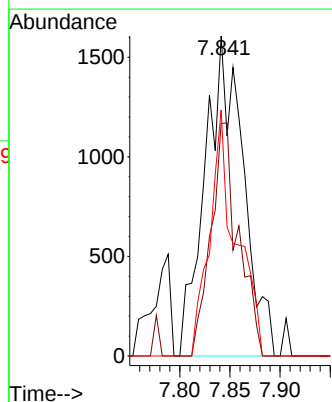
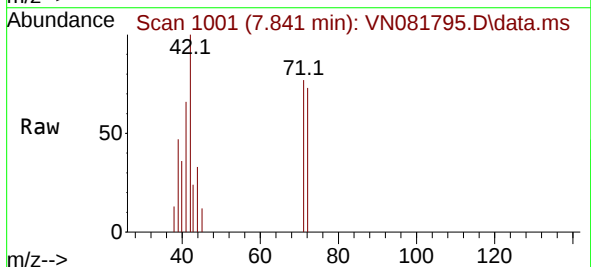
Instrument :
MSVOA_N
ClientSampleId :
1348

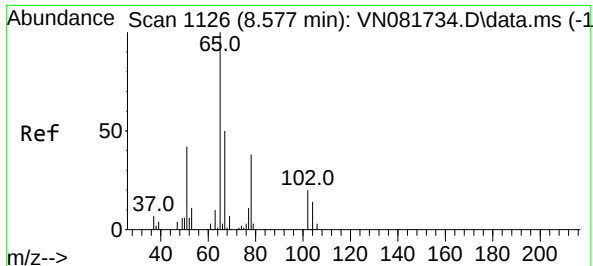
Tgt Ion: 43 Resp: 106404
Ion Ratio Lower Upper
43 100
72 25.6 25.3 37.9



#29
Tetrahydrofuran
Concen: 4.561 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 42 Resp: 4254
Ion Ratio Lower Upper
42 100
72 52.4 39.3 58.9
71 52.8 37.4 56.0

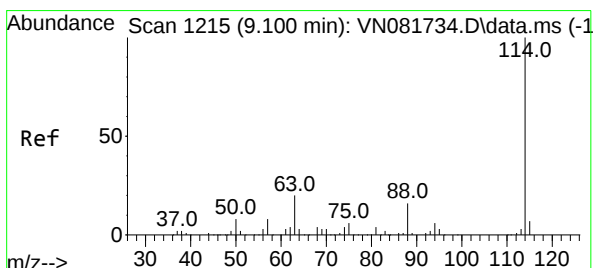
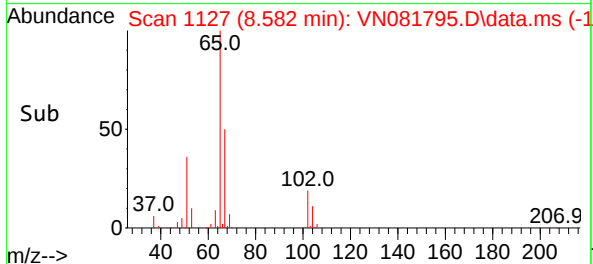
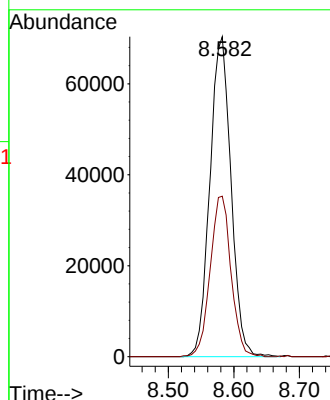
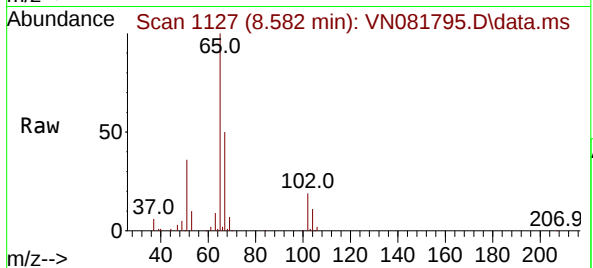




#33
1,2-Dichloroethane-d4
Concen: 50.040 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.005 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

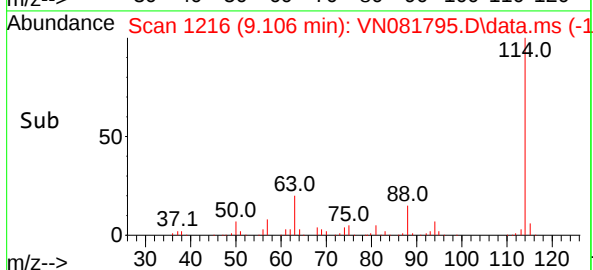
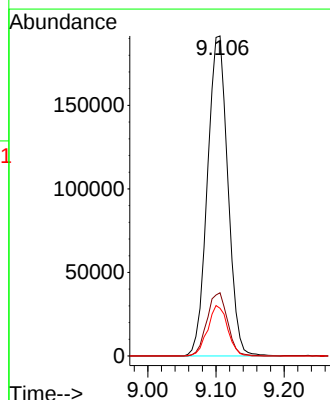
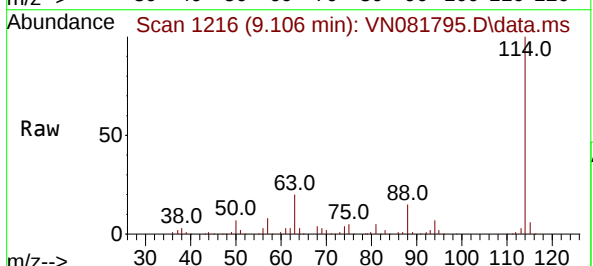
Instrument :
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ClientSampleId :
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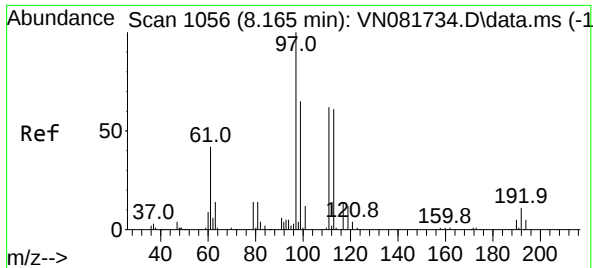
Tgt Ion: 65 Resp: 157235
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 114 Resp: 397764
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.0
88 14.9 0.0 31.4

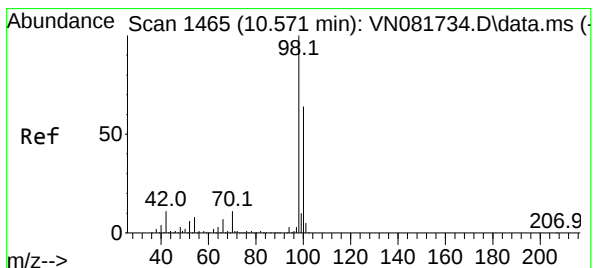
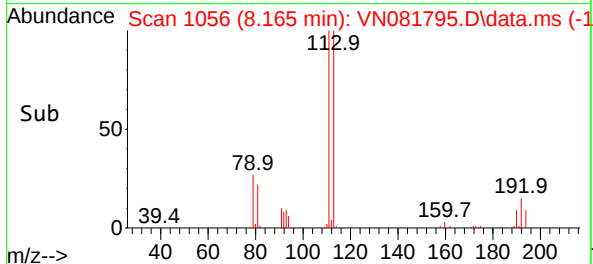
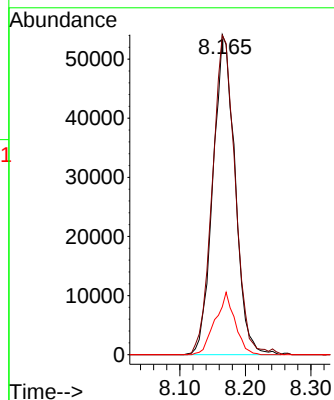
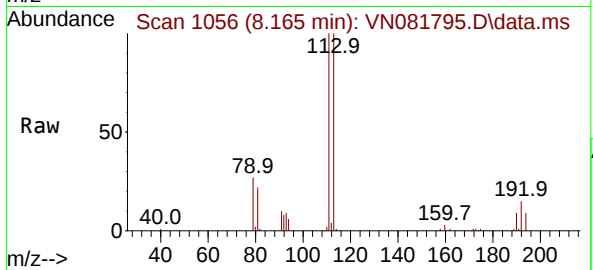




#35
Dibromofluoromethane
Concen: 48.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

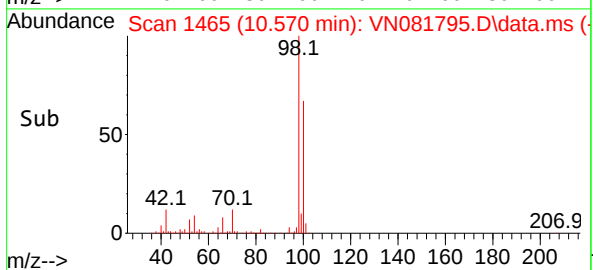
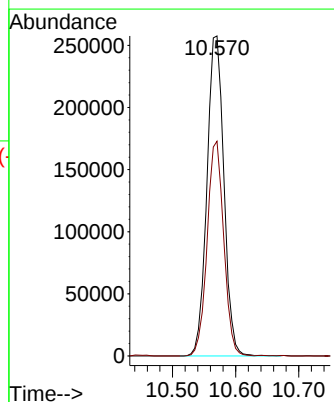
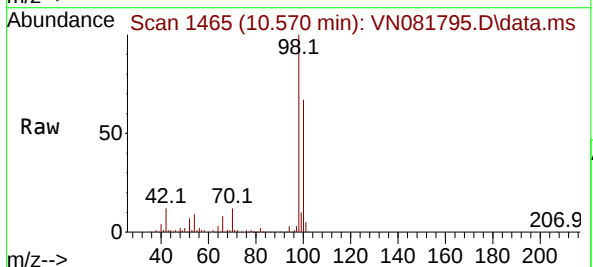
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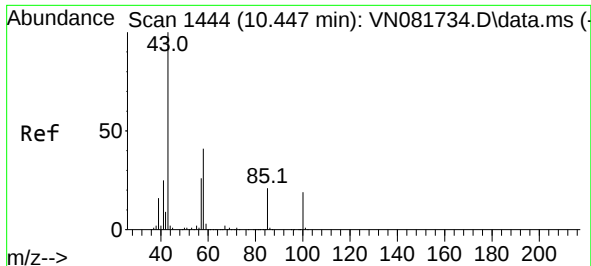
Tgt Ion:113 Resp: 126230
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 17.5 14.0 21.0



#50
Toluene-d8
Concen: 49.676 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 98 Resp: 480686
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6

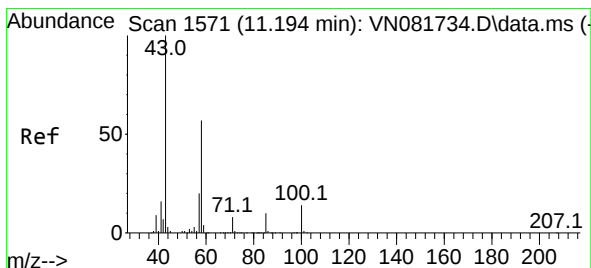
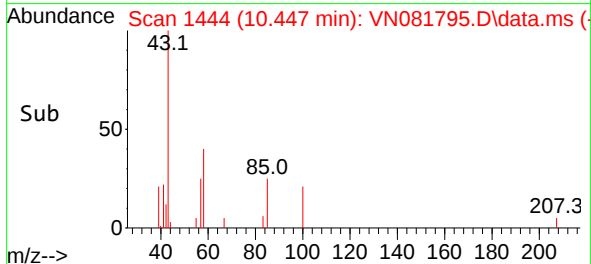
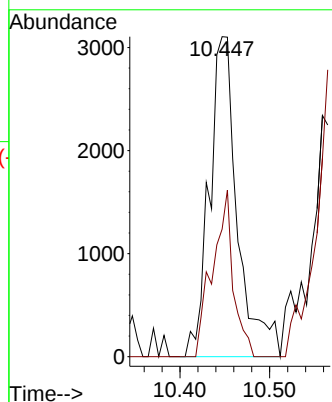
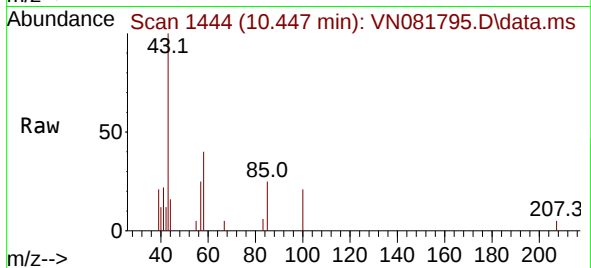




#51
4-Methyl-2-Pentanone
Concen: 2.166 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

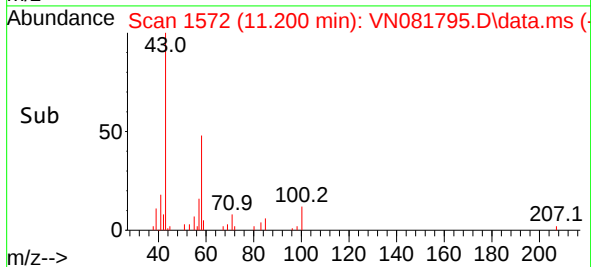
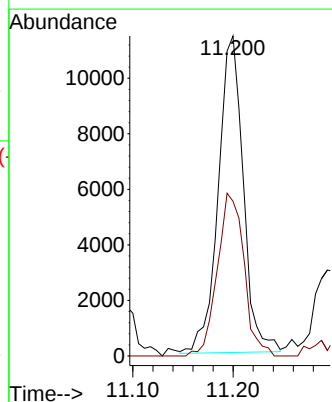
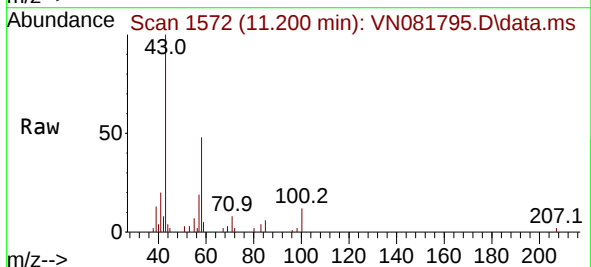
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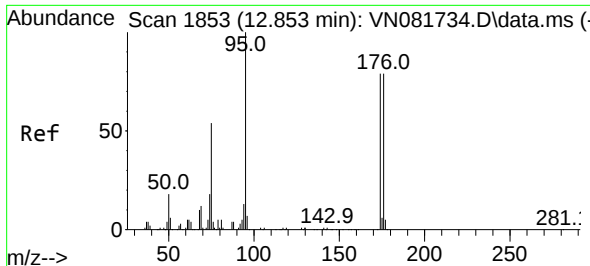
Tgt Ion: 43 Resp: 6759
Ion Ratio Lower Upper
43 100
58 38.4 33.2 49.8



#59
2-Hexanone
Concen: 8.752 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 43 Resp: 19771
Ion Ratio Lower Upper
43 100
58 54.7 28.3 84.9

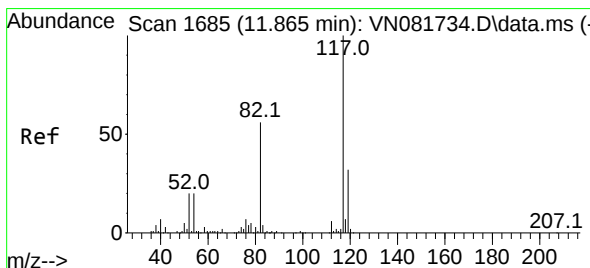
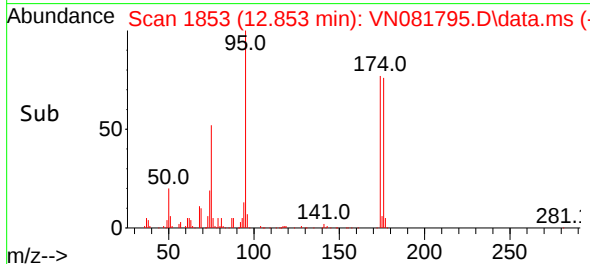
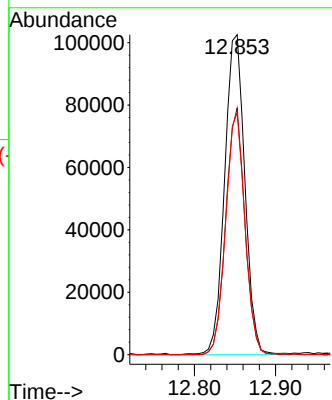
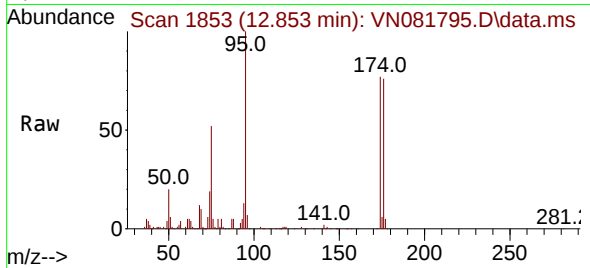




#62
4-Bromofluorobenzene
Concen: 53.686 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

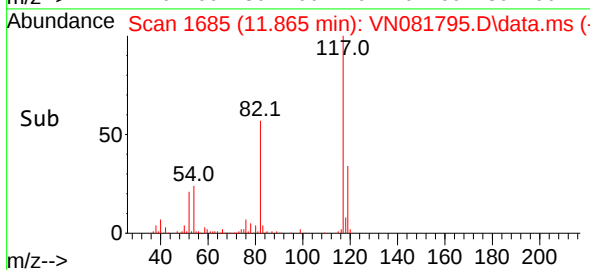
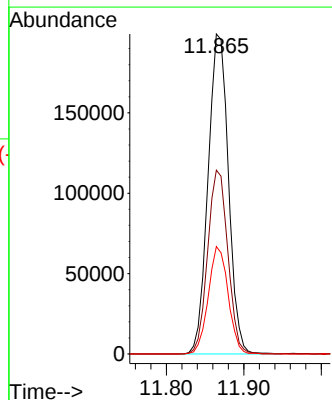
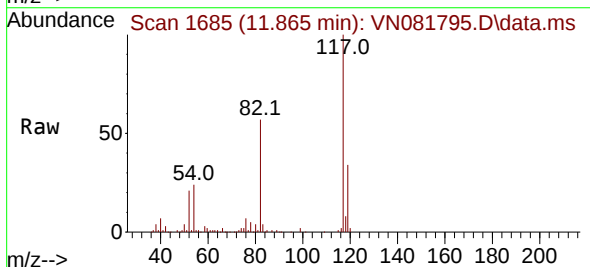
Instrument :
MSVOA_N
ClientSampleId :
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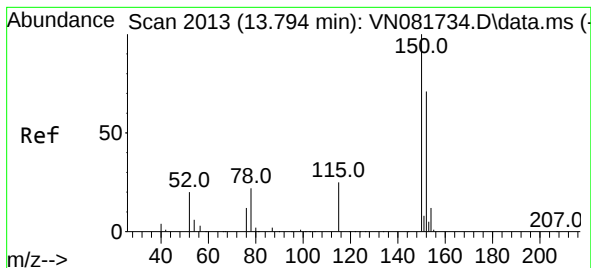
Tgt Ion: 95 Resp: 177520
Ion Ratio Lower Upper
95 100
174 72.5 0.0 160.6
176 72.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN081795.D
Acq: 18 Apr 2024 18:18

Tgt Ion: 117 Resp: 363403
Ion Ratio Lower Upper
117 100
82 57.4 44.6 66.8
119 33.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081795.D

Acq: 18 Apr 2024 18:18

Instrument :

MSVOA_N

ClientSampleId :

1348

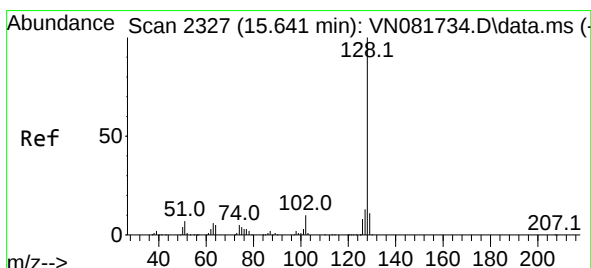
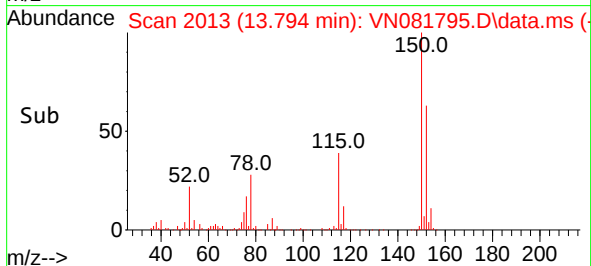
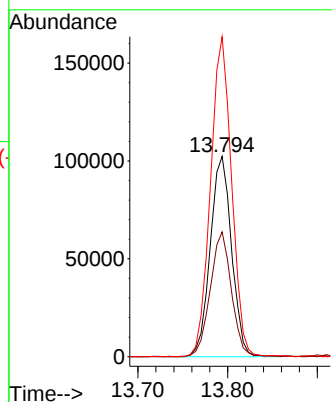
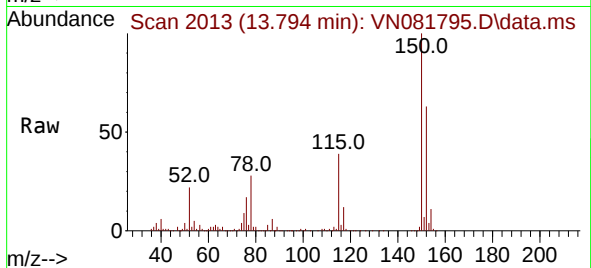
Tgt Ion:152 Resp: 168847

Ion Ratio Lower Upper

152 100

115 61.8 30.4 91.3

150 157.6 0.0 353.2



#95

Naphthalene

Concen: 12.648 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081795.D

Acq: 18 Apr 2024 18:18

Tgt Ion:128 Resp: 124306

Ion Ratio Lower Upper

128 100

127 15.7 10.1 15.1#

129 13.5 8.9 13.3#

