

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
 Data File : VD080032.D
 Acq On : 15 Nov 2024 18:34
 Operator : RP/MD
 Sample : P4834-03
 Misc : 3.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 18:36:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

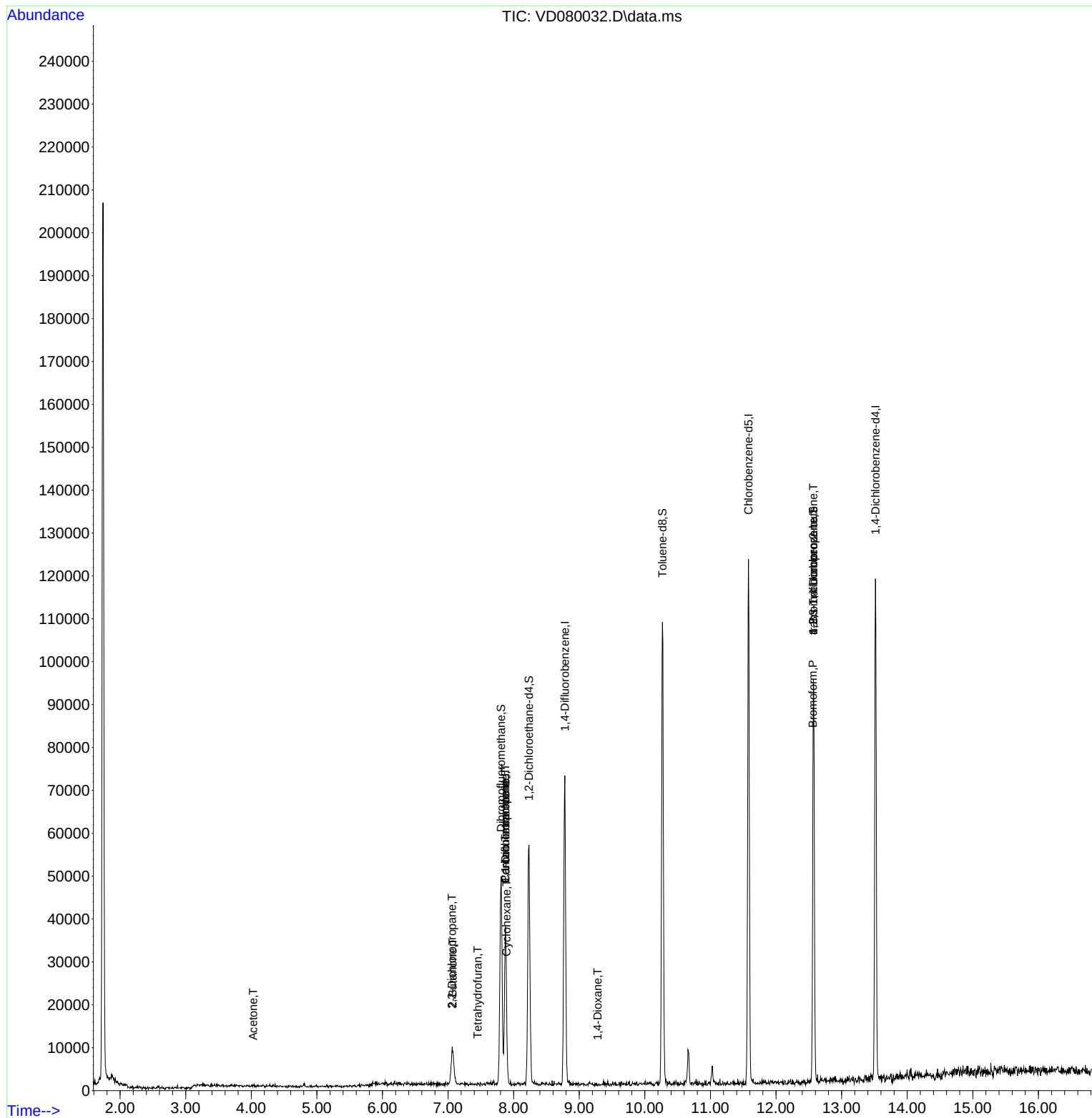
Internal Standards						
1) Pentafluorobenzene	7.875	168	29948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	64383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	73124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44304	143.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 287.360%#	
35) Dibromofluoromethane	7.810	113	35727	83.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 166.760%#	
50) Toluene-d8	10.269	98	80698	49.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.569	95	31730	59.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	82	1.226	ug/l #	43
25) 2-Butanone	7.069	43	318	3.637	ug/l #	47
26) 2,2-Dichloropropane	7.057	77	686	1.332	ug/l #	51
29) Tetrahydrofuran	7.452	42	64	1.336	ug/l #	32
31) Cyclohexane	7.893	56	687	1.368	ug/l #	71
36) 1,1-Dichloropropene	7.875	75	2347	4.006	ug/l #	42
38) Carbon Tetrachloride	7.875	117	2838	4.433	ug/l #	14
49) 1,4-Dioxane	9.281	88	54	23.059	ug/l #	21
71) Bromoform	12.563	173	356	1.087	ug/l #	28
76) 1,2,3-Trichloropropane	12.569	75	15524	52.611	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	15524	107.676	ug/l #	15

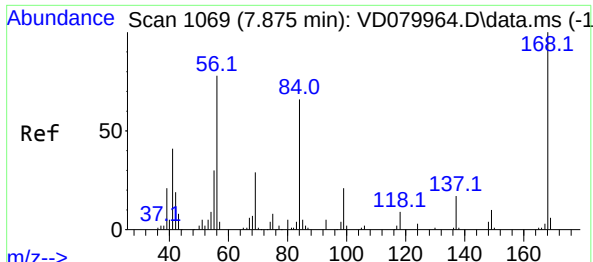
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111524\
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MSVOA_D
ClientSampleId :

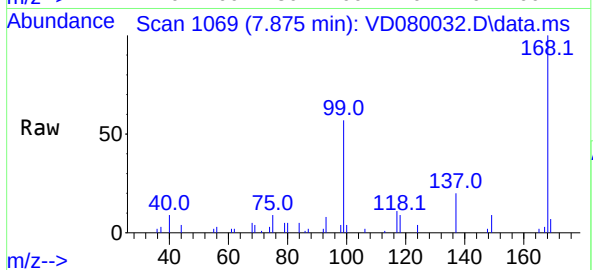
Quant Time: Nov 15 18:36:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration



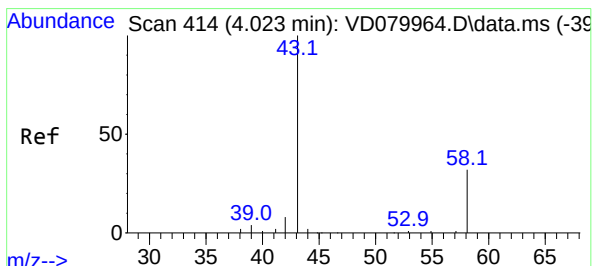
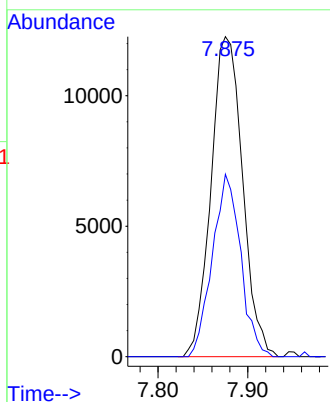
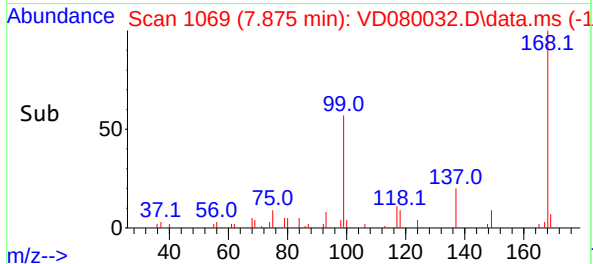


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

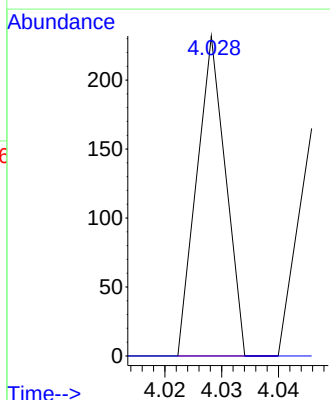
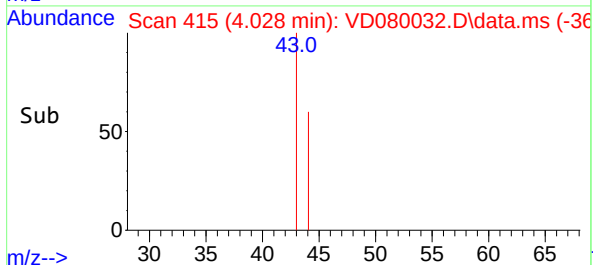
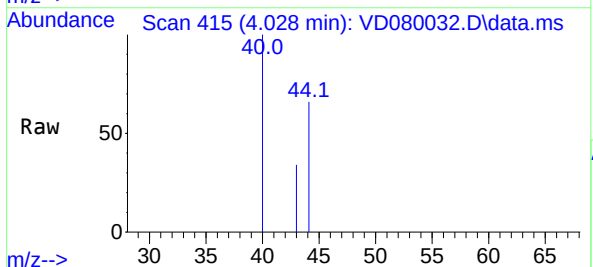


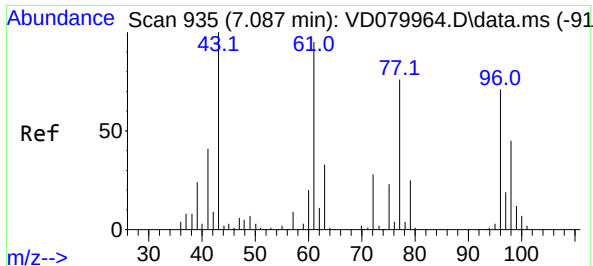
Tgt Ion:168 Resp: 29948
Ion Ratio Lower Upper
168 100
99 57.0 46.0 69.0



#16
Acetone
Concen: 1.226 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

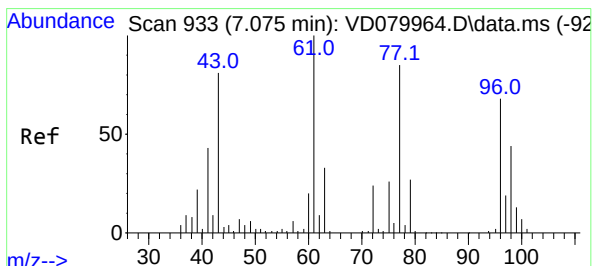
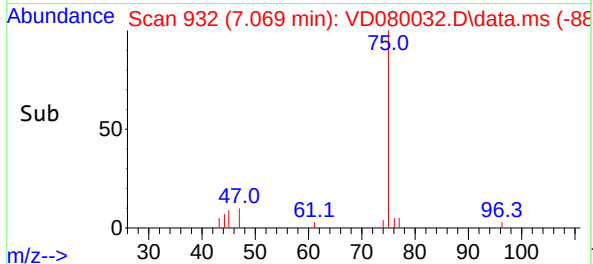
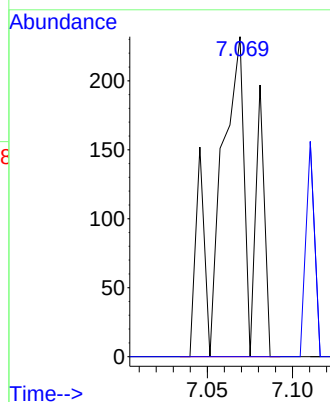
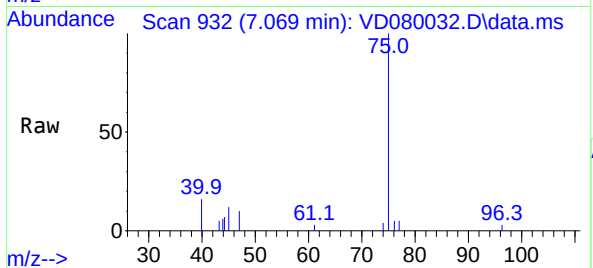




#25
2-Butanone
Concen: 3.637 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

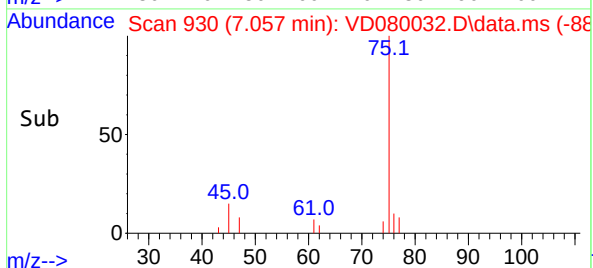
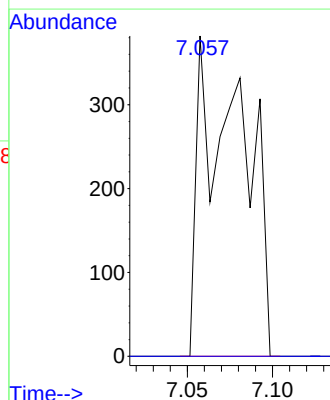
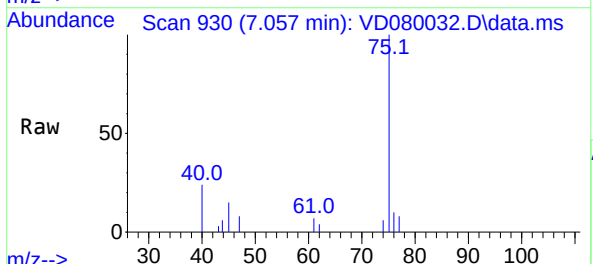
Instrument :
MSVOA_D
ClientSampleId :

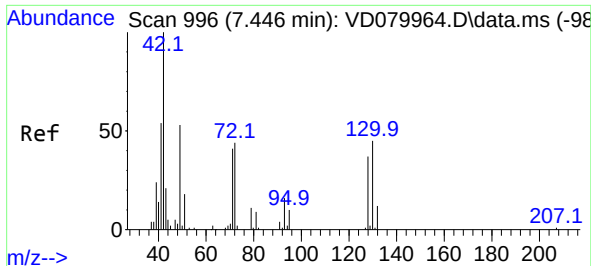
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#26
2,2-Dichloropropane
Concen: 1.332 ug/l
RT: 7.057 min Scan# 930
Delta R.T. -0.018 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

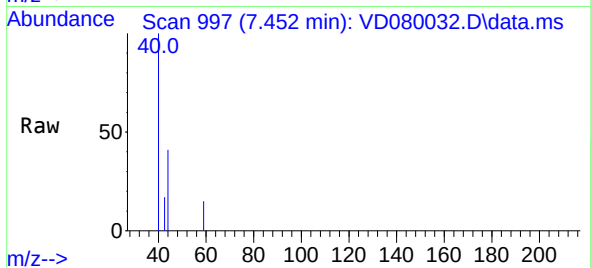
Tgt Ion: 77 Resp: 686
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.9#



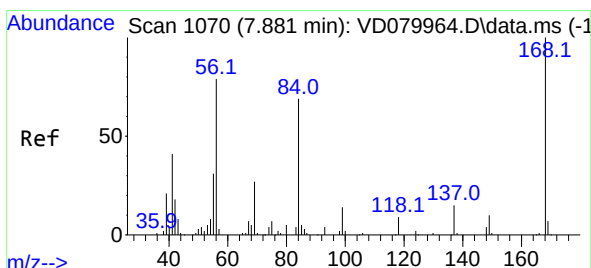
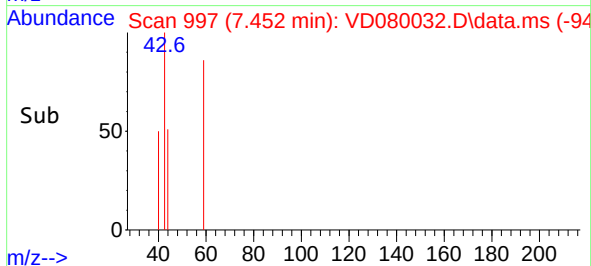
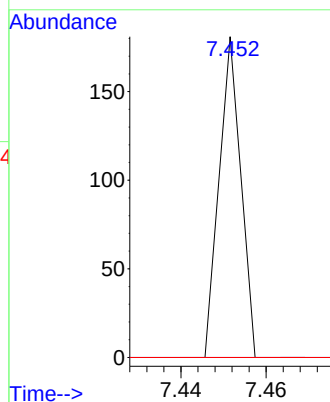


#29
Tetrahydrofuran
Concen: 1.336 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

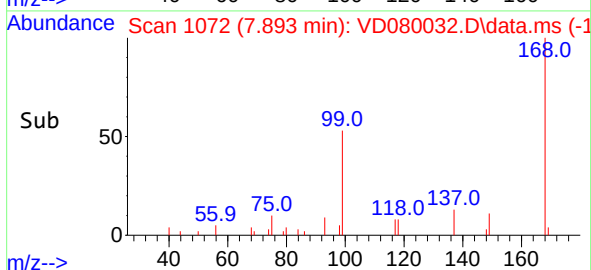
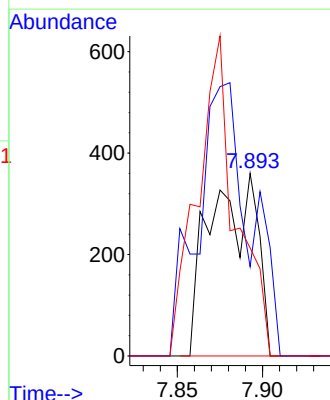
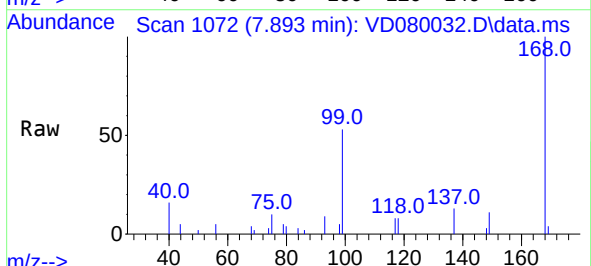


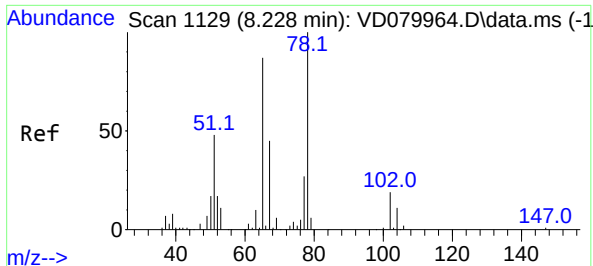
Tgt Ion: 42 Resp: 64
Ion Ratio Lower Upper
42 100
72 0.0 36.7 55.1#
71 0.0 34.4 51.6#



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.893 min Scan# 1072
Delta R.T. 0.012 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Tgt Ion: 56 Resp: 687
Ion Ratio Lower Upper
56 100
69 48.9 27.3 40.9#
84 59.2 70.2 105.4#

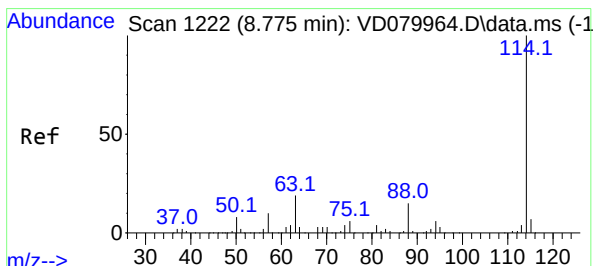
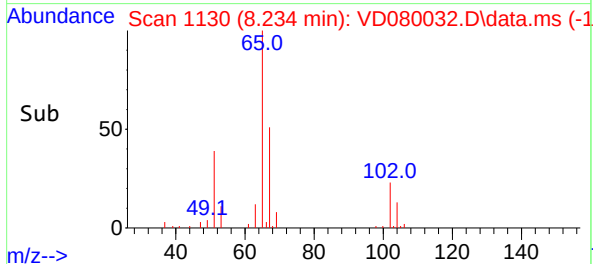
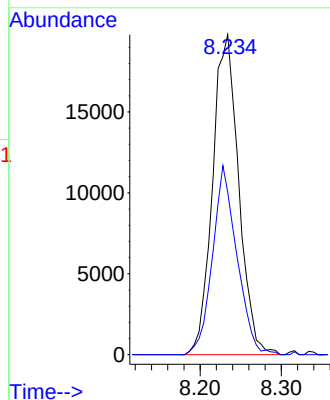
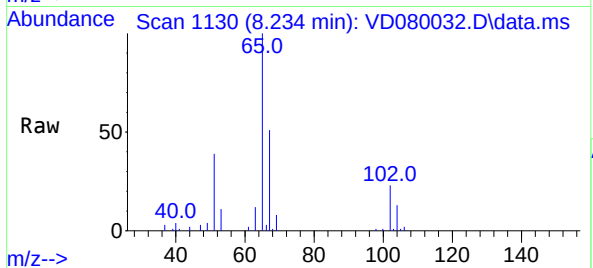




#33
1,2-Dichloroethane-d4
Concen: 143.684 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

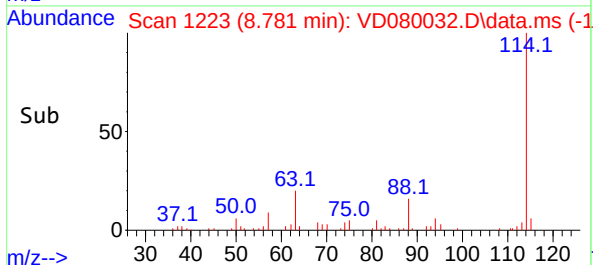
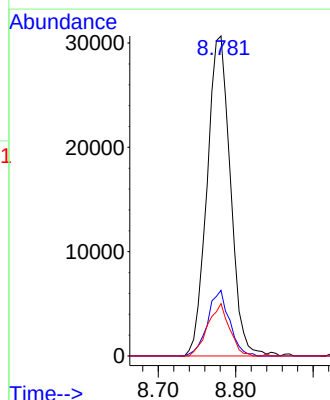
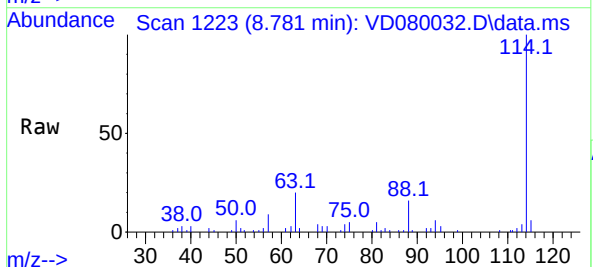
Instrument :
MSVOA_D
ClientSampleId :

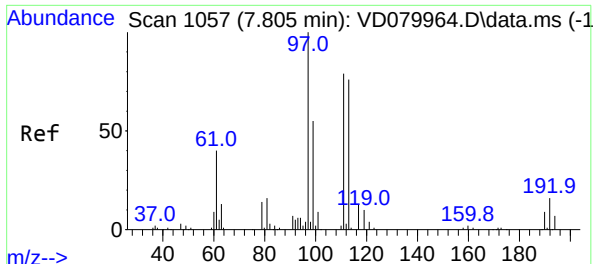
Tgt Ion: 65 Resp: 44304
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

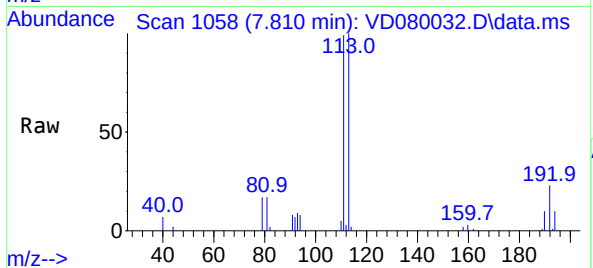
Tgt Ion: 114 Resp: 64383
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.8
88 16.4 0.0 30.6



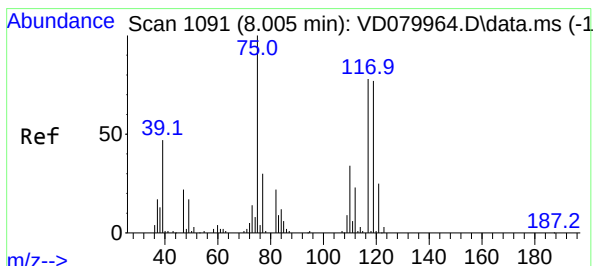
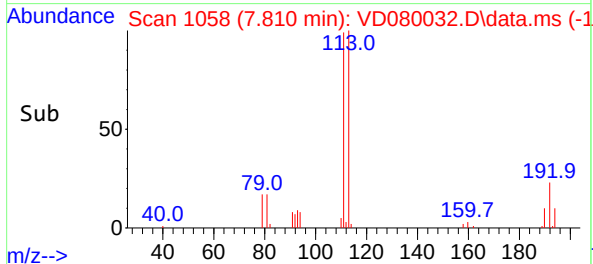
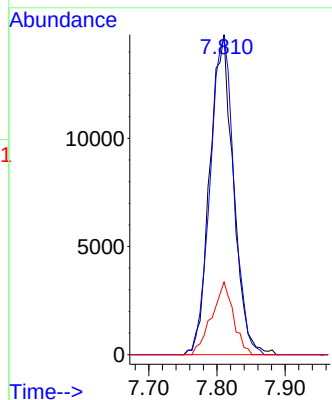


#35
Dibromofluoromethane
Concen: 83.379 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

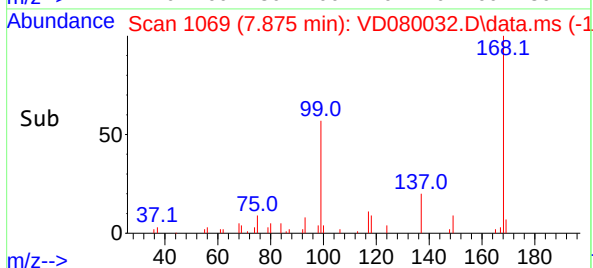
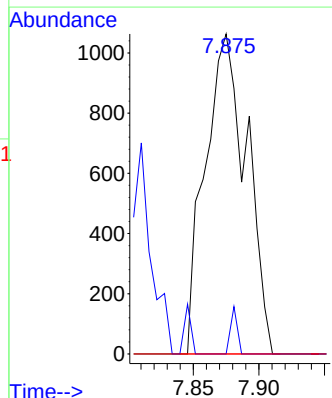
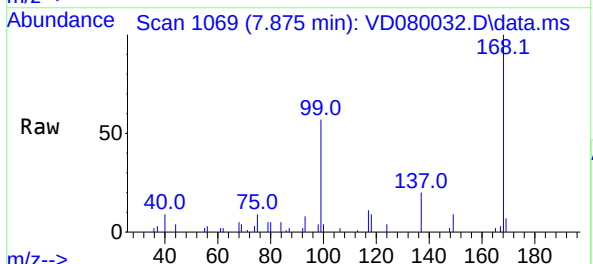


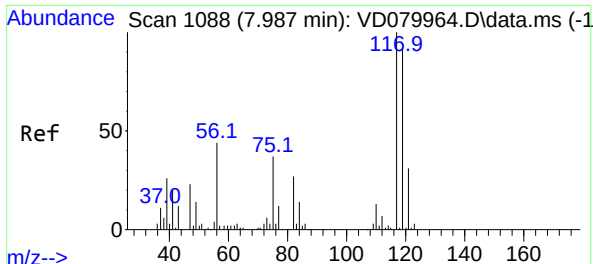
Tgt Ion:113 Resp: 35727
Ion Ratio Lower Upper
113 100
111 100.3 82.5 123.7
192 20.8 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.006 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

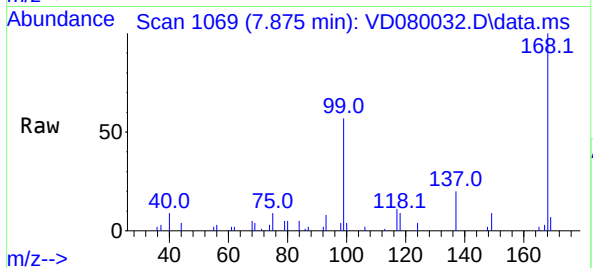
Tgt Ion: 75 Resp: 2347
Ion Ratio Lower Upper
75 100
110 2.3 18.4 55.0#
77 0.0 25.6 38.4#



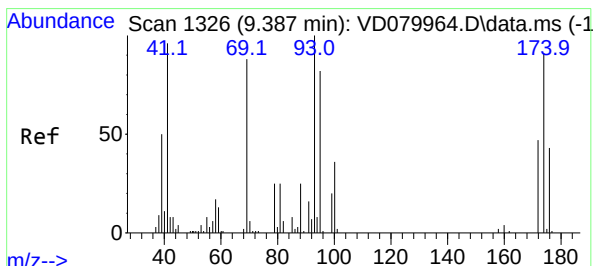
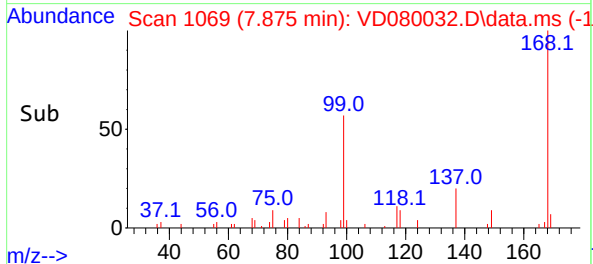
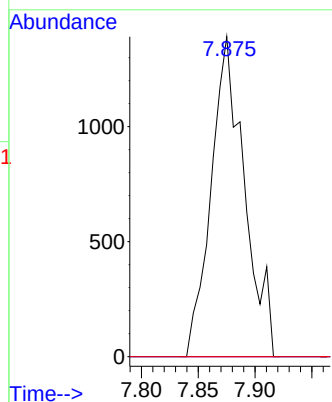


#38
Carbon Tetrachloride
Concen: 4.433 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

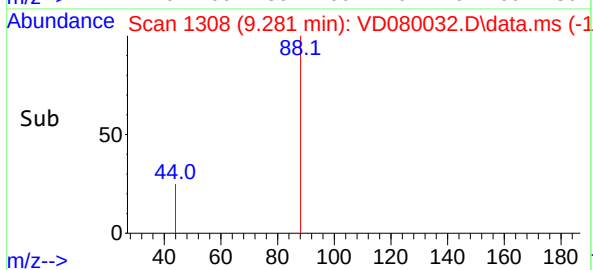
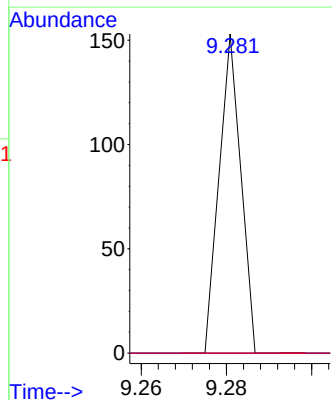
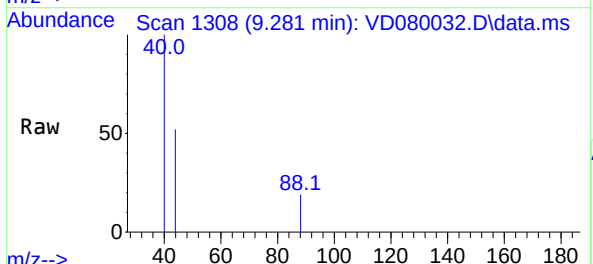


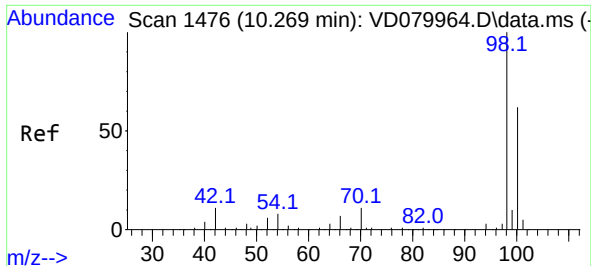
Tgt Ion:117 Resp: 2838
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.0#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 23.059 ug/l
RT: 9.281 min Scan# 1308
Delta R.T. -0.106 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 29.1 43.7#
58 0.0 59.9 89.9#

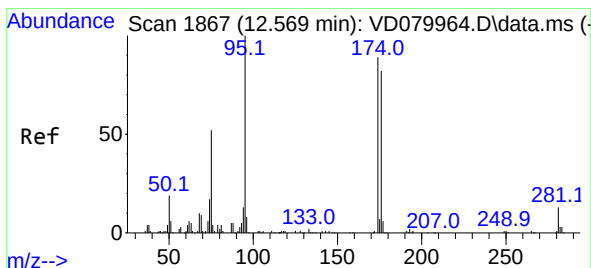
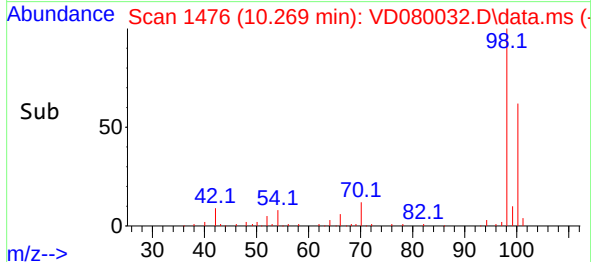
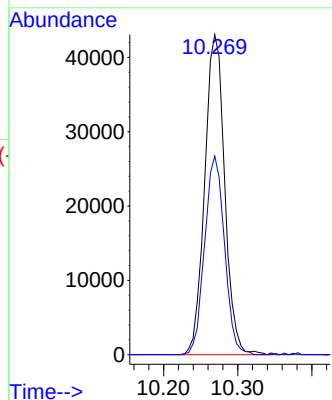
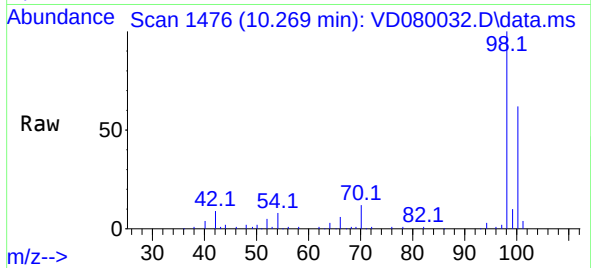




#50
Toluene-d8
Concen: 49.969 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

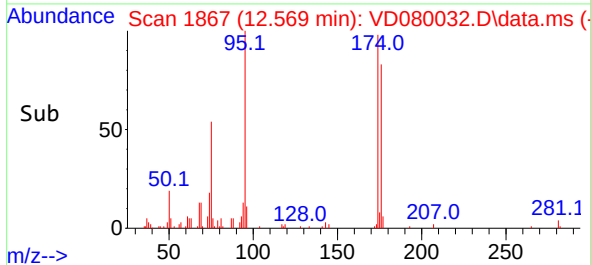
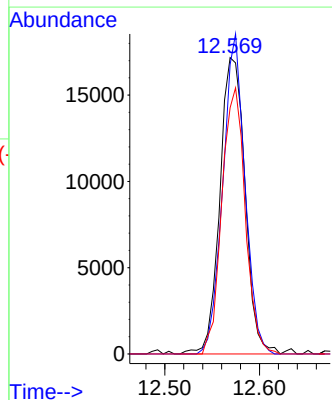
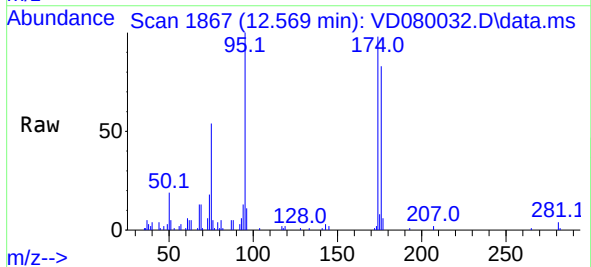
Instrument :
MSVOA_D
ClientSampleId :

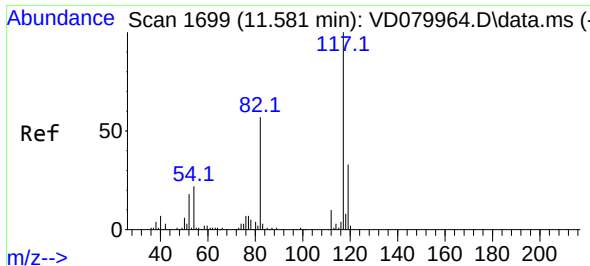
Tgt Ion: 98 Resp: 80698
Ion Ratio Lower Upper
98 100
100 61.7 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 59.884 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

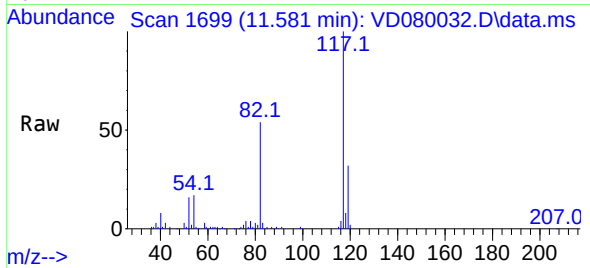
Tgt Ion: 95 Resp: 31730
Ion Ratio Lower Upper
95 100
174 95.0 0.0 173.4
176 83.5 0.0 166.6



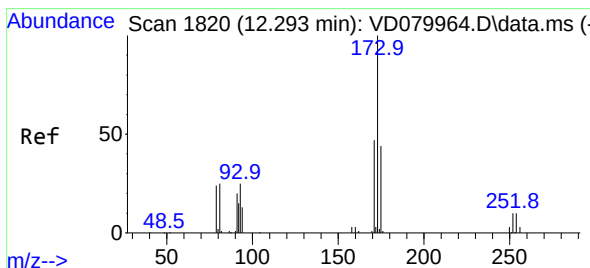
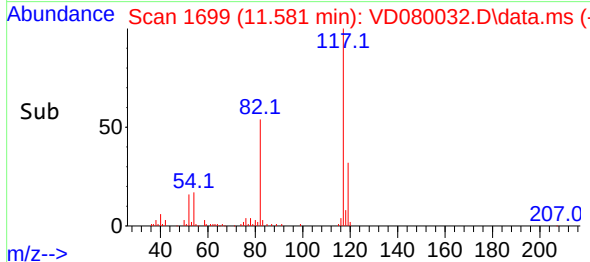
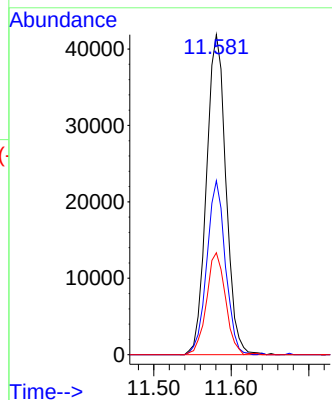


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

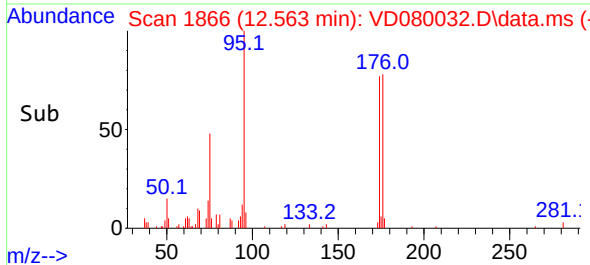
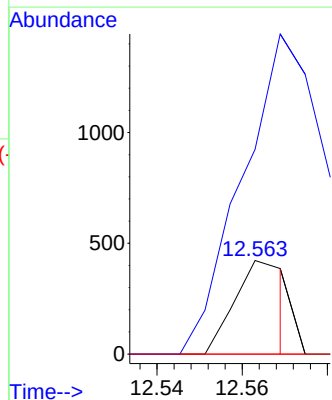
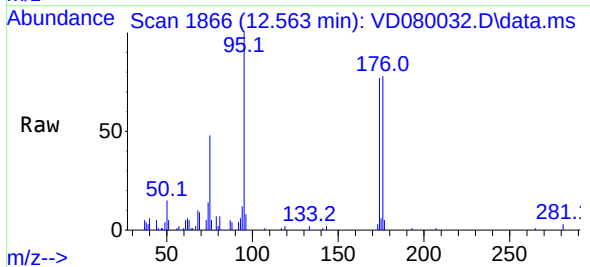


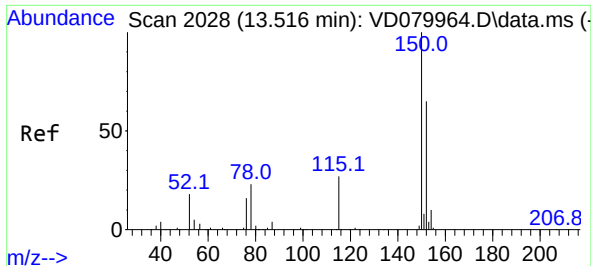
Tgt Ion:117 Resp: 73124
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.6
119 31.9 26.2 39.2



#71
Bromoform
Concen: 1.087 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.270 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

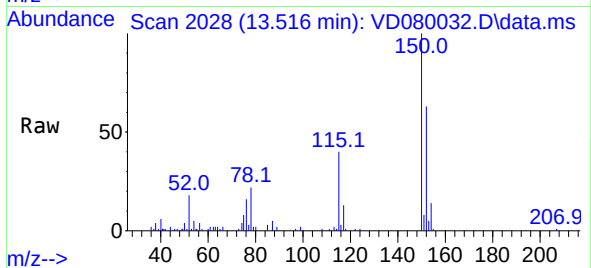
Tgt Ion:173 Resp: 356
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.3#
254 0.0 0.0 0.0



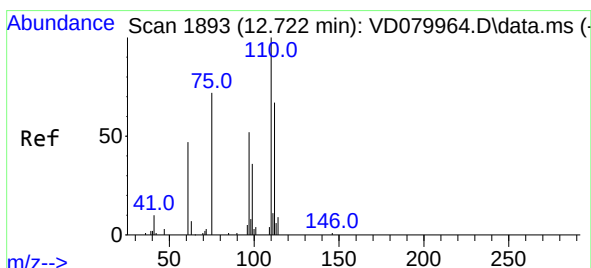
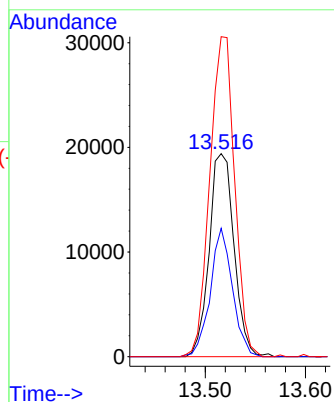
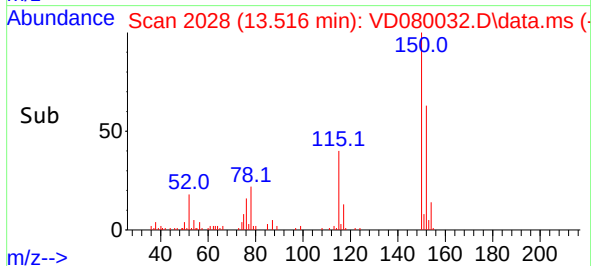


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :

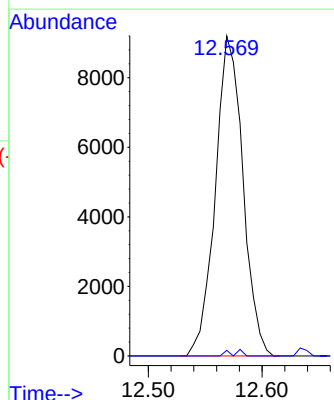
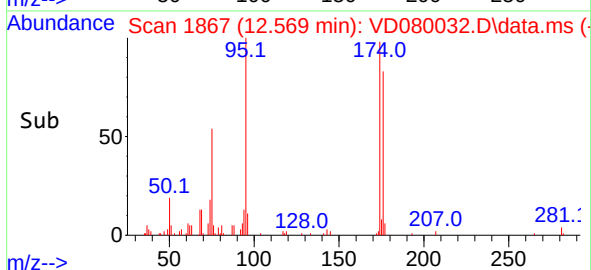
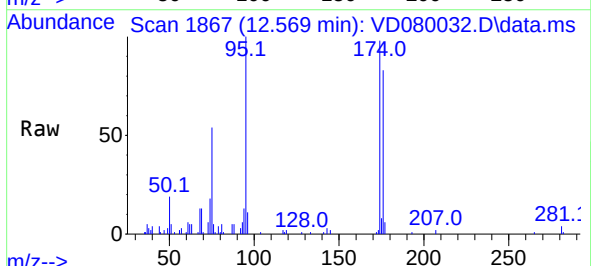


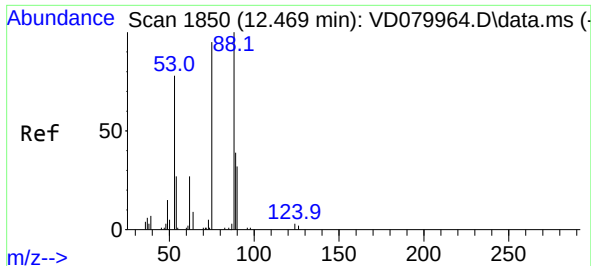
Tgt Ion:152 Resp: 33416
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 157.1 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 52.611 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

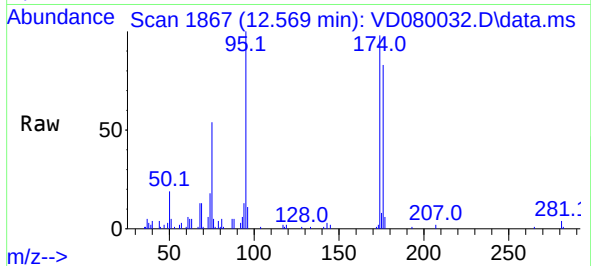
Tgt Ion: 75 Resp: 15524
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.676 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD080032.D
Acq: 15 Nov 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 15524
Ion Ratio Lower Upper
75 100
53 0.4 68.7 103.1#
89 0.0 36.1 54.1#

