

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080123\
 Data File : VD076893.D
 Acq On : 01 Aug 2023 15:08
 Operator : KP/SY
 Sample : 03853-01
 Misc : 5.39G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34369-70-71

Quant Time: Aug 02 01:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

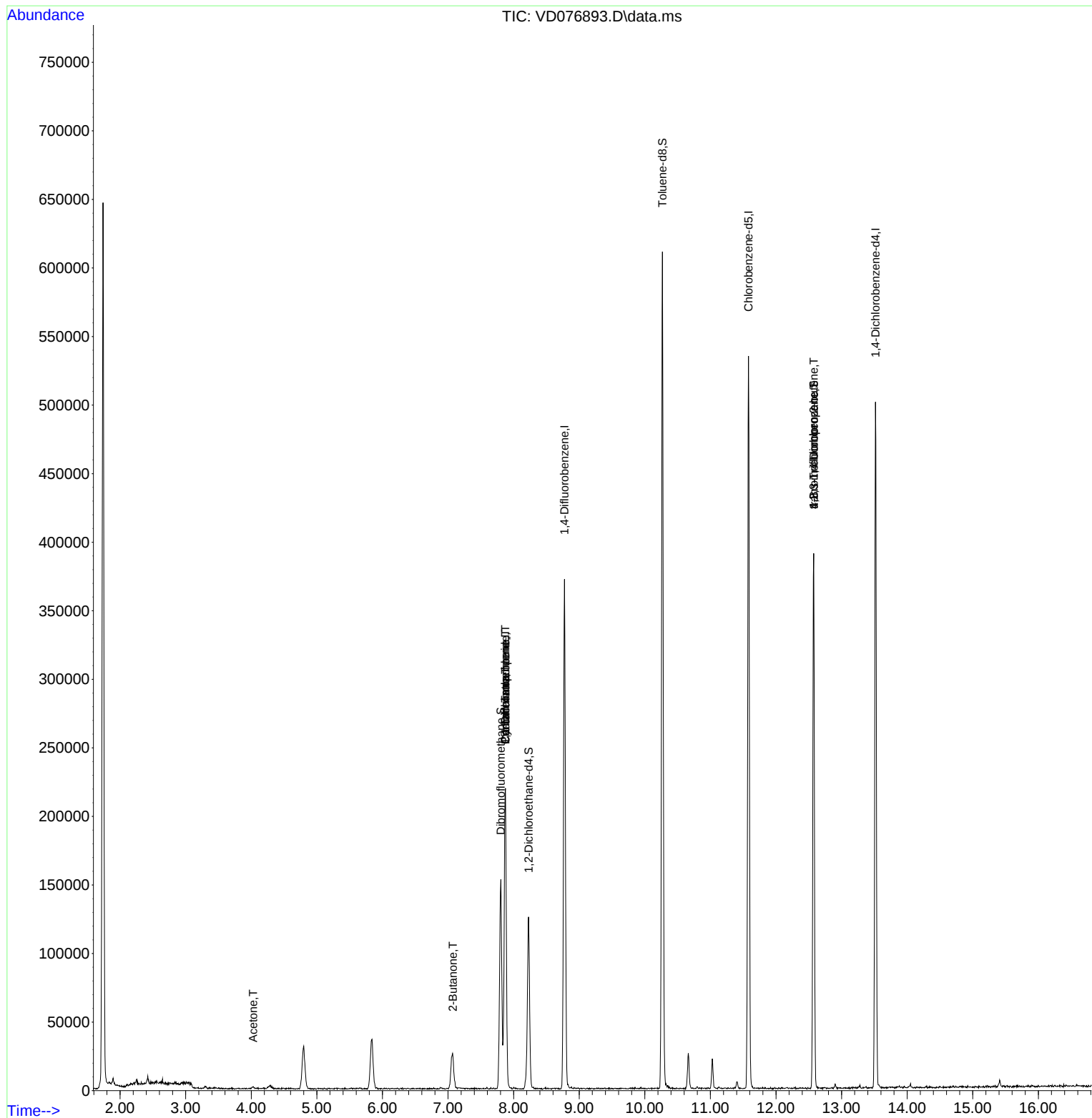
Internal Standards						
1) Pentafluorobenzene	7.875	168	169704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93782	55.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.960%	
35) Dibromofluoromethane	7.805	113	111210	52.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.269	98	422867	55.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.020%	
62) 4-Bromofluorobenzene	12.575	95	120610	48.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.880%	
Target Compounds						
						Qvalue
16) Acetone	4.028	43	2166	5.366	ug/l #	74
25) 2-Butanone	7.075	43	939	1.738	ug/l #	37
31) Cyclohexane	7.875	56	3969	1.596	ug/l #	53
36) 1,1-Dichloropropene	7.875	75	15221	5.470	ug/l #	48
38) Carbon Tetrachloride	7.875	117	18473	6.933	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	63298	50.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	63298	107.251	ug/l #	17

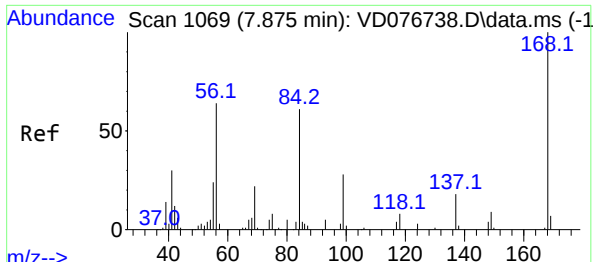
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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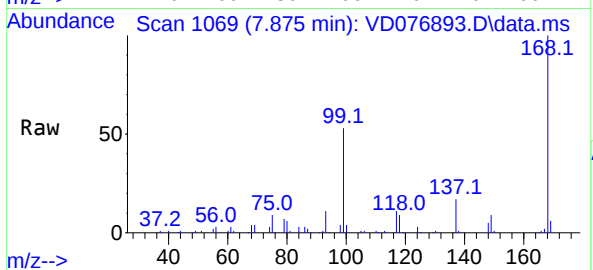
Quant Time: Aug 02 01:28:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



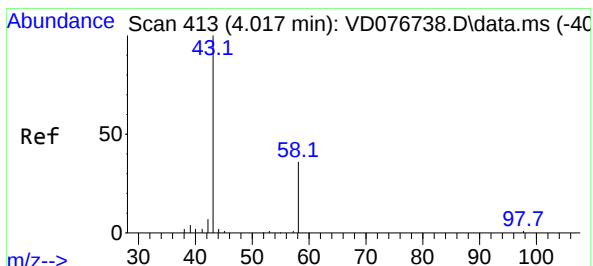
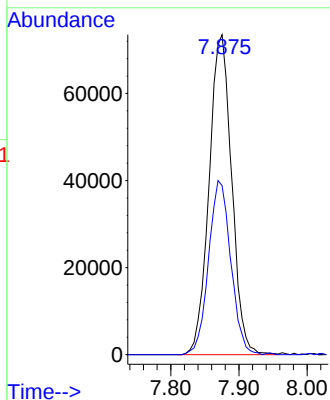
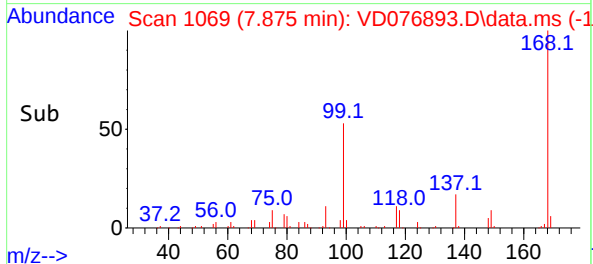


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

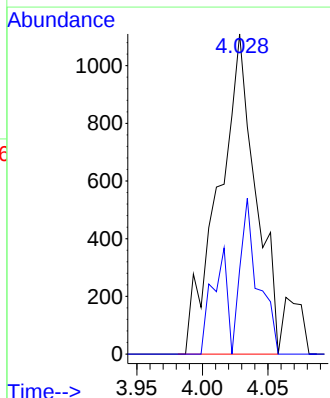
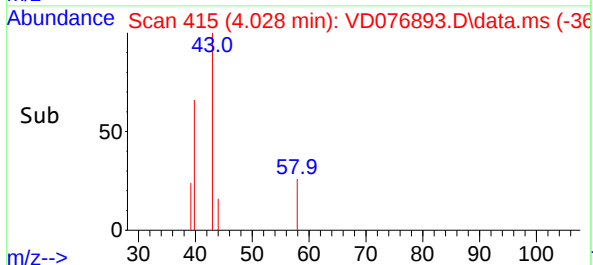
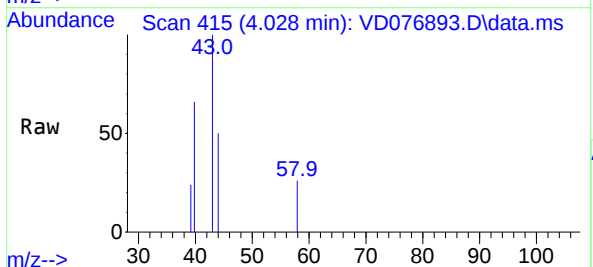


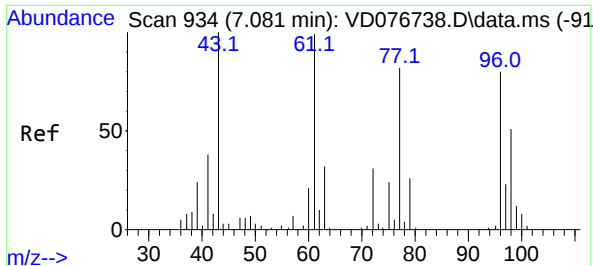
Tgt Ion:168 Resp: 169704
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#16
Acetone
Concen: 5.366 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
58 26.4 34.7 52.1#

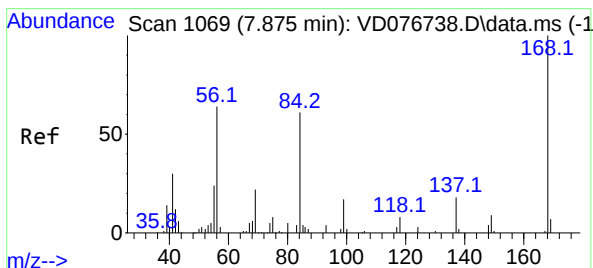
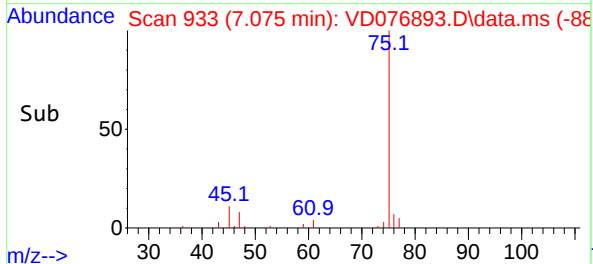
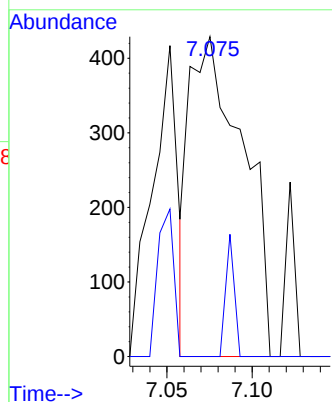
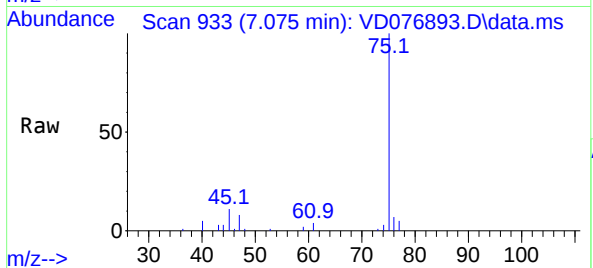




#25
2-Butanone
Concen: 1.738 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

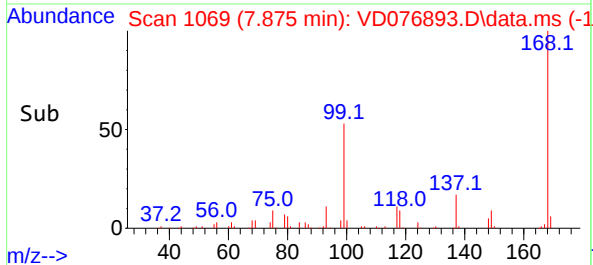
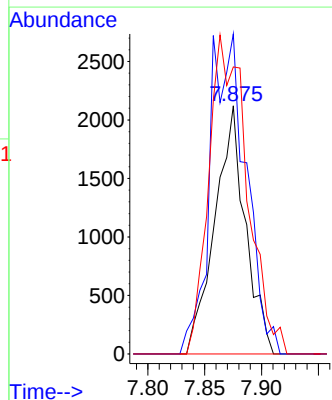
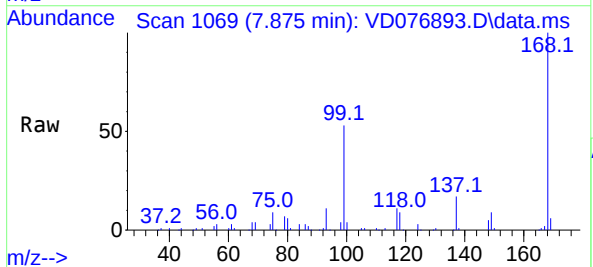
Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

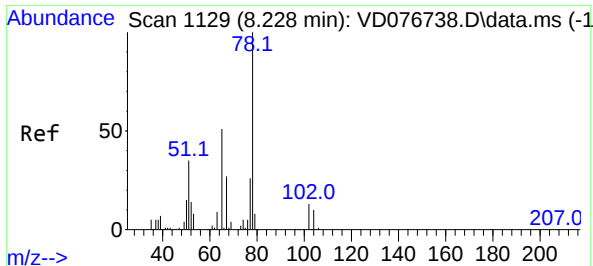
Tgt Ion: 43 Resp: 939
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.596 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion: 56 Resp: 3969
Ion Ratio Lower Upper
56 100
69 128.9 28.6 43.0#
84 115.7 84.8 127.2

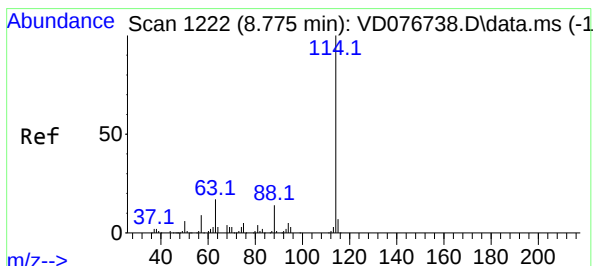
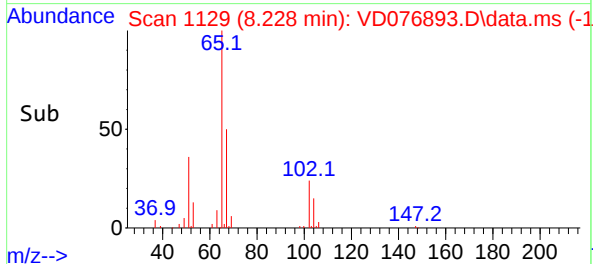
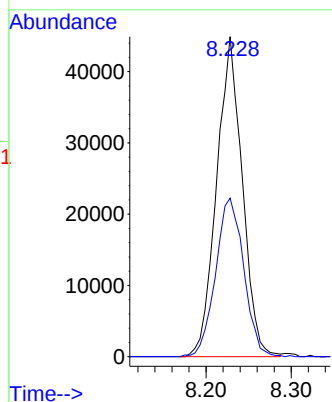
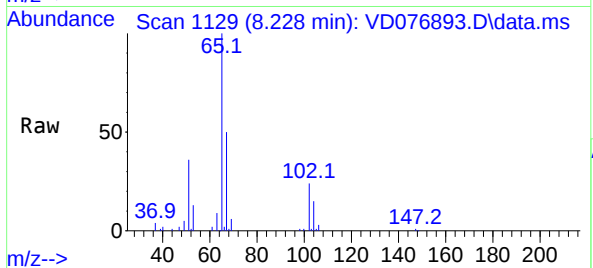




#33
1,2-Dichloroethane-d4
Concen: 55.482 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

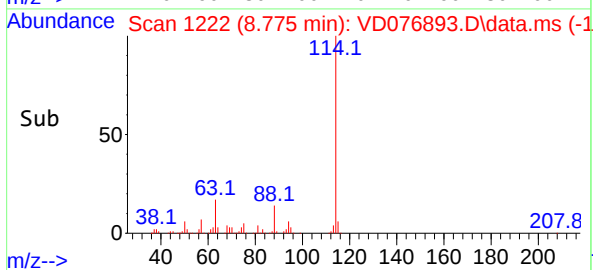
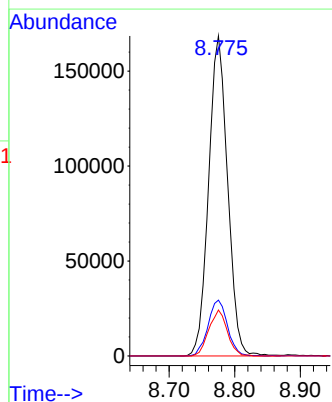
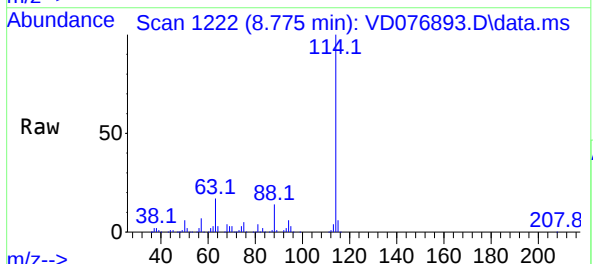
Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

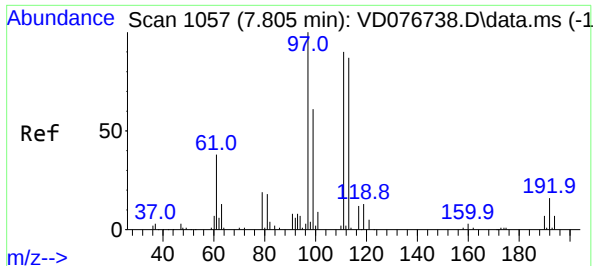
Tgt Ion: 65 Resp: 93782
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

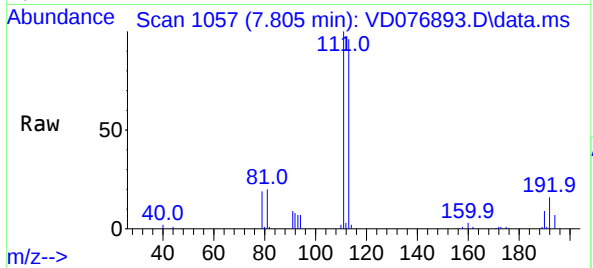
Tgt Ion: 114 Resp: 338857
Ion Ratio Lower Upper
114 100
63 17.5 0.0 33.4
88 14.4 0.0 26.2



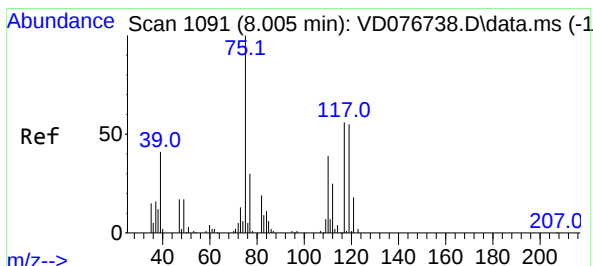
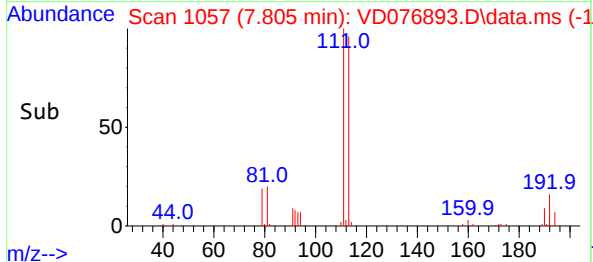
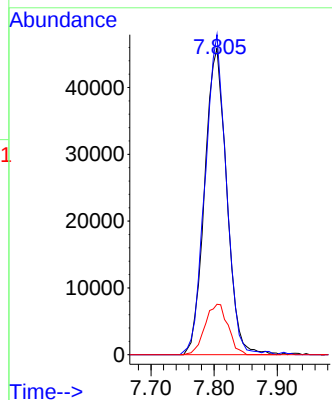


#35
Dibromofluoromethane
Concen: 52.226 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

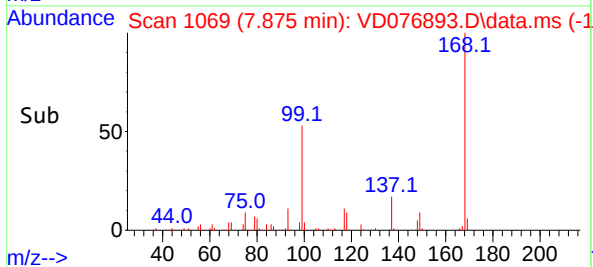
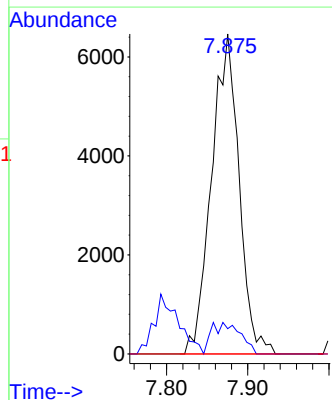
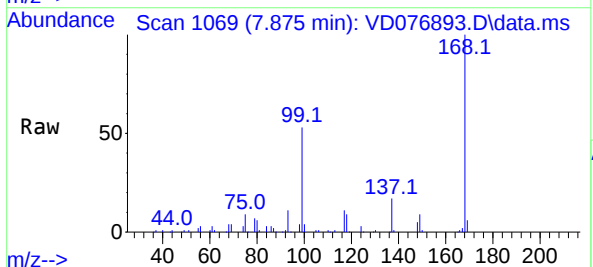


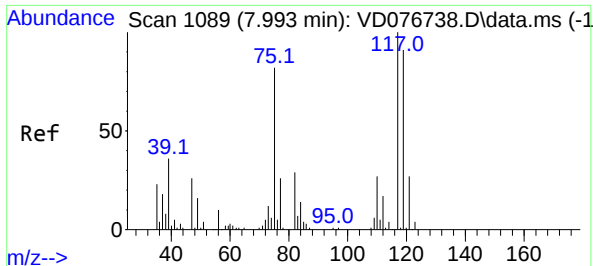
Tgt Ion:113 Resp: 111210
Ion Ratio Lower Upper
113 100
111 100.7 84.7 127.1
192 17.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.470 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

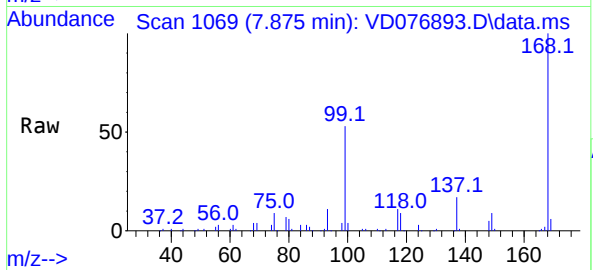
Tgt Ion: 75 Resp: 15221
Ion Ratio Lower Upper
75 100
110 10.2 19.9 59.6#
77 0.0 24.7 37.1#



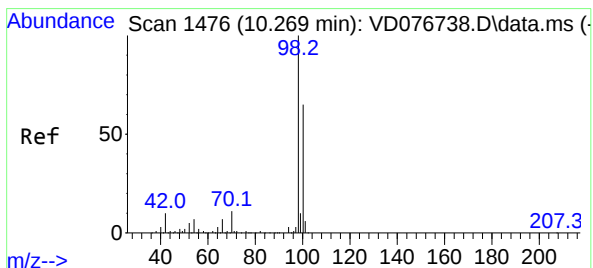
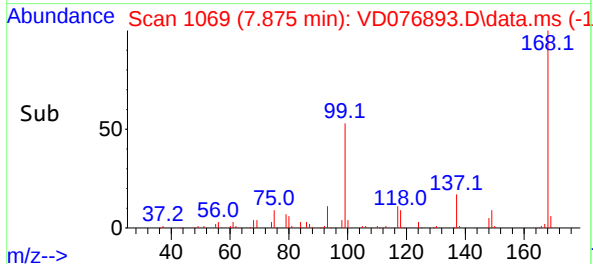
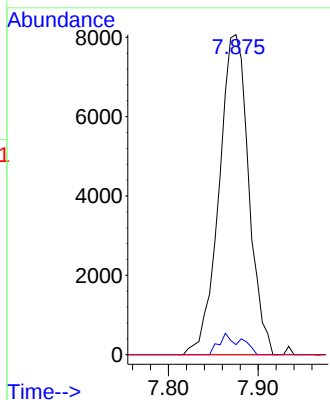


#38
Carbon Tetrachloride
Concen: 6.933 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Instrument :
MSVOA_D
ClientSampleId :
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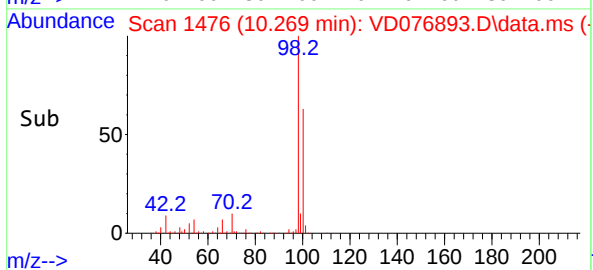
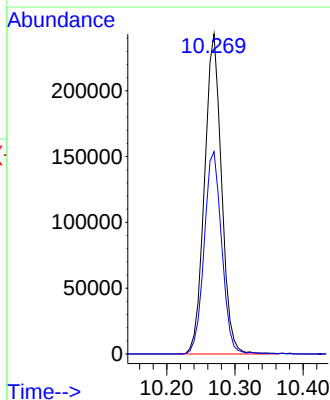
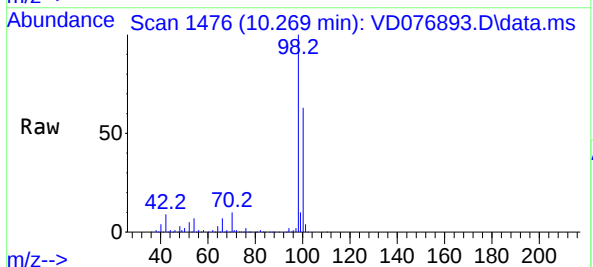


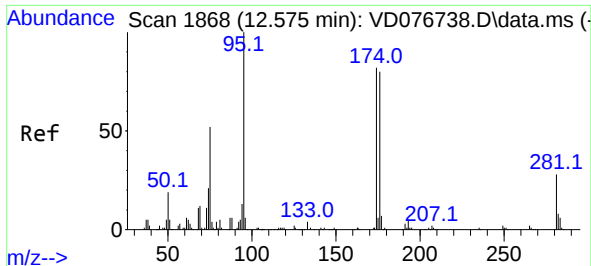
Tgt Ion:117 Resp: 18473
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion: 98 Resp: 422867
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

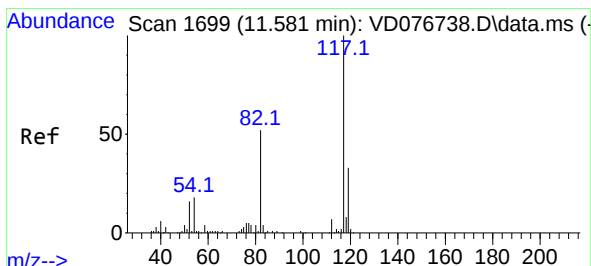
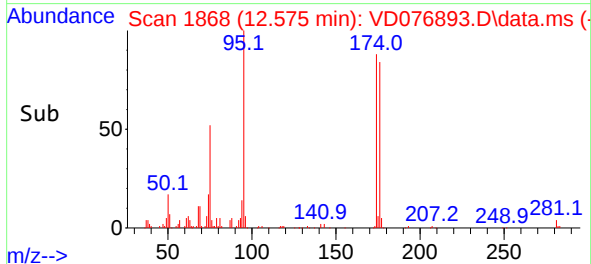
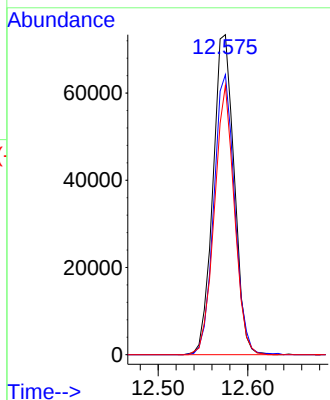
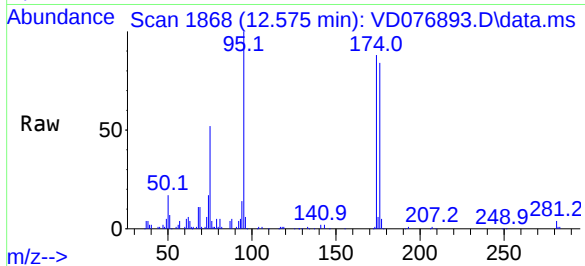




#62
4-Bromofluorobenzene
Concen: 48.942 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

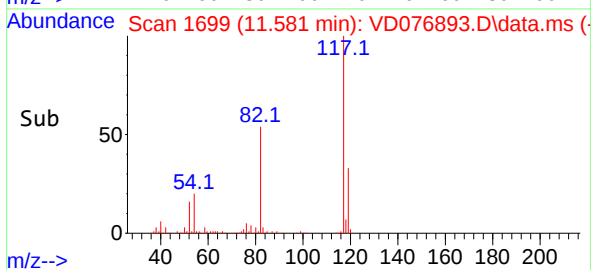
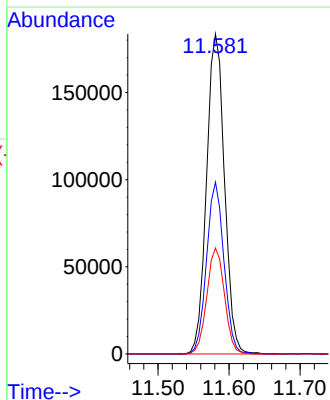
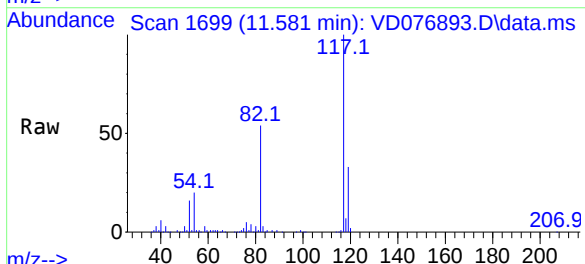
Instrument :
MSVOA_D
ClientSampleId :
34369-70-71

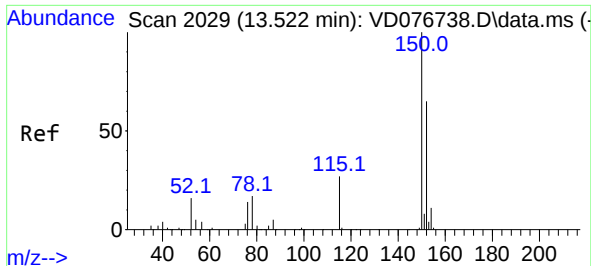
Tgt Ion:	95	Resp:	120610
Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	201.8
176	79.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

Tgt Ion:	117	Resp:	321990
Ion	Ratio	Lower	Upper
117	100		
82	53.7	38.3	57.5
119	33.1	25.0	37.4

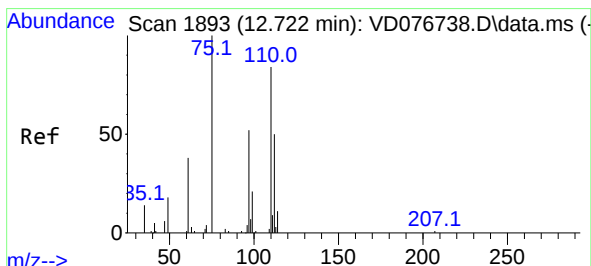
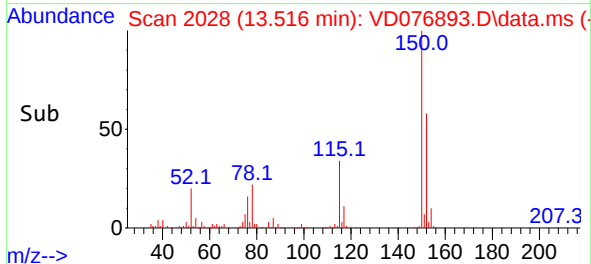
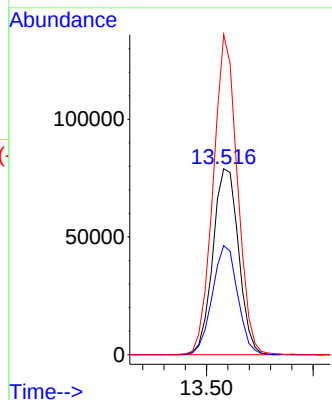
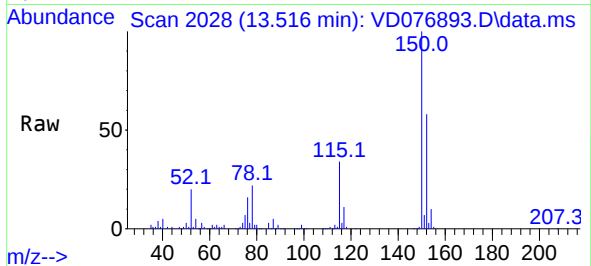




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

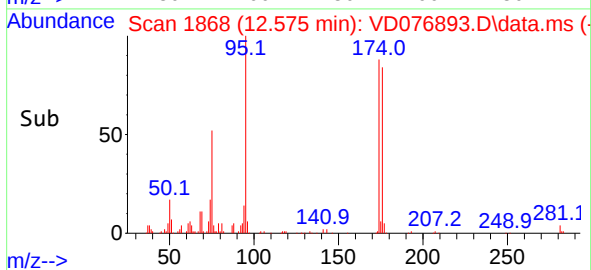
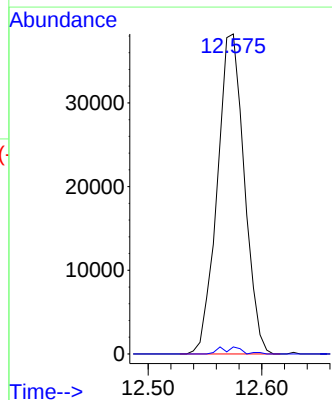
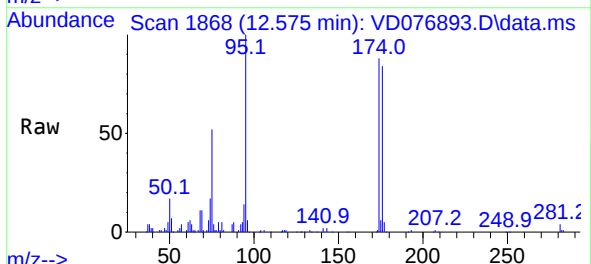
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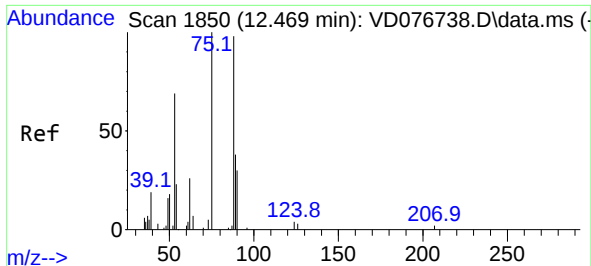
Tgt Ion:152 Resp: 132080
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 162.3 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.394 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076893.D
Acq: 01 Aug 2023 15:08

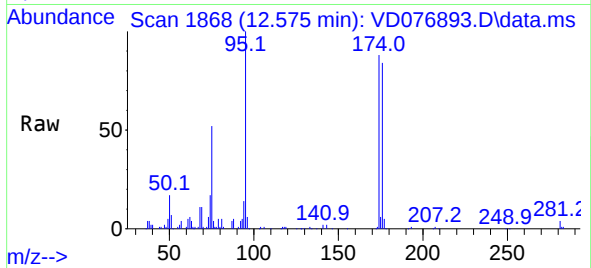
Tgt Ion: 75 Resp: 63298
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.251 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076893.D
 Acq: 01 Aug 2023 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 34369-70-71



Tgt Ion:	75	Resp:	63298
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

