

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076934.D
 Acq On : 07 Aug 2023 16:35
 Operator : KP/SY
 Sample : 03917-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AA

Quant Time: Aug 08 04:40:35 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)

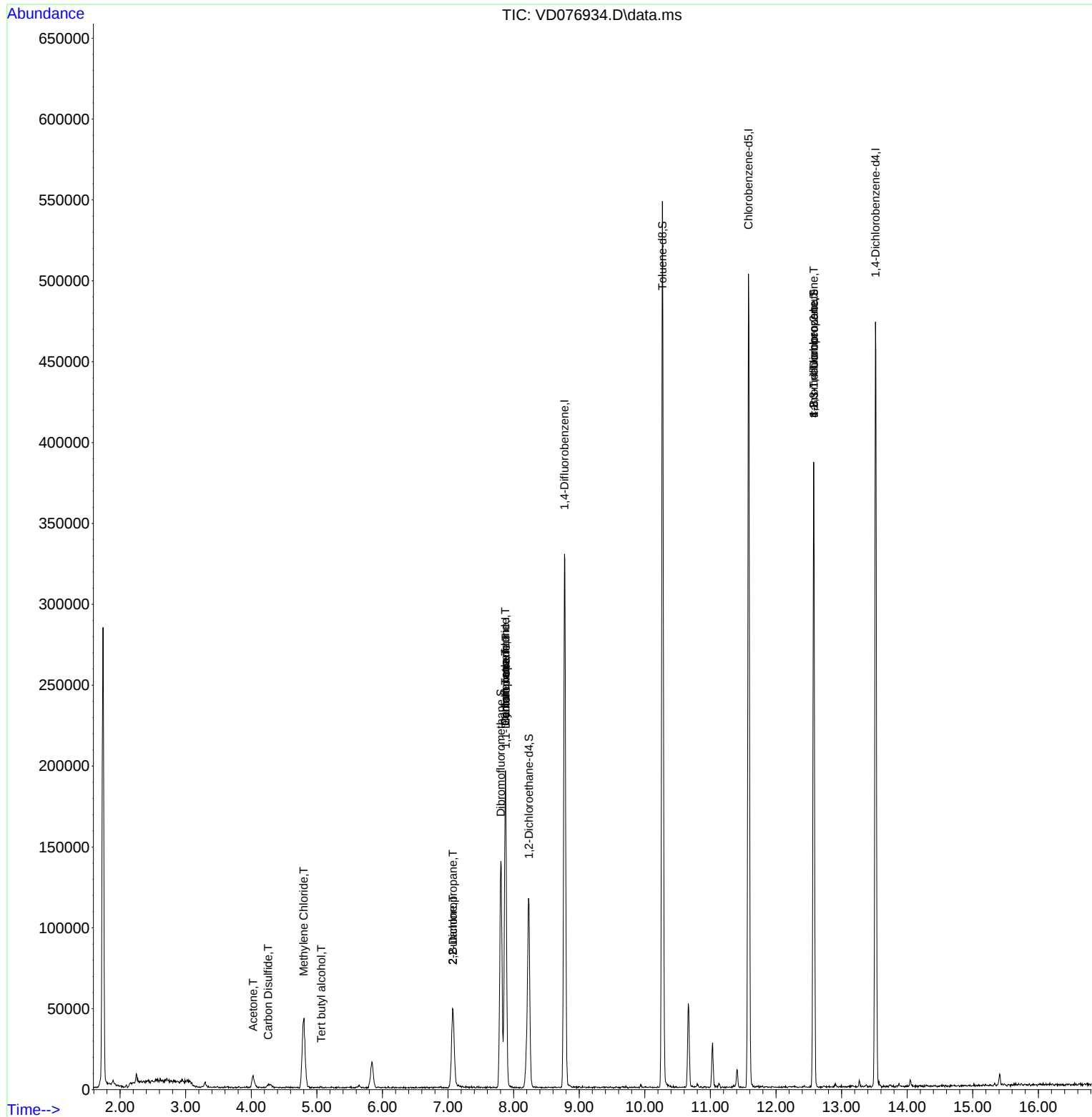
Internal Standards						
1) Pentafluorobenzene	7.875	168	150257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	308701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	132391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	85882	57.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.760%	
35) Dibromofluoromethane	7.805	113	102789	52.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.980%	
50) Toluene-d8	10.269	98	377356	54.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.575	95	111694	49.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.069	59	318	2.847	ug/l #	73
16) Acetone	4.028	43	11920	33.350	ug/l	97
17) Carbon Disulfide	4.258	76	3946	1.138	ug/l #	76
20) Methylene Chloride	4.799	84	34141	7.232	ug/l	95
25) 2-Butanone	7.075	43	3243	6.779	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	3656	1.362	ug/l #	49
31) Cyclohexane	7.875	56	3258	1.479	ug/l #	48
36) 1,1-Dichloropropene	7.881	75	11718	4.623	ug/l #	48
38) Carbon Tetrachloride	7.875	117	15450	6.365	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	61504	48.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	61504	103.967	ug/l #	18

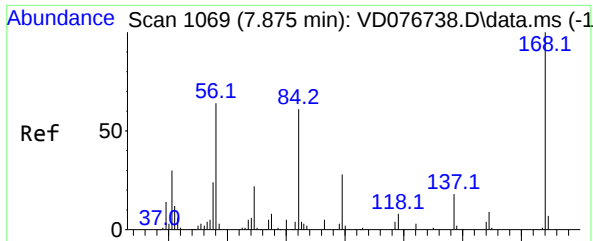
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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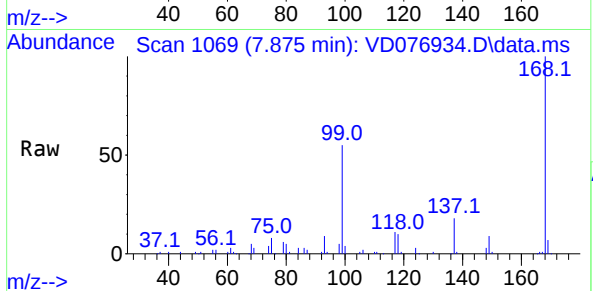
Quant Time: Aug 08 04:40:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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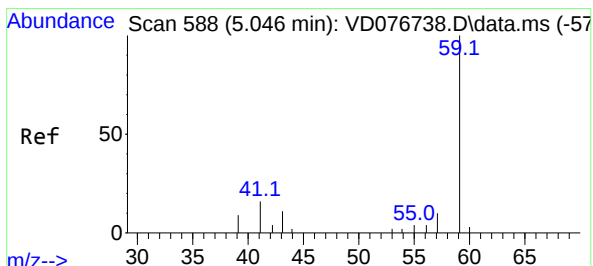
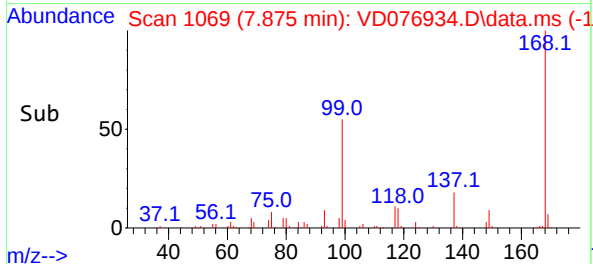
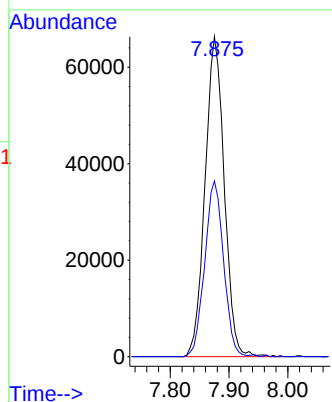


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

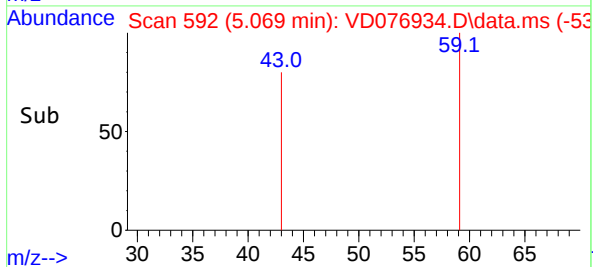
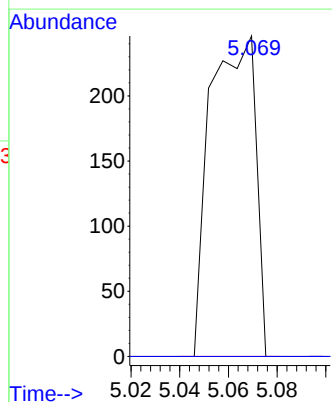
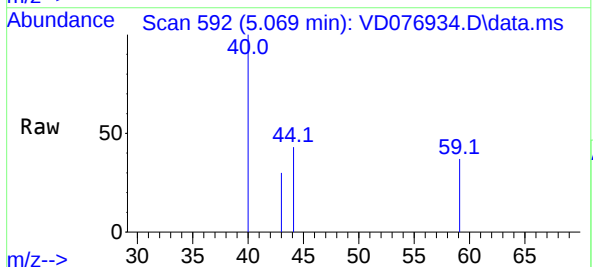


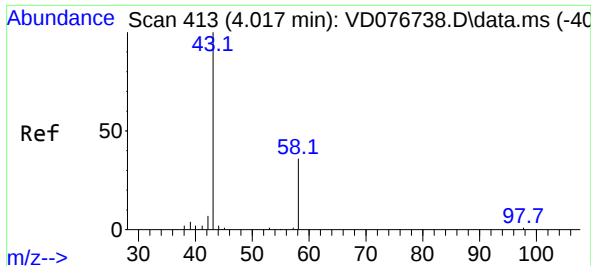
Tgt Ion:168 Resp: 150257
Ion Ratio Lower Upper
168 100
99 54.9 36.7 55.1



#11
Tert butyl alcohol
Concen: 2.847 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.023 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

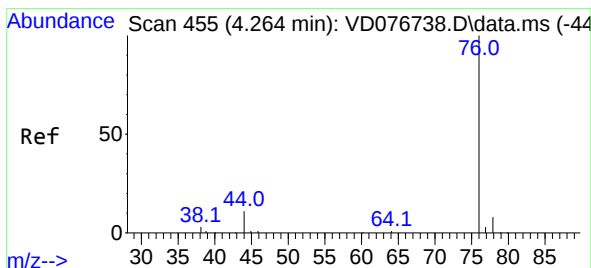
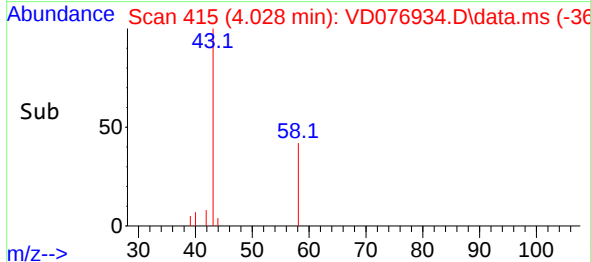
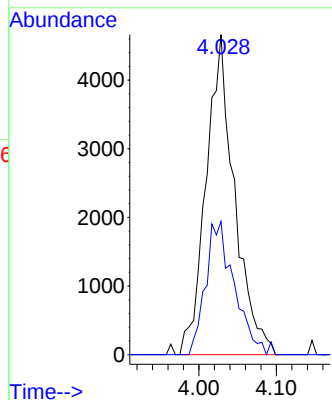
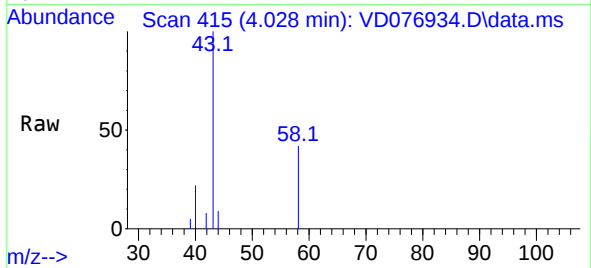




#16
Acetone
Concen: 33.350 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

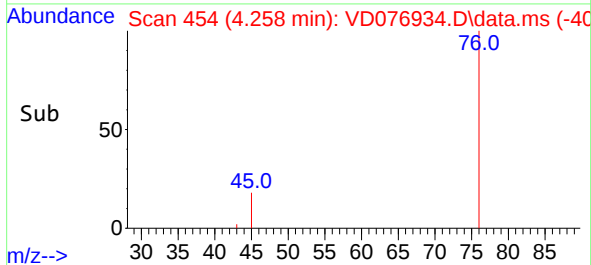
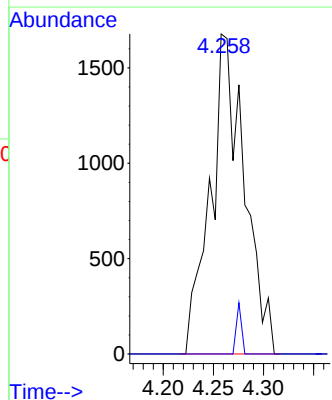
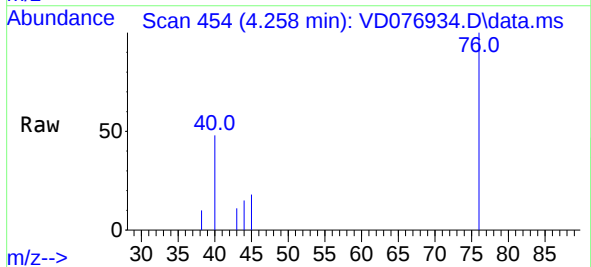
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

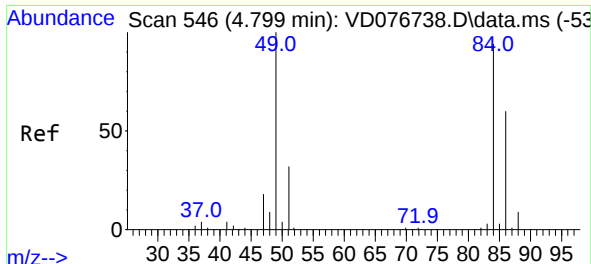
Tgt Ion: 43 Resp: 11920
Ion Ratio Lower Upper
43 100
58 41.6 34.7 52.1



#17
Carbon Disulfide
Concen: 1.138 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 76 Resp: 3946
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



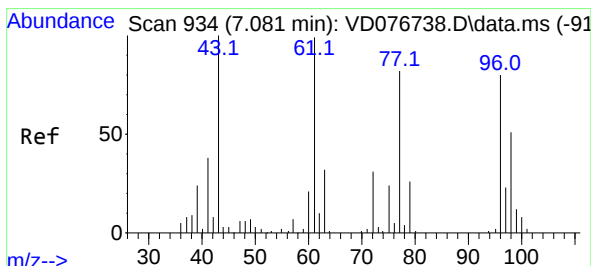
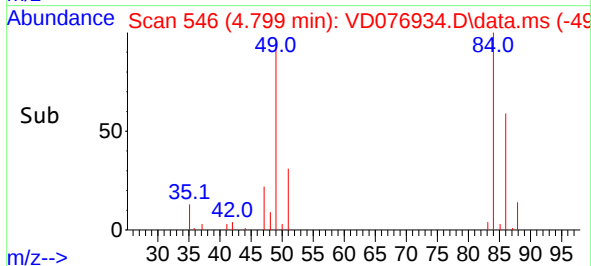
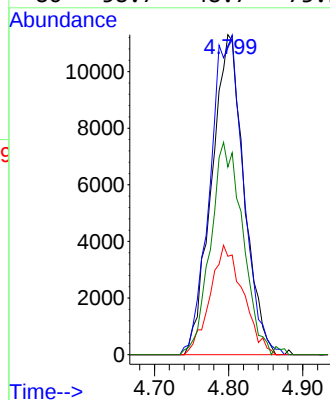
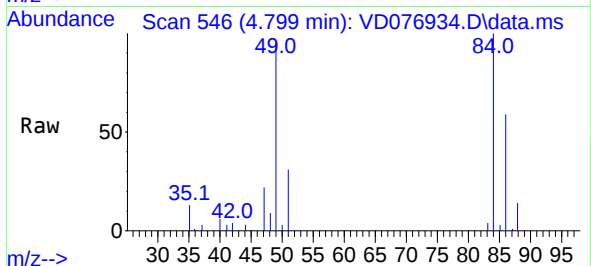


#20
Methylene Chloride
Concen: 7.232 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

Tgt Ion: 84 Resp: 34141

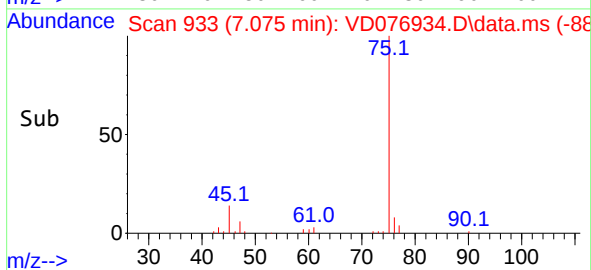
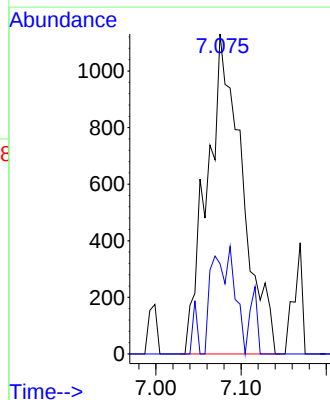
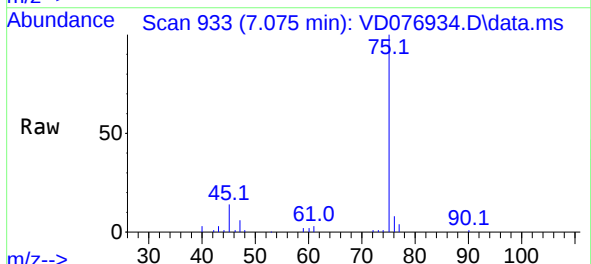
Ion	Ratio	Lower	Upper
84	100		
49	96.2	71.4	107.2
51	30.8	24.5	36.7
86	58.7	48.7	73.1

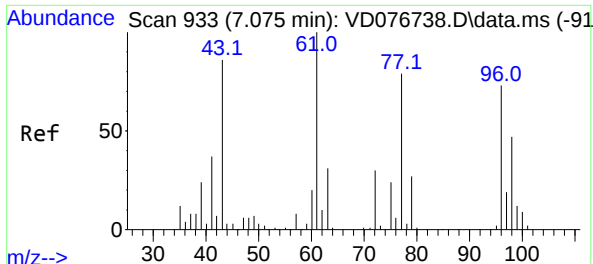


#25
2-Butanone
Concen: 6.779 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 43 Resp: 3243

Ion	Ratio	Lower	Upper
43	100		
72	28.2	30.7	46.1#

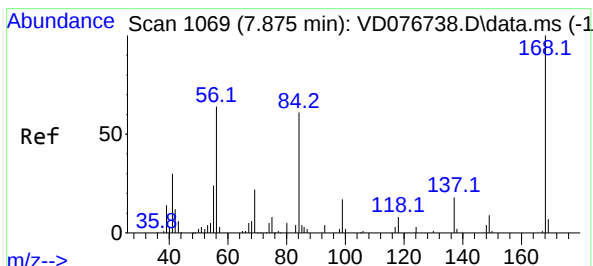
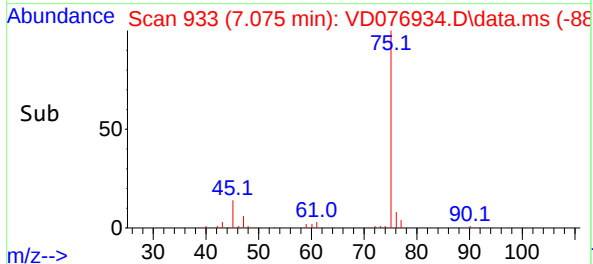
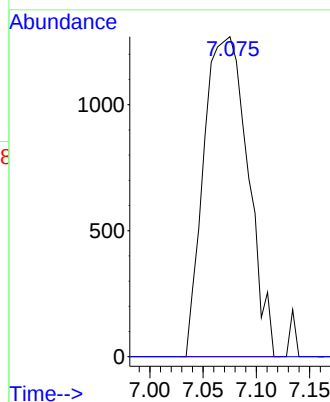
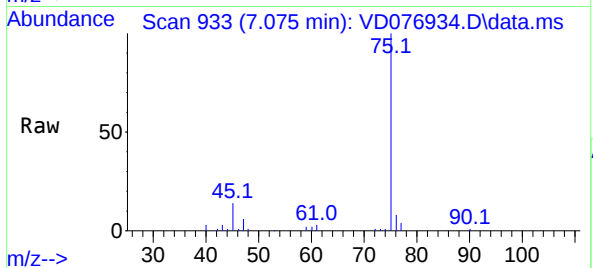




#26
2,2-Dichloropropane
Concen: 1.362 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

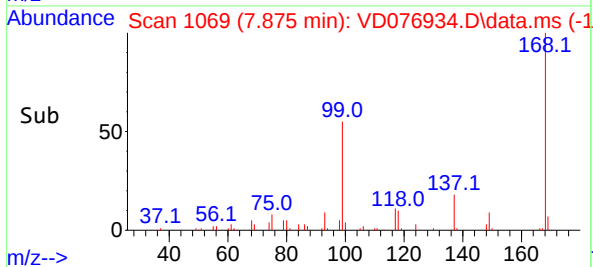
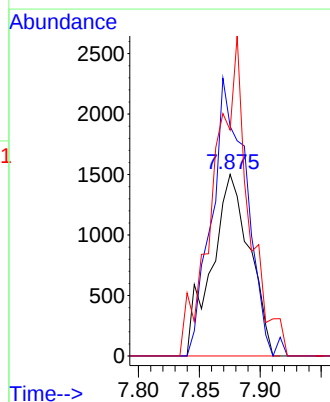
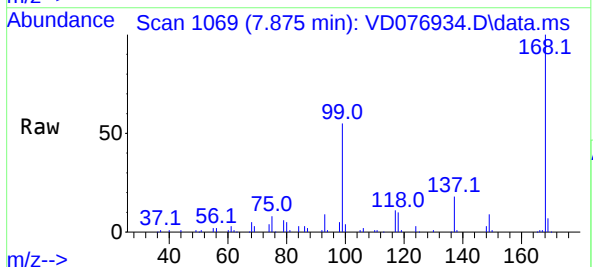
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

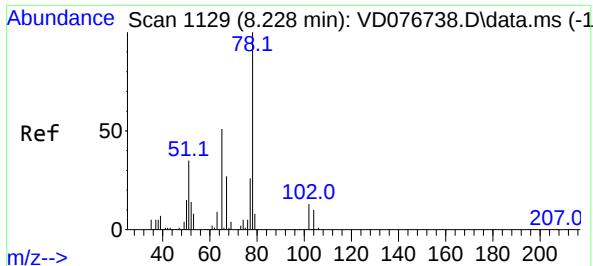
Tgt Ion: 77 Resp: 3656
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#31
Cyclohexane
Concen: 1.479 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 56 Resp: 3258
Ion Ratio Lower Upper
56 100
69 126.4 28.6 43.0#
84 124.4 84.8 127.2

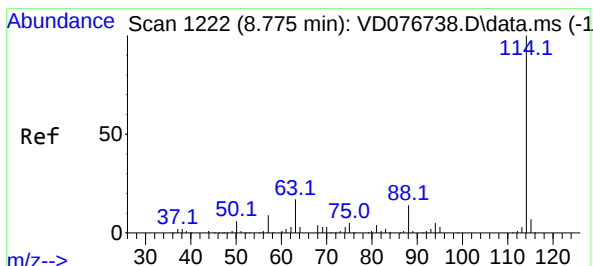
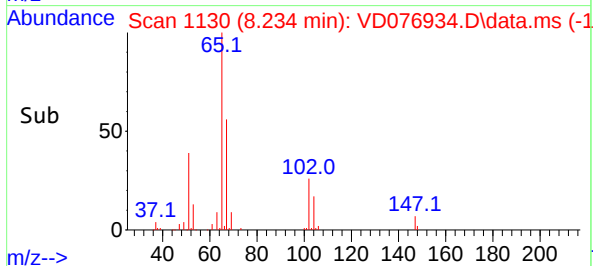
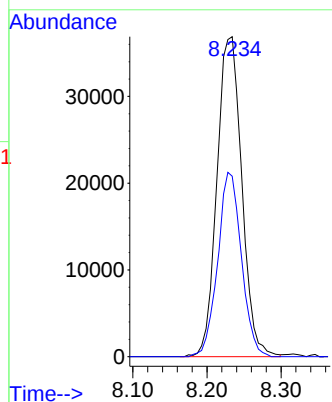
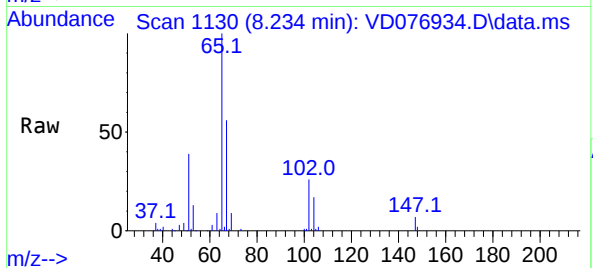




#33
1,2-Dichloroethane-d4
Concen: 57.385 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

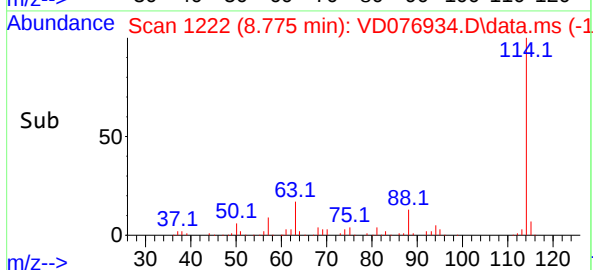
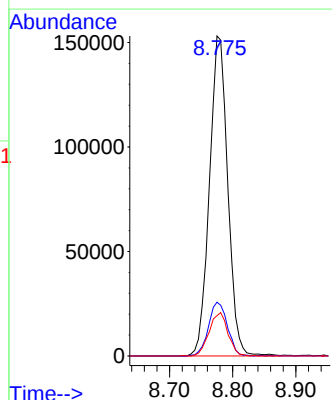
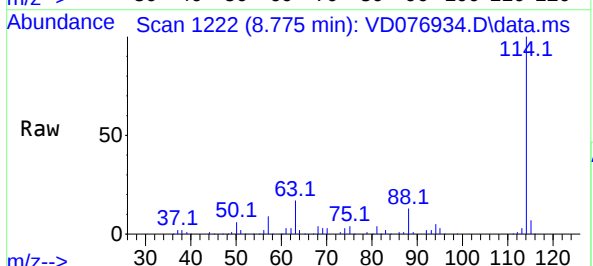
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

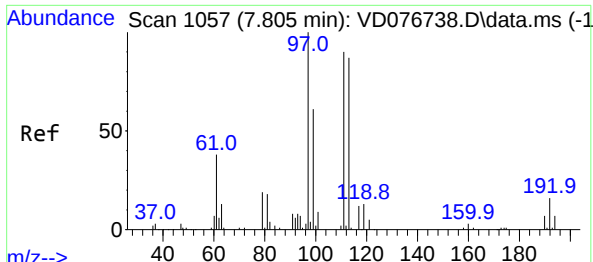
Tgt Ion: 65 Resp: 85882
Ion Ratio Lower Upper
65 100
67 55.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

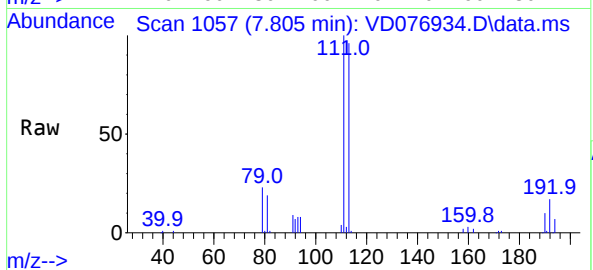
Tgt Ion: 114 Resp: 308701
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.4
88 12.6 0.0 26.2



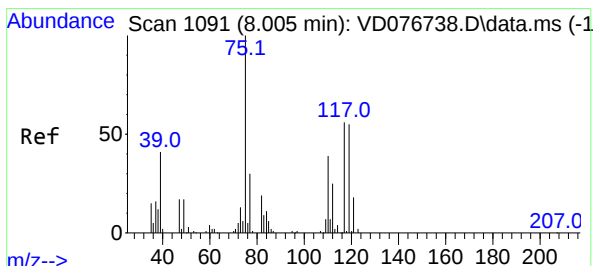
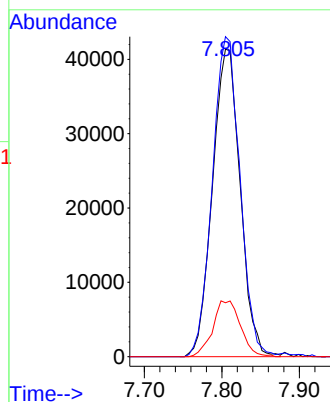
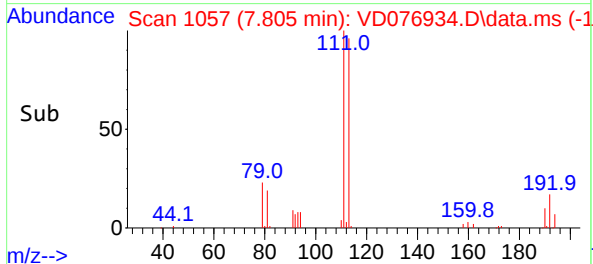


#35
Dibromofluoromethane
Concen: 52.987 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

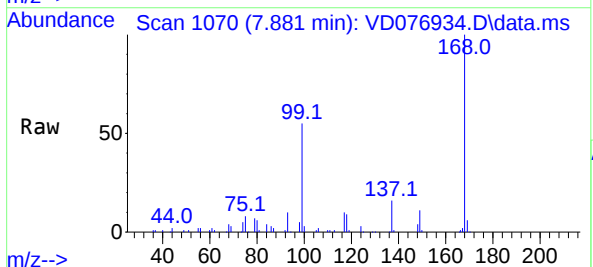
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA



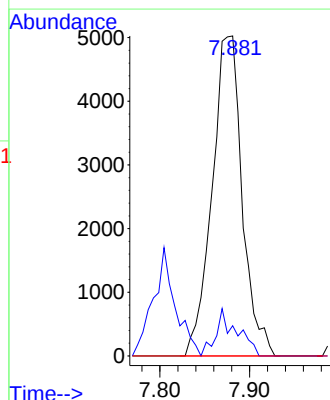
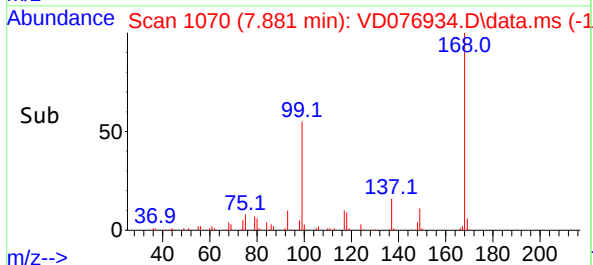
Tgt Ion:113 Resp: 102789
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 18.2 16.8 25.2

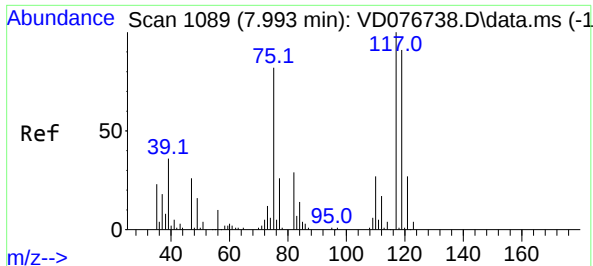


#36
1,1-Dichloropropene
Concen: 4.623 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.124 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35



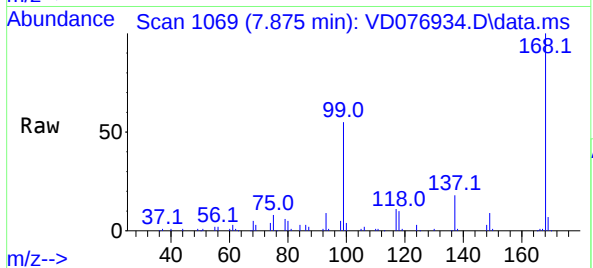
Tgt Ion: 75 Resp: 11718
Ion Ratio Lower Upper
75 100
110 10.3 19.9 59.6#
77 0.0 24.7 37.1#



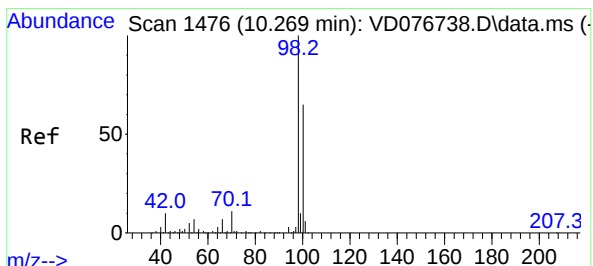
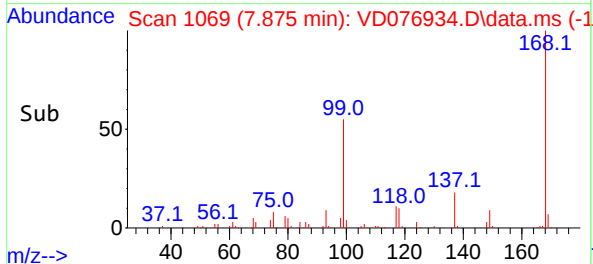
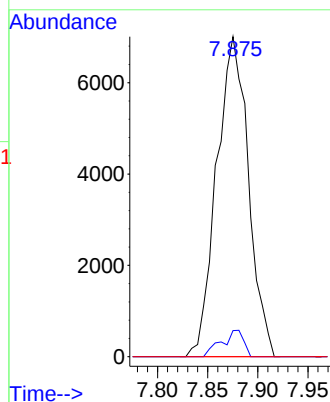


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

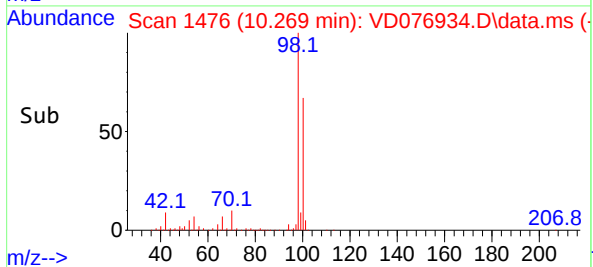
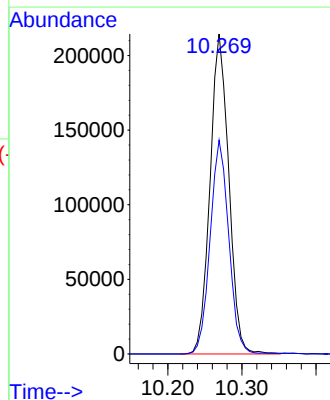
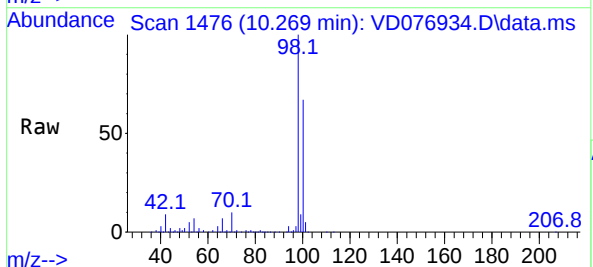


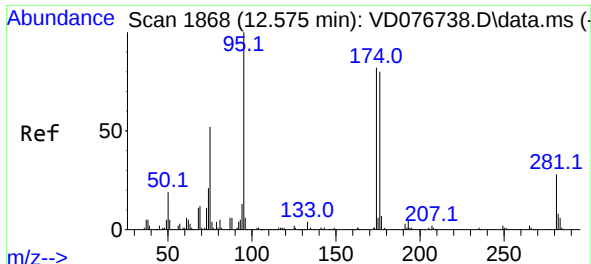
Tgt Ion:117 Resp: 15450
Ion Ratio Lower Upper
117 100
119 8.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.376 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 98 Resp: 377356
Ion Ratio Lower Upper
98 100
100 66.3 50.3 75.5

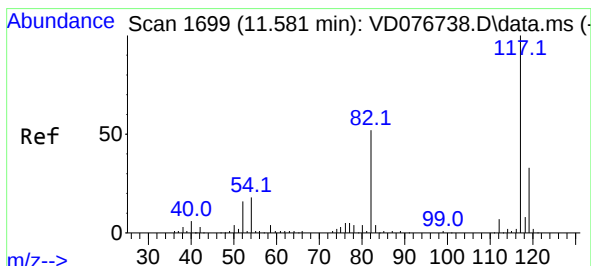
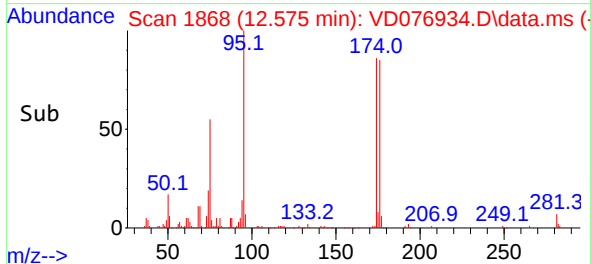
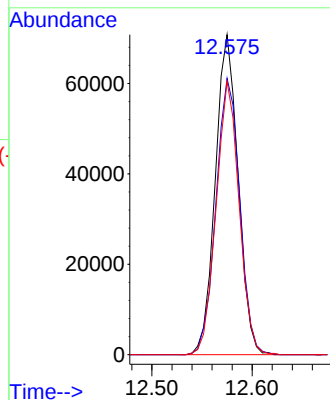
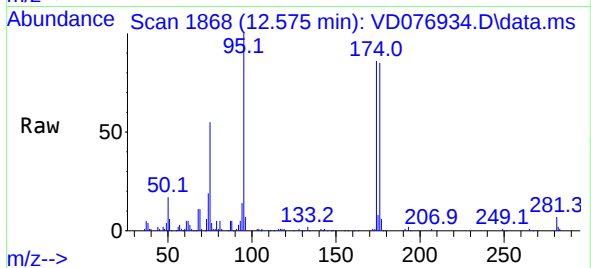




#62
4-Bromofluorobenzene
Concen: 49.752 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

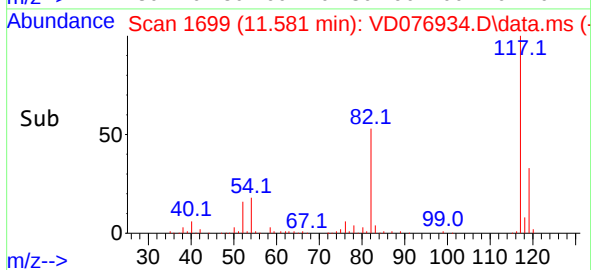
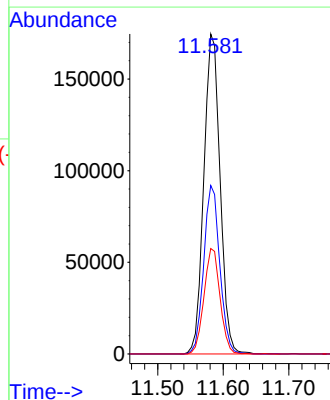
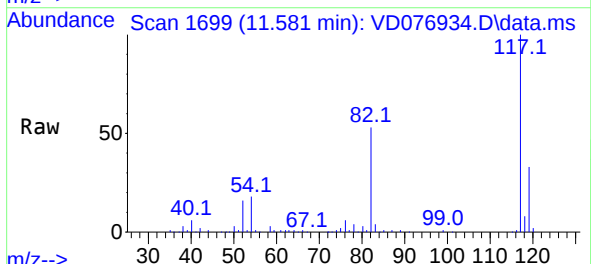
Instrument :
MSVOA_D
ClientSampleId :
B-PP04AA

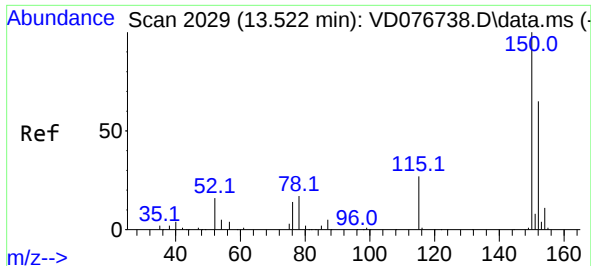
Tgt Ion: 95 Resp: 111694
Ion Ratio Lower Upper
95 100
174 90.2 0.0 201.8
176 85.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076934.D
Acq: 07 Aug 2023 16:35

Tgt Ion: 117 Resp: 301431
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.0 25.0 37.4

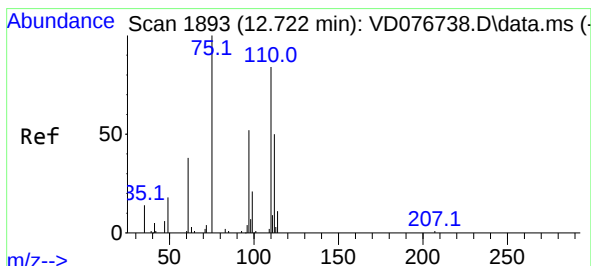
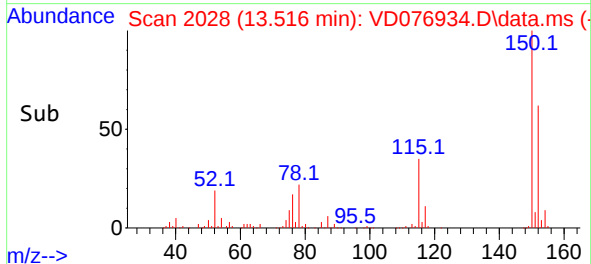
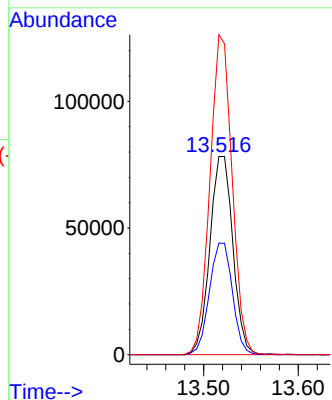
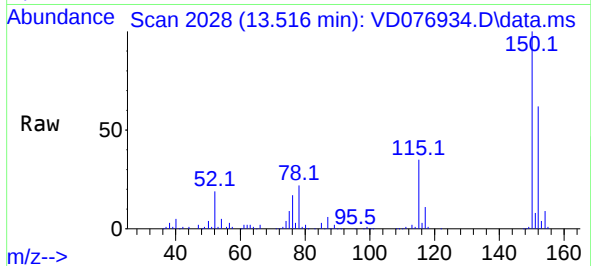




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076934.D
 Acq: 07 Aug 2023 16:35

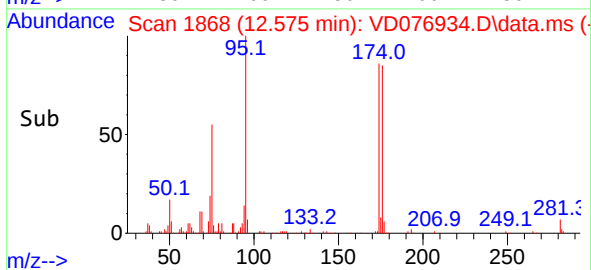
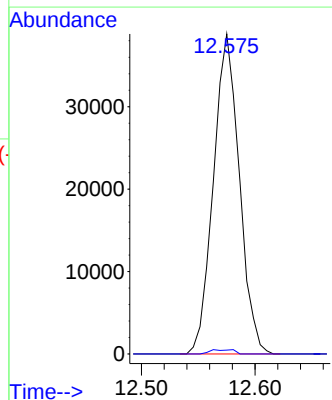
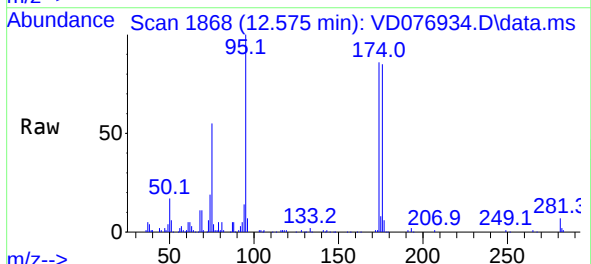
Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AA

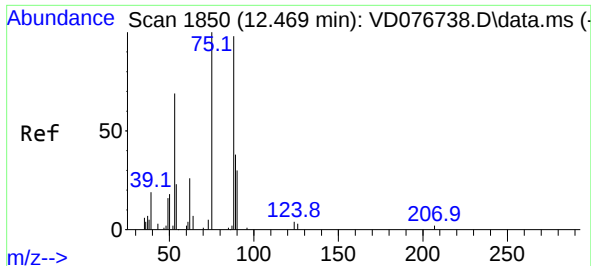
Tgt Ion:152 Resp: 132391
 Ion Ratio Lower Upper
 152 100
 115 56.2 27.1 81.3
 150 155.2 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.851 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076934.D
 Acq: 07 Aug 2023 16:35

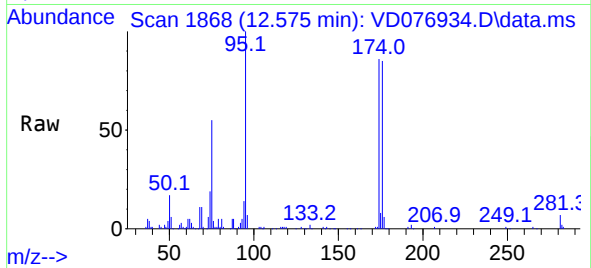
Tgt Ion: 75 Resp: 61504
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.967 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076934.D
 Acq: 07 Aug 2023 16:35

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP04AA



Tgt Ion:	75	Resp:	61504
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.5	37.9	56.9#

