

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076931.D
 Acq On : 07 Aug 2023 15:16
 Operator : KP/SY
 Sample : 03891-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 08 04:40:10 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)

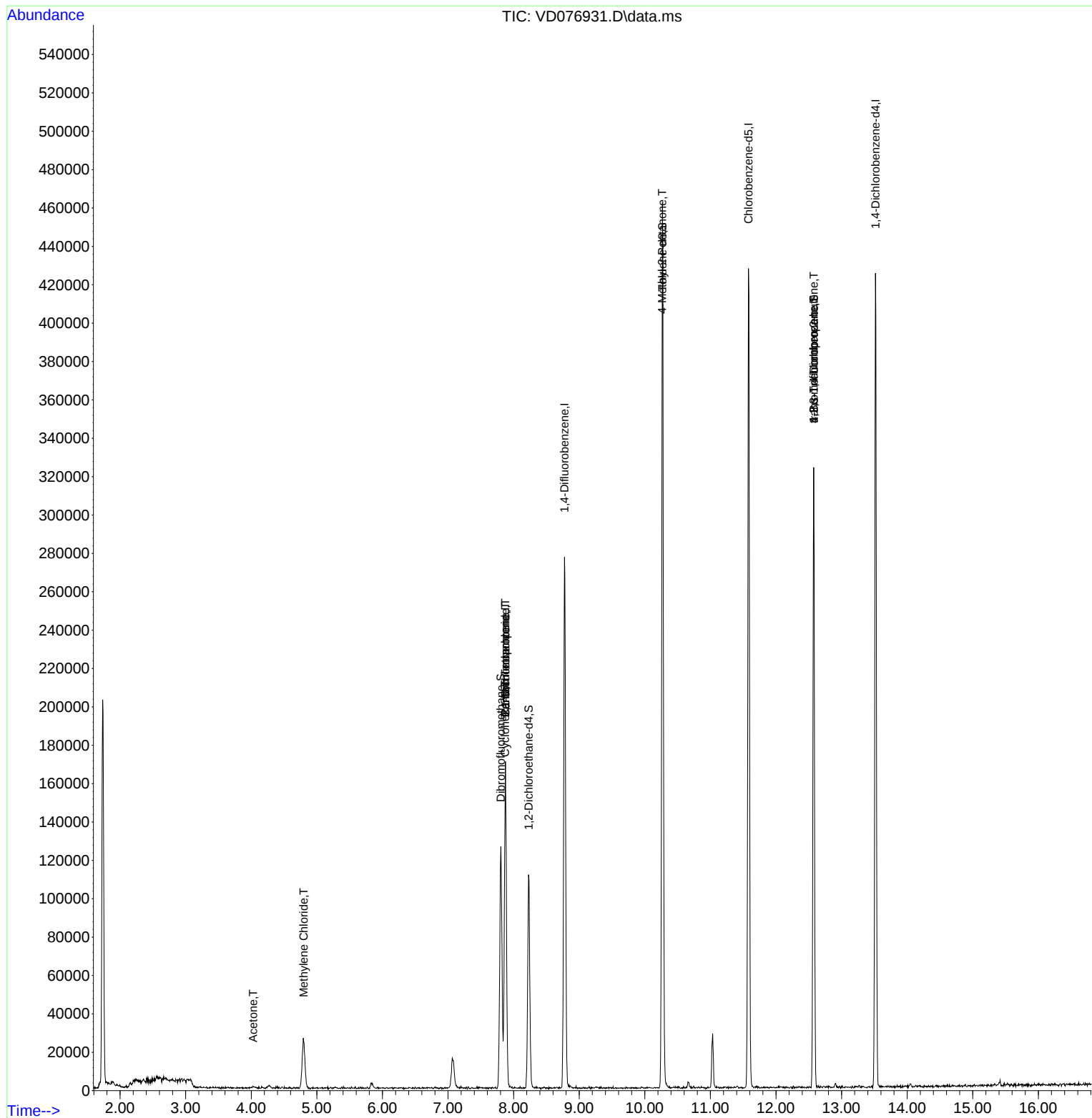
Internal Standards						
1) Pentafluorobenzene	7.875	168	127521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	256634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82446	64.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.820%	
35) Dibromofluoromethane	7.805	113	92801	57.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.080%	
50) Toluene-d8	10.269	98	317959	55.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.220%	
62) 4-Bromofluorobenzene	12.575	95	95731	51.293	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	923	3.043	ug/l #	67
20) Methylene Chloride	4.799	84	20703	1.464	ug/l	90
31) Cyclohexane	7.869	56	2822	1.510	ug/l #	55
36) 1,1-Dichloropropene	7.875	75	9873	4.685	ug/l #	51
38) Carbon Tetrachloride	7.875	117	12694	6.291	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1342	1.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	51676	46.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51676	98.868	ug/l #	17

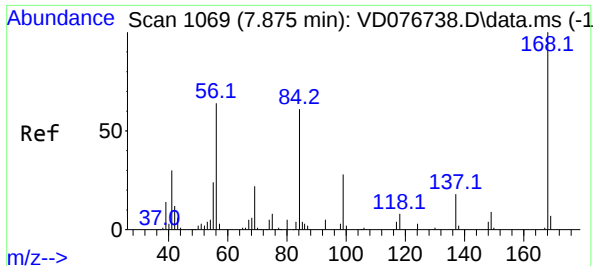
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

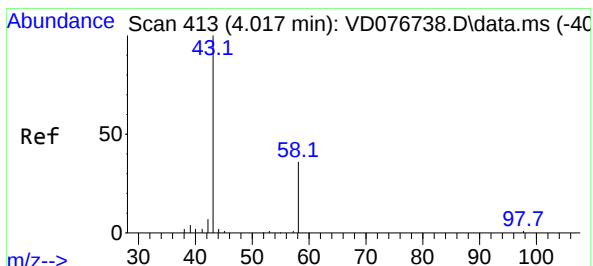
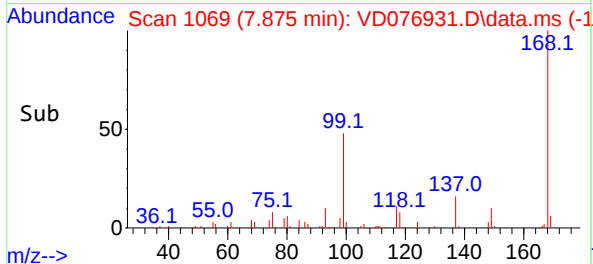
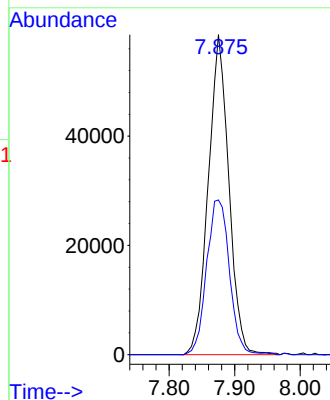
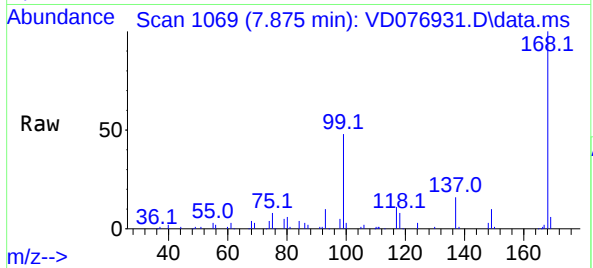




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

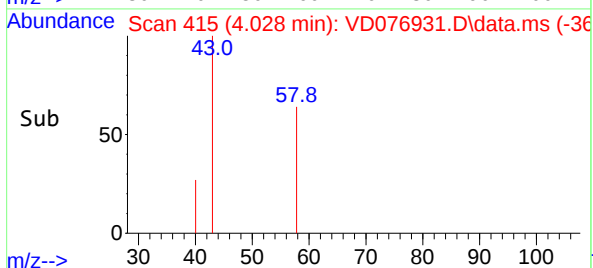
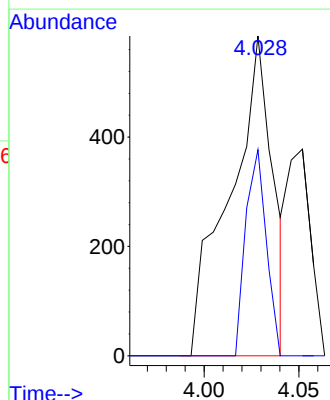
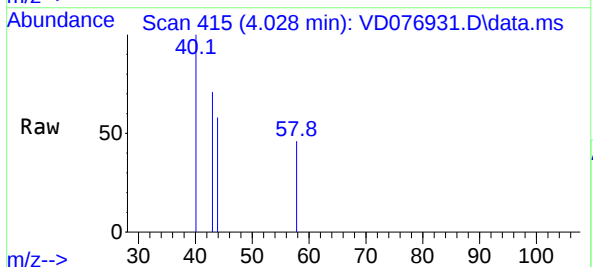
Instrument :
MSVOA_D
ClientSampleId :
TP-1

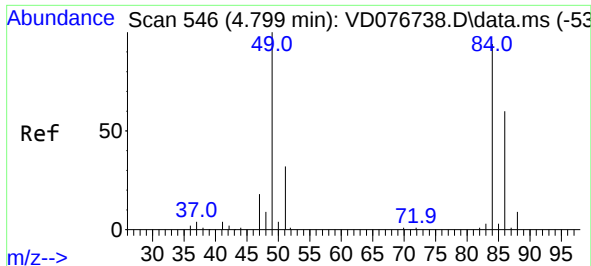
Tgt Ion:168 Resp: 127521
Ion Ratio Lower Upper
168 100
99 48.4 36.7 55.1



#16
Acetone
Concen: 3.043 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
58 64.4 34.7 52.1#



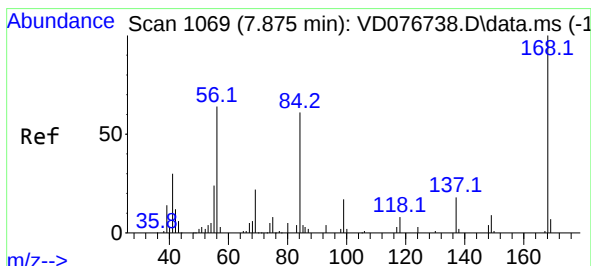
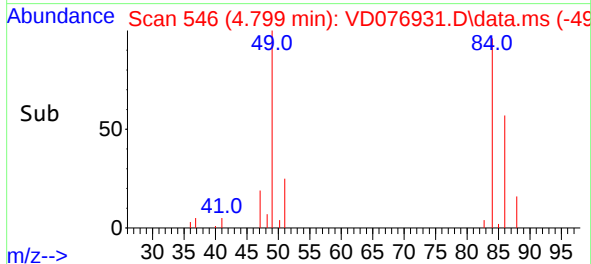
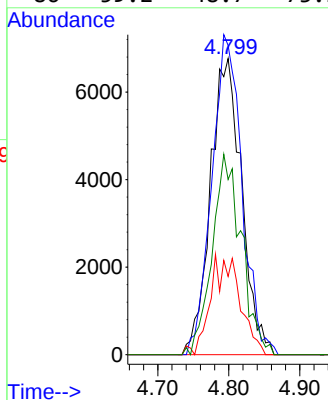
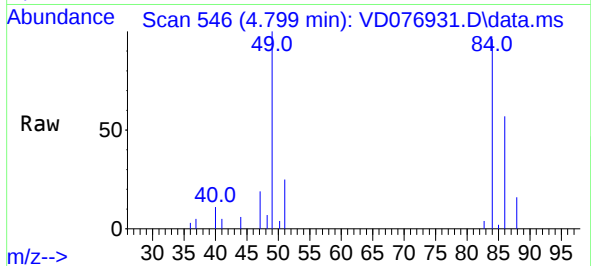


#20
Methylene Chloride
Concen: 1.464 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 20703

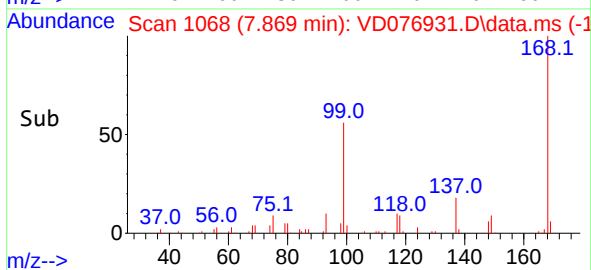
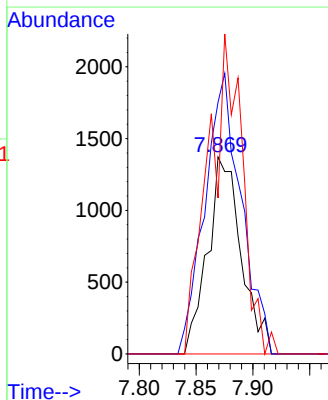
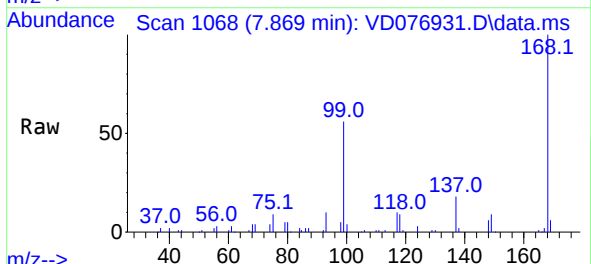
Ion	Ratio	Lower	Upper
84	100		
49	104.5	71.4	107.2
51	26.4	24.5	36.7
86	59.2	48.7	73.1

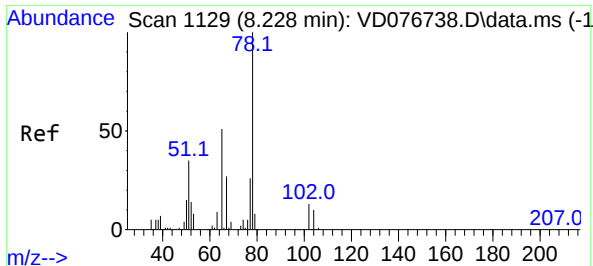


#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion: 56 Resp: 2822

Ion	Ratio	Lower	Upper
56	100		
69	127.8	28.6	43.0#
84	98.4	84.8	127.2

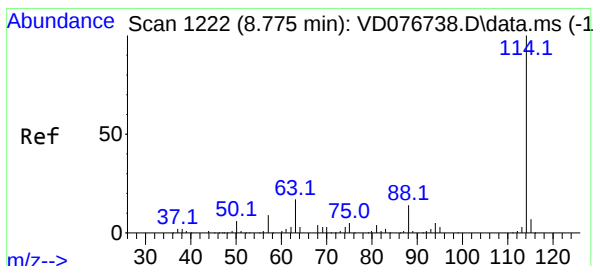
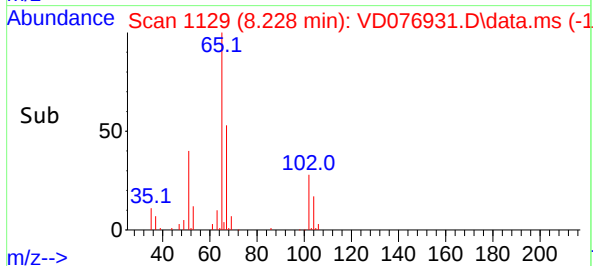
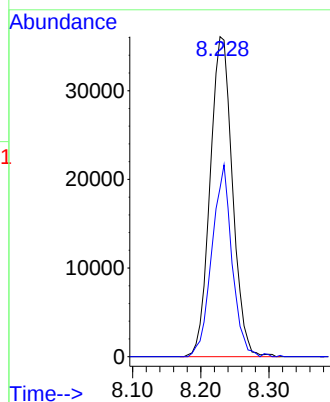
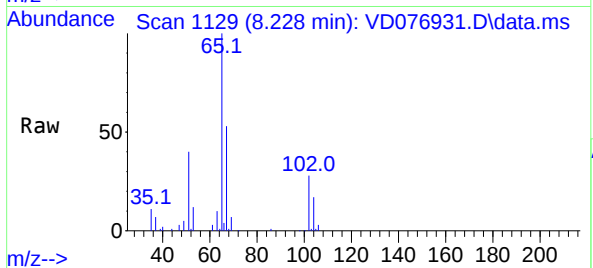




#33
1,2-Dichloroethane-d4
Concen: 64.911 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

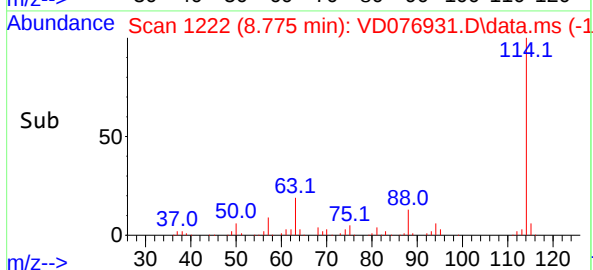
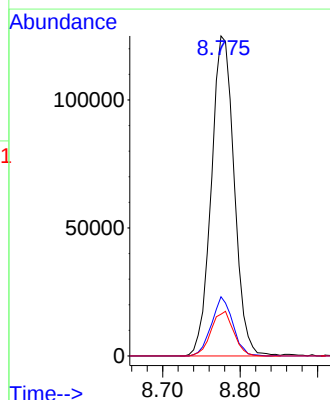
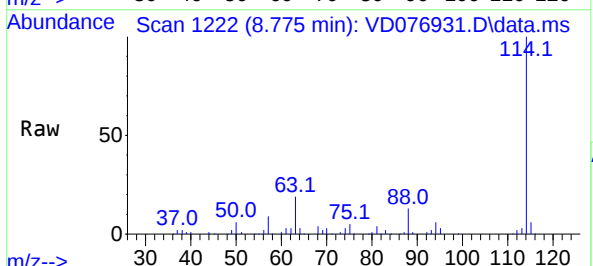
Instrument :
MSVOA_D
ClientSampleId :
TP-1

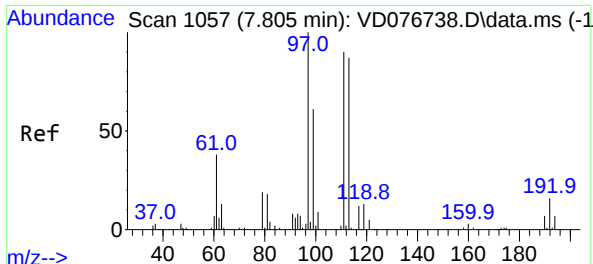
Tgt Ion: 65 Resp: 82446
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion:114 Resp: 256634
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 13.1 0.0 26.2

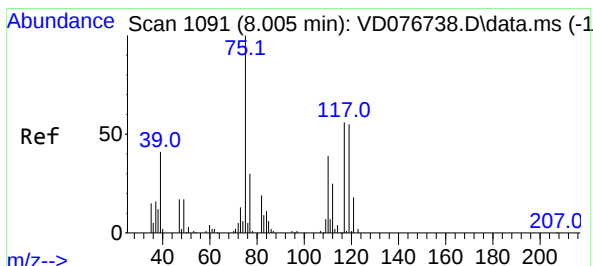
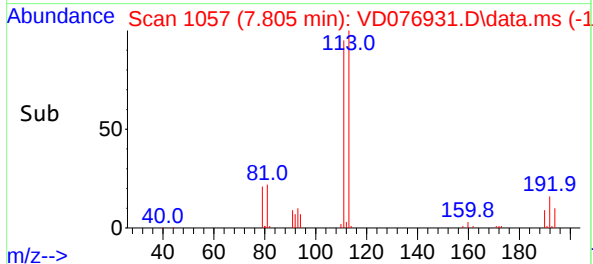
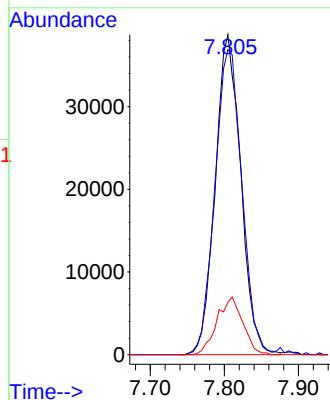
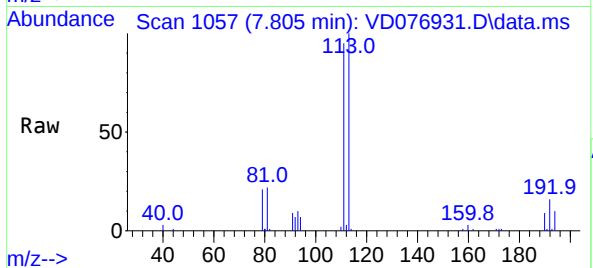




#35
Dibromofluoromethane
Concen: 57.544 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

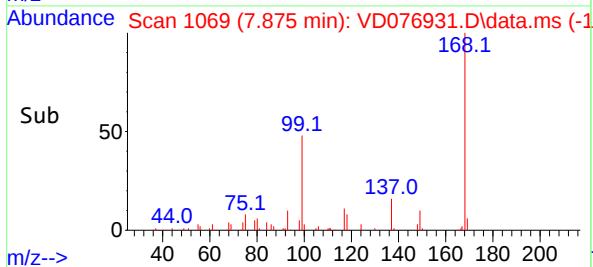
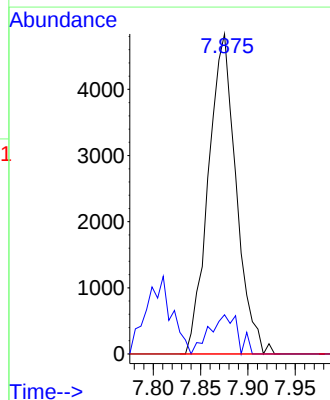
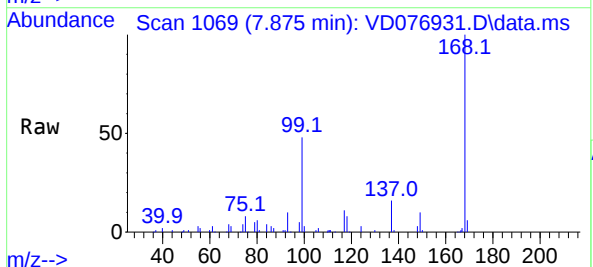
Instrument :
MSVOA_D
ClientSampleId :
TP-1

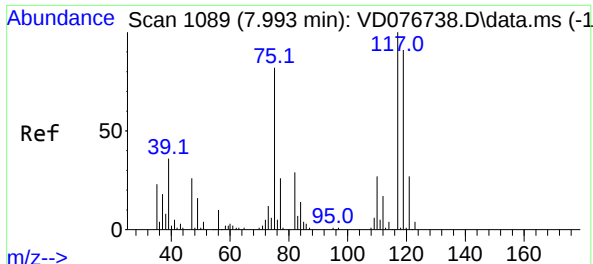
Tgt Ion:113 Resp: 92801
Ion Ratio Lower Upper
113 100
111 100.4 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.685 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

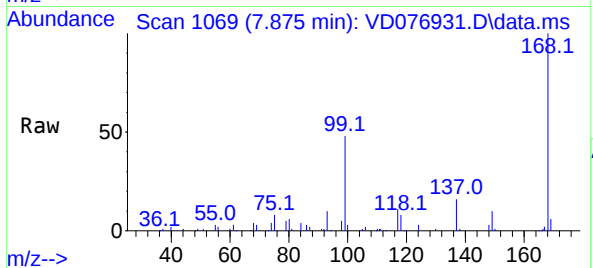
Tgt Ion: 75 Resp: 9873
Ion Ratio Lower Upper
75 100
110 12.6 19.9 59.6#
77 0.0 24.7 37.1#



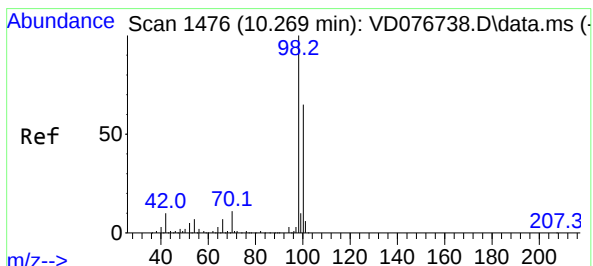
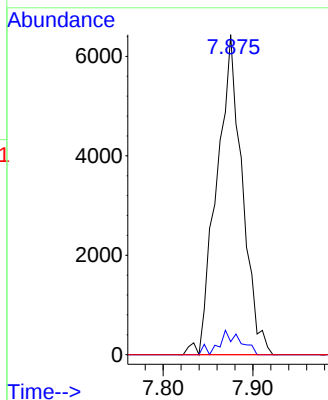
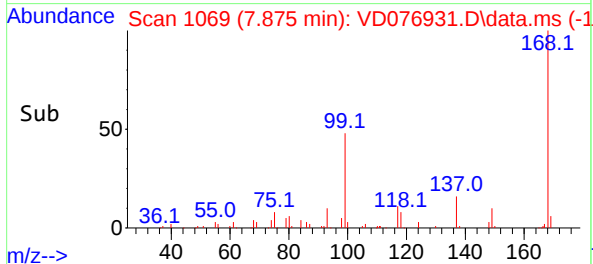


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Instrument :
MSVOA_D
ClientSampleId :
TP-1

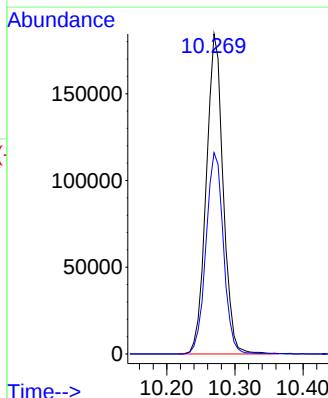
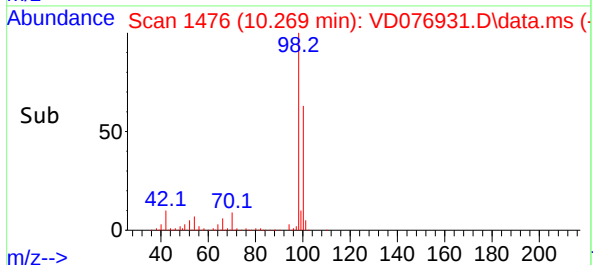
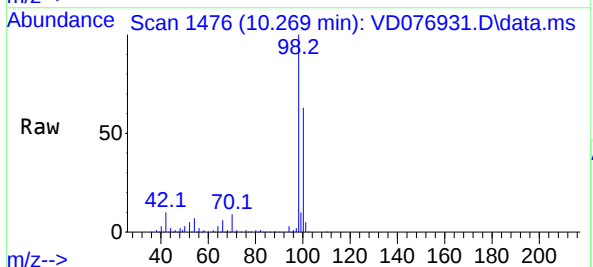


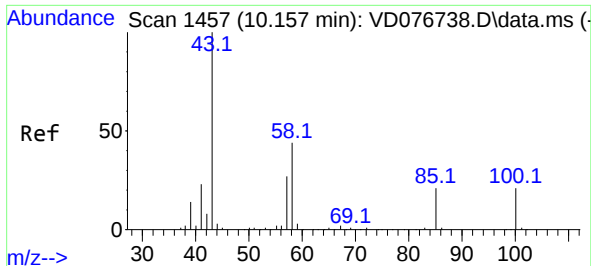
Tgt Ion:117 Resp: 12694
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 55.113 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion: 98 Resp: 317959
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 1.370 ug/l

RT: 10.263 min Scan# 14

Delta R.T. 0.106 min

Lab File: VD076931.D

Acq: 07 Aug 2023 15:16

Instrument :

MSVOA_D

ClientSampleId :

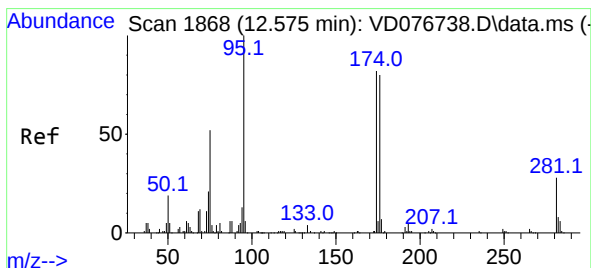
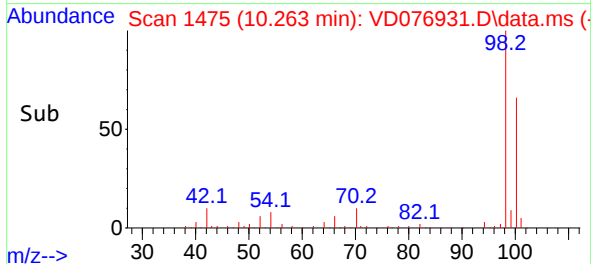
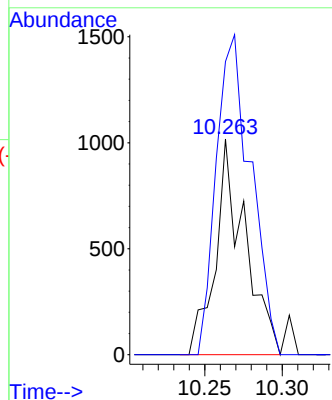
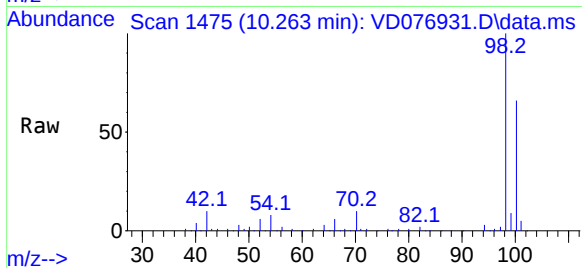
TP-1

Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 174.5 38.9 58.3#



#62

4-Bromofluorobenzene

Concen: 51.293 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076931.D

Acq: 07 Aug 2023 15:16

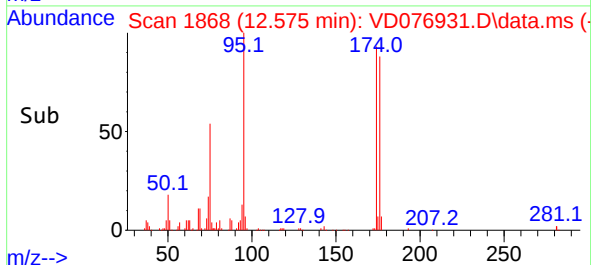
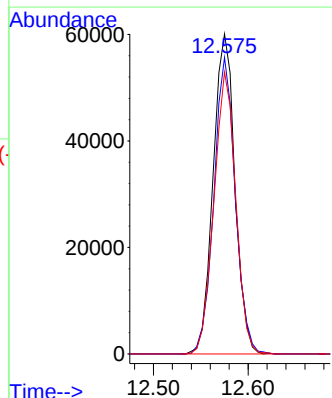
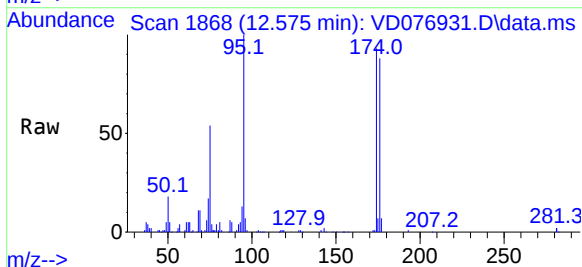
Tgt Ion: 95 Resp: 95731

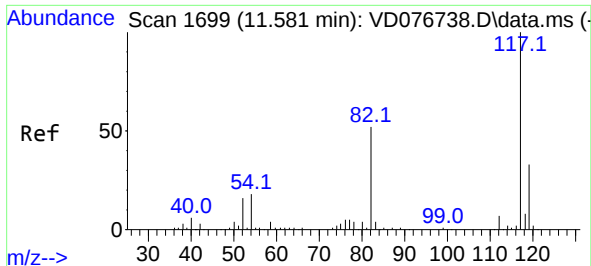
Ion Ratio Lower Upper

95 100

174 91.2 0.0 201.8

176 88.1 0.0 191.8

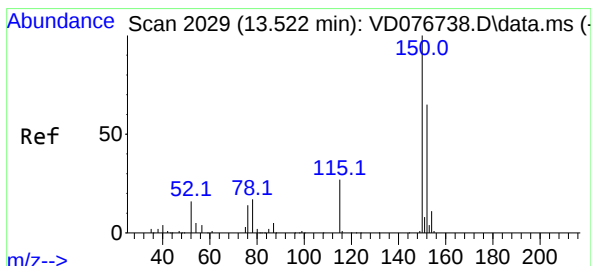
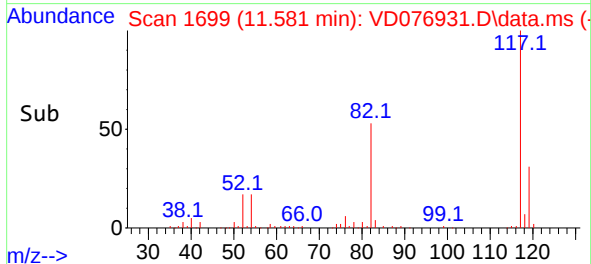
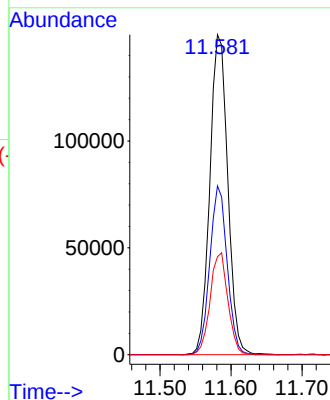
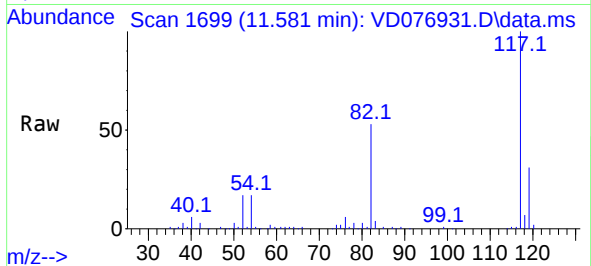




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

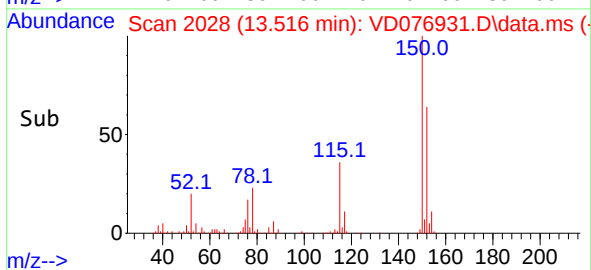
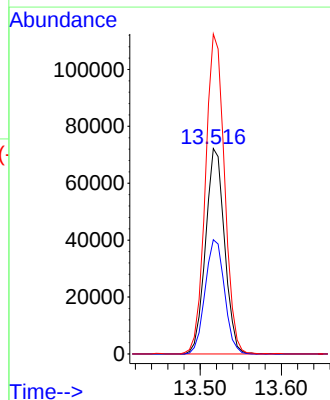
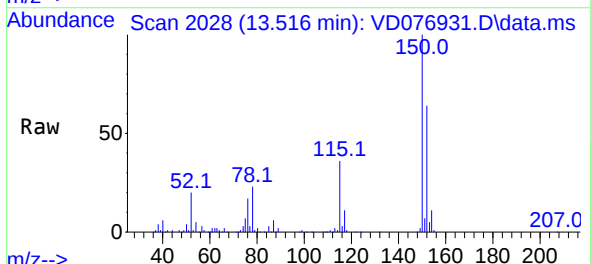
Instrument :
MSVOA_D
ClientSampleId :
TP-1

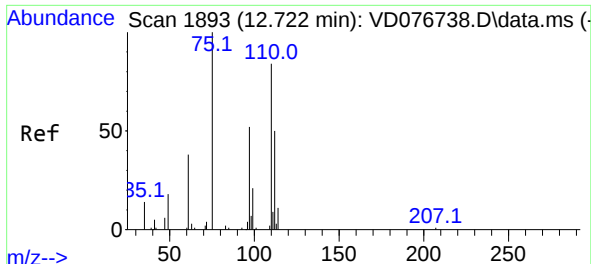
Tgt Ion:117 Resp: 262193
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion:152 Resp: 116972
Ion Ratio Lower Upper
152 100
115 56.7 27.1 81.3
150 156.4 0.0 353.6

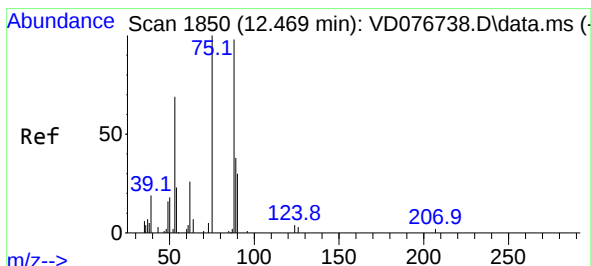
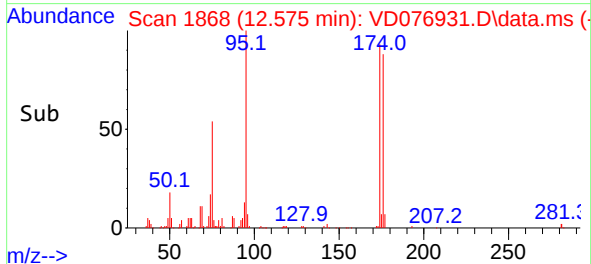
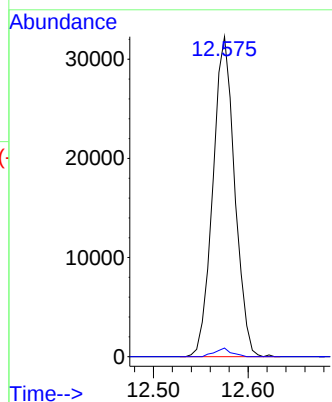
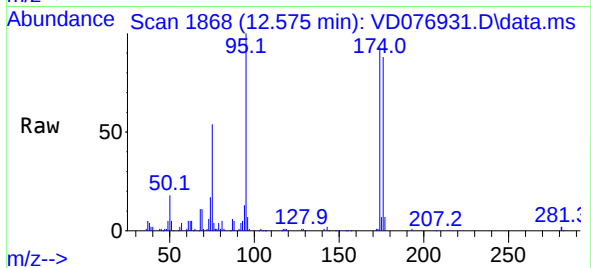




#76
1,2,3-Trichloropropane
Concen: 46.455 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 75 Resp: 51676
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.868 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076931.D
Acq: 07 Aug 2023 15:16

Tgt Ion: 75 Resp: 51676
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

