

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076898.D
 Acq On : 02 Aug 2023 14:50
 Operator : KP/SY
 Sample : VD0802SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0802SBL01

Quant Time: Aug 03 01:24:12 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

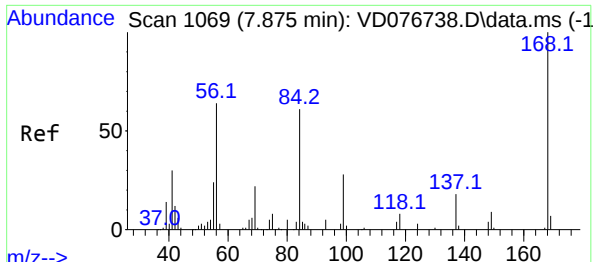
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	154697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84695	54.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.799	113	102942	54.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.700%	
50) Toluene-d8	10.269	98	317541	47.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.575	95	103404	47.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	184	1.600	ug/l #	73
16) Acetone	4.028	43	1416	3.848	ug/l #	79
20) Methylene Chloride	4.799	84	28286	3.286	ug/l #	81
25) 2-Butanone	7.069	43	1767	3.588	ug/l #	37
31) Cyclohexane	7.869	56	4153	1.831	ug/l #	47
36) 1,1-Dichloropropene	7.875	75	12969	5.289	ug/l #	47
37) Ethyl Acetate	7.069	43	1767	1.611	ug/l #	24
38) Carbon Tetrachloride	7.869	117	15621	6.653	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	54375	47.599	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54375	101.302	ug/l #	17

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

Quant Time: Aug 03 01:24:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

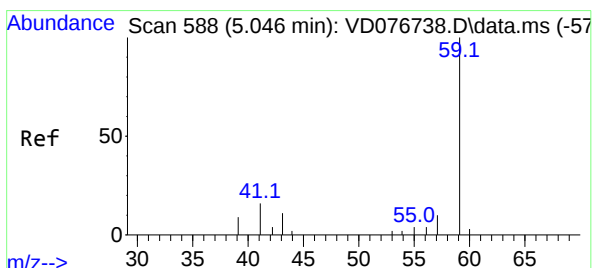
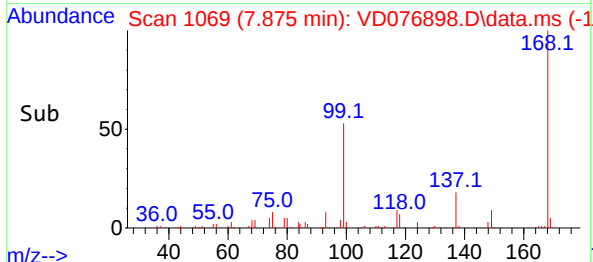
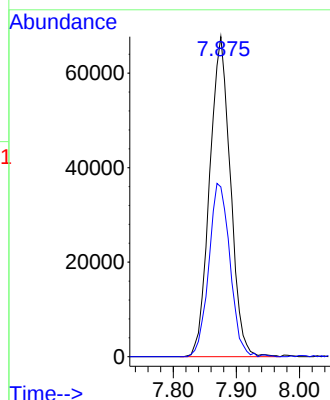
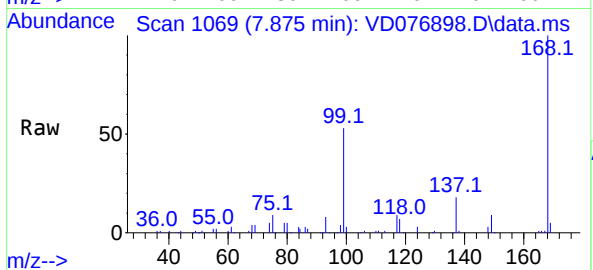




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

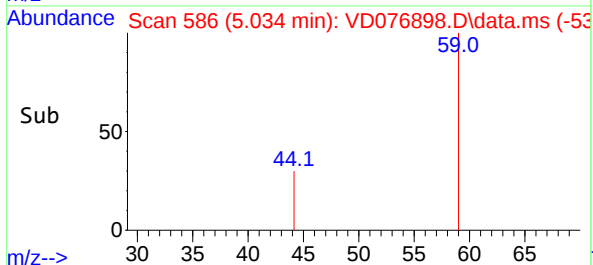
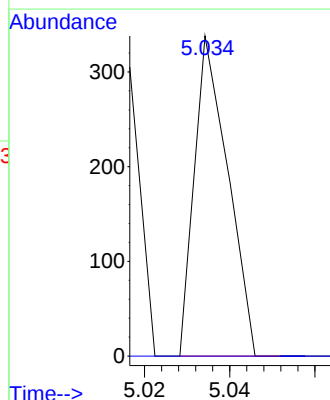
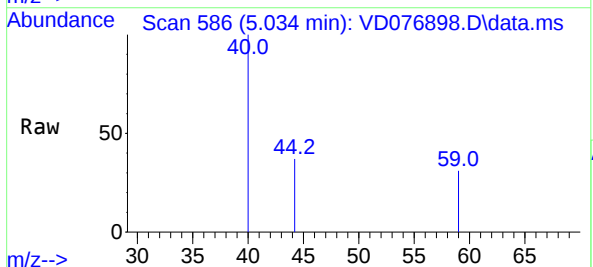
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

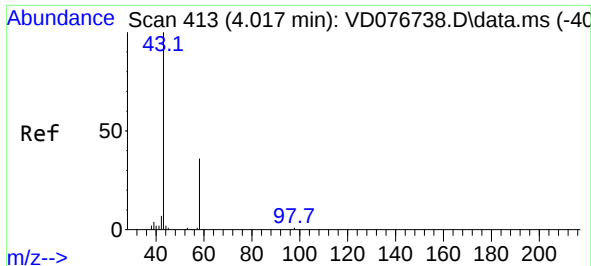
Tgt Ion:168 Resp: 154697
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#11
Tert butyl alcohol
Concen: 1.600 ug/l
RT: 5.034 min Scan# 586
Delta R.T. -0.012 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

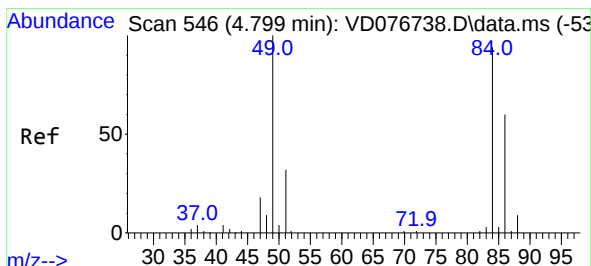
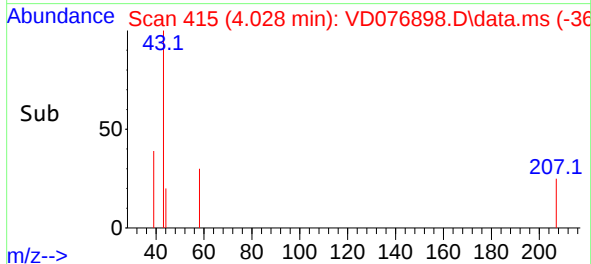
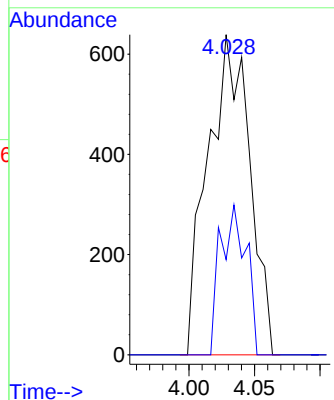
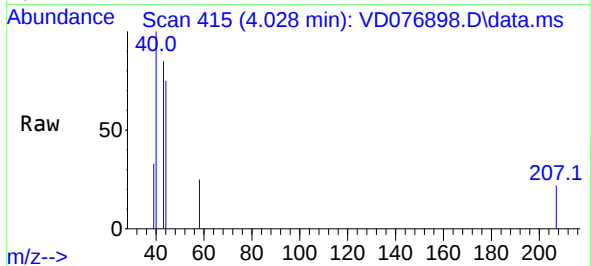




#16
Acetone
Concen: 3.848 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.011 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

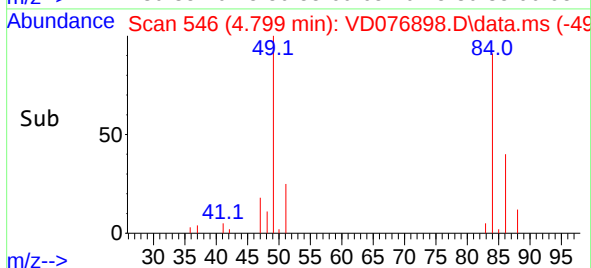
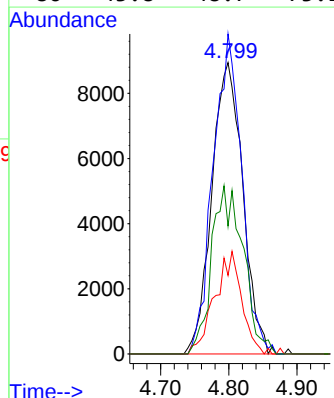
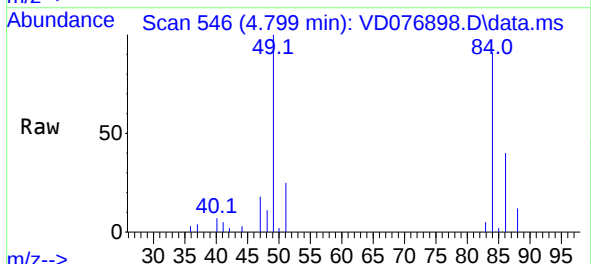
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

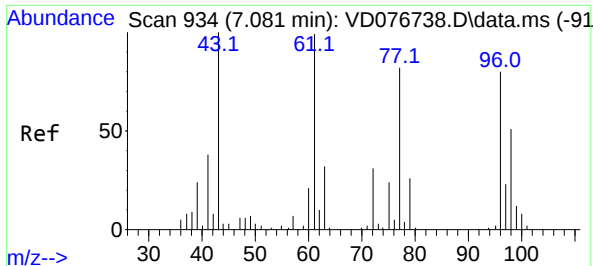
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 29.7 34.7 52.1#



#20
Methylene Chloride
Concen: 3.286 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 84 Resp: 28286
Ion Ratio Lower Upper
84 100
49 109.8 71.4 107.2#
51 27.0 24.5 36.7
86 43.8 48.7 73.1#

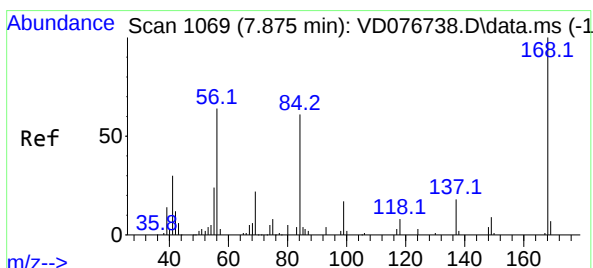
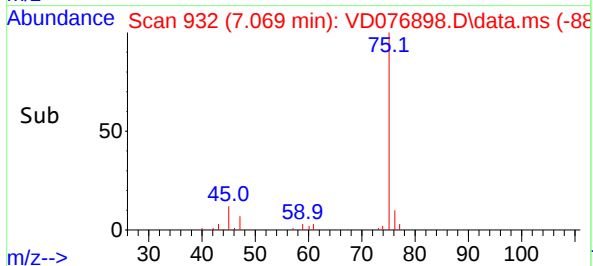
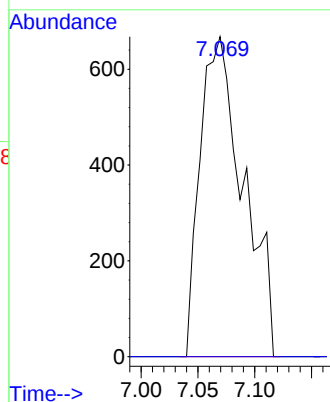
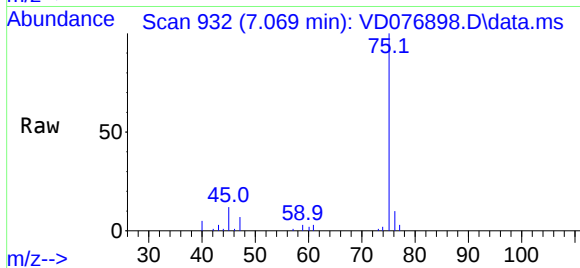




#25
2-Butanone
Concen: 3.588 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

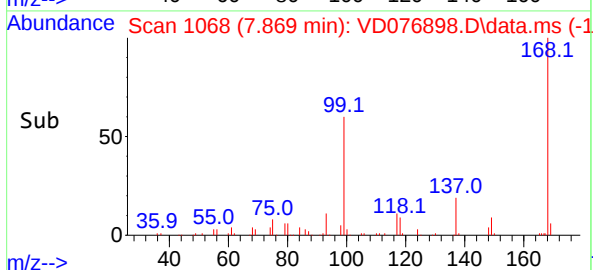
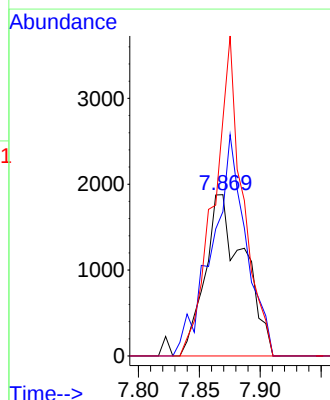
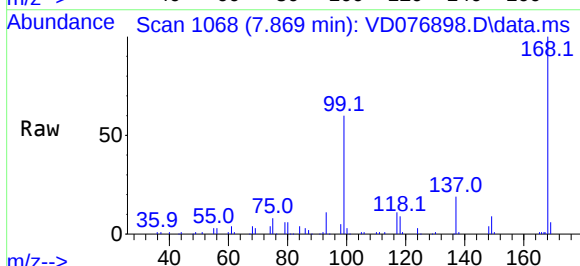
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

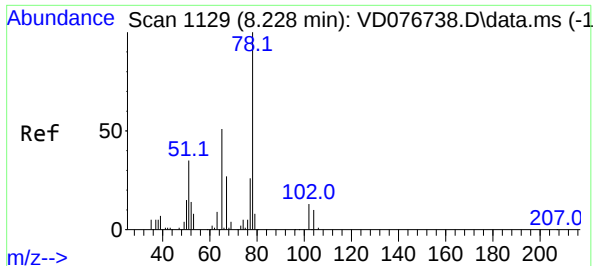
Tgt Ion: 43 Resp: 1767
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.831 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 89.5 28.6 43.0#
84 146.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 54.967 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076898.D

Acq: 02 Aug 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

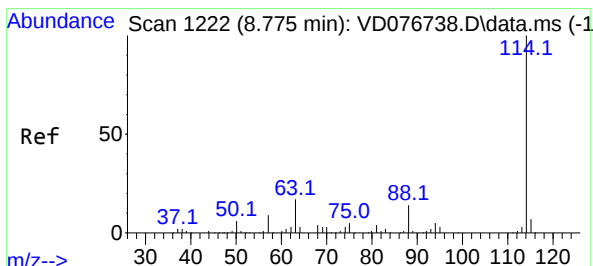
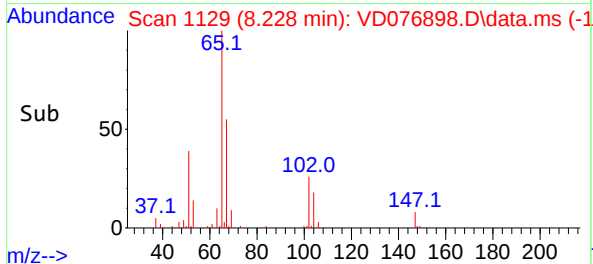
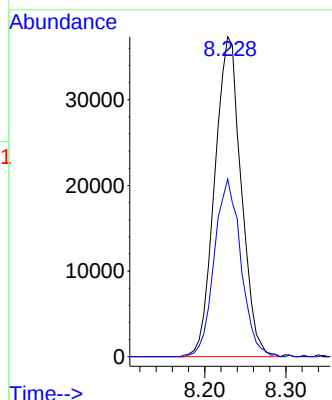
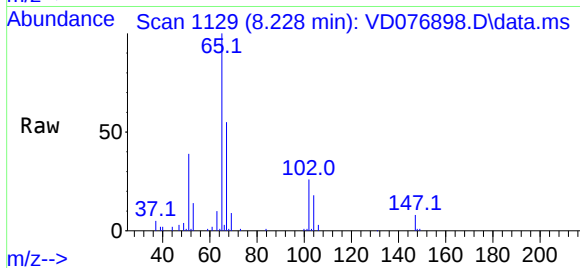
VD0802SBL01

Tgt Ion: 65 Resp: 84695

Ion Ratio Lower Upper

65 100

67 55.9 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: VD076898.D

Acq: 02 Aug 2023 14:50

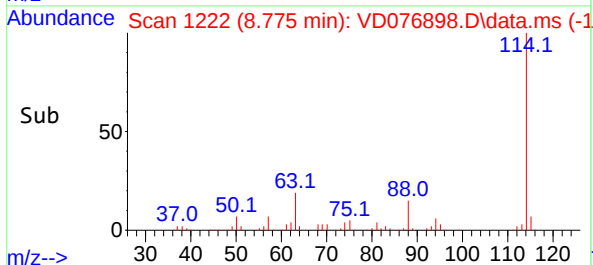
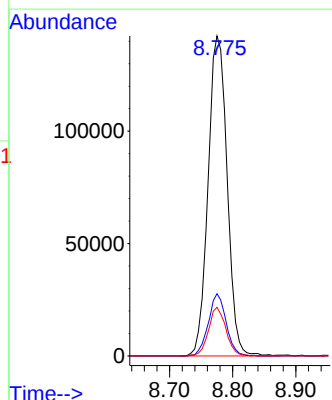
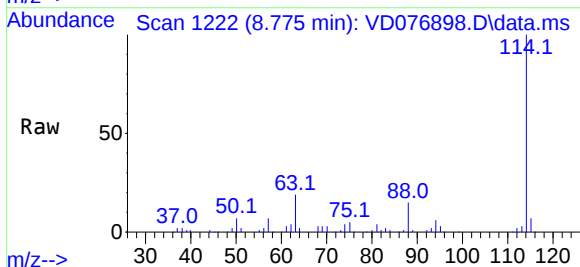
Tgt Ion: 114 Resp: 298631

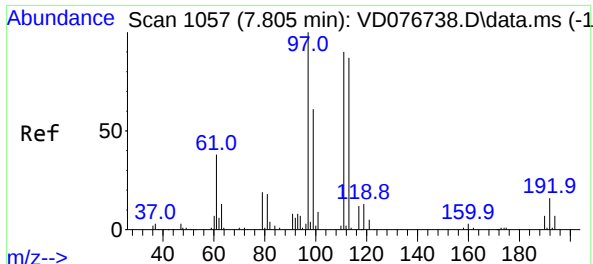
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

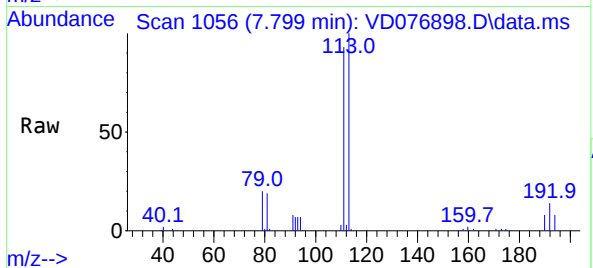
88 15.2 0.0 26.2



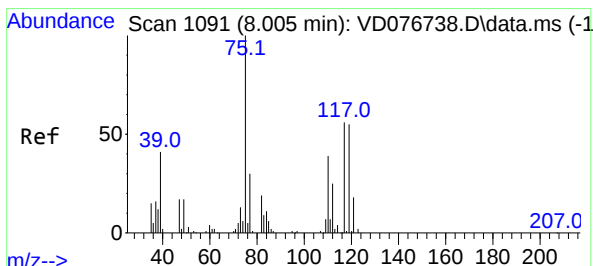
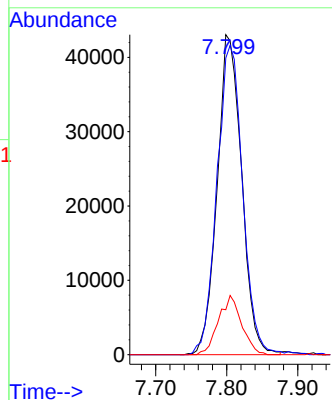
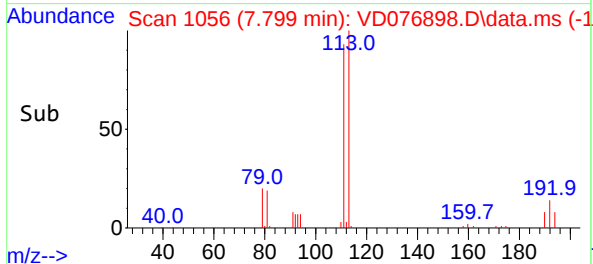


#35
Dibromofluoromethane
Concen: 54.855 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

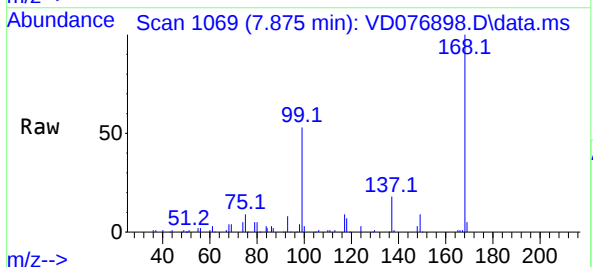
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01



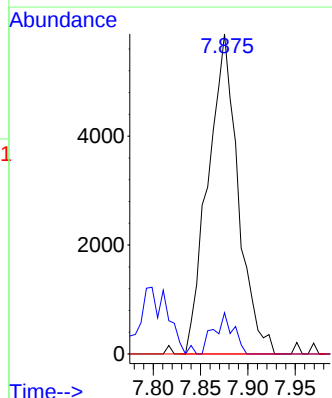
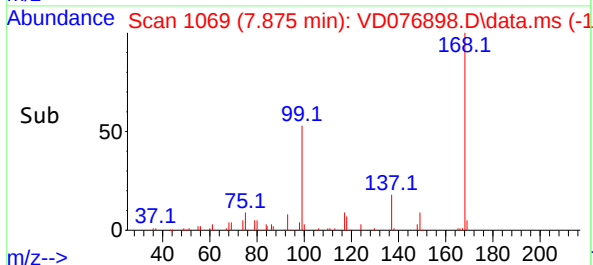
Tgt Ion:113 Resp: 102942
Ion Ratio Lower Upper
113 100
111 101.4 84.7 127.1
192 17.5 16.8 25.2

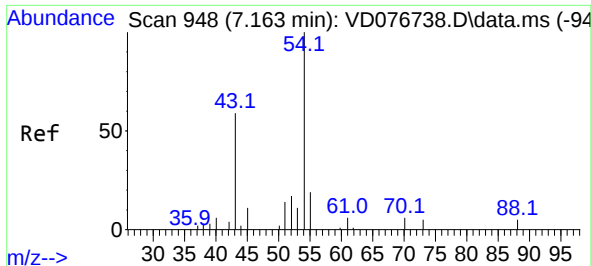


#36
1,1-Dichloropropene
Concen: 5.289 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50



Tgt Ion: 75 Resp: 12969
Ion Ratio Lower Upper
75 100
110 8.3 19.9 59.6#
77 0.0 24.7 37.1#

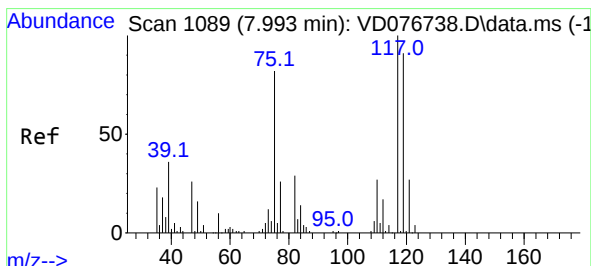
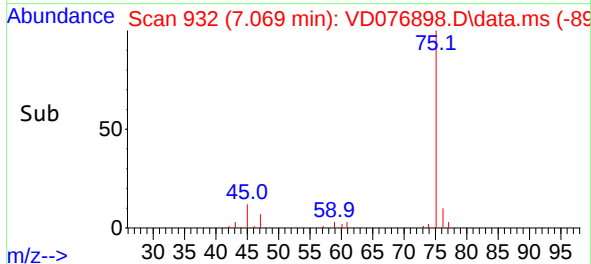
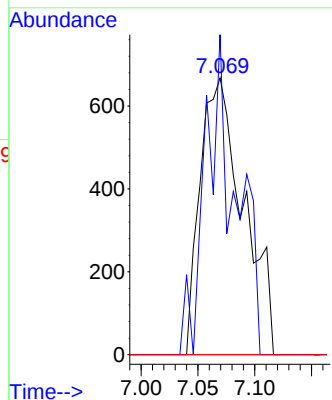
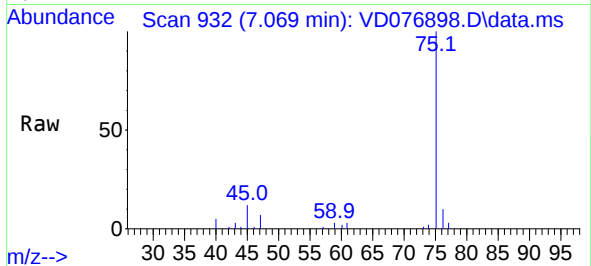




#37
Ethyl Acetate
Concen: 1.611 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.094 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

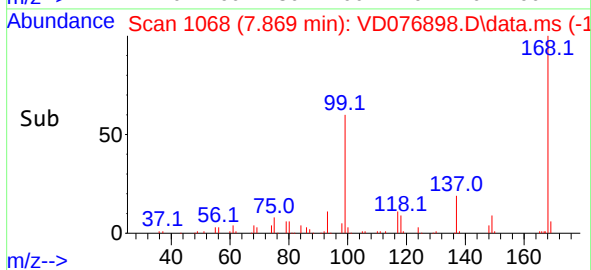
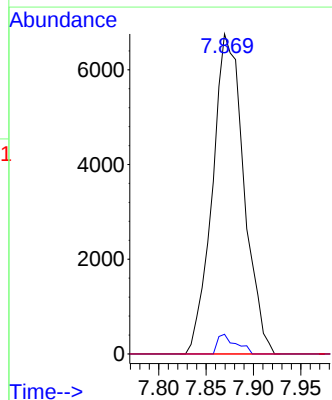
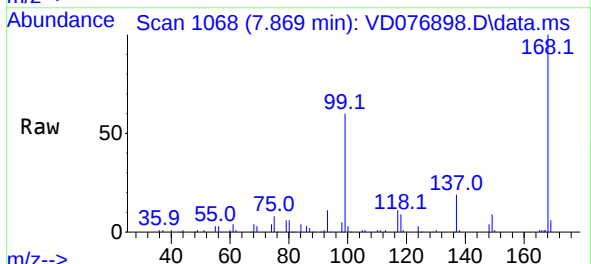
Instrument :
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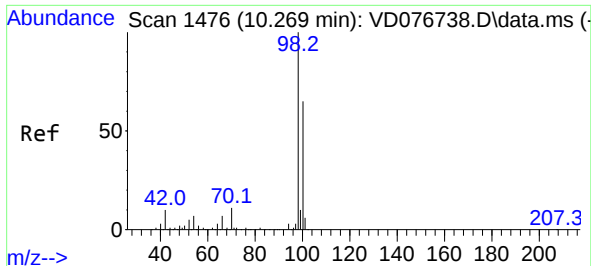
Tgt Ion: 43	Resp: 1767		
Ion Ratio	Lower	Upper	
43	100		
61	66.2	14.9	22.3#
70	0.0	10.0	15.0#



#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion:117	Resp:	15621	
Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.0	117.0#
121	0.0	24.2	36.2#

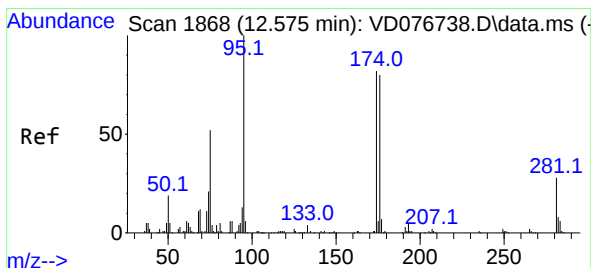
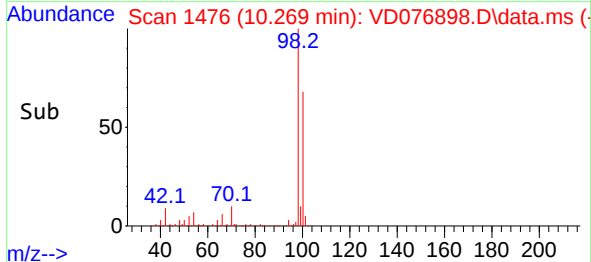
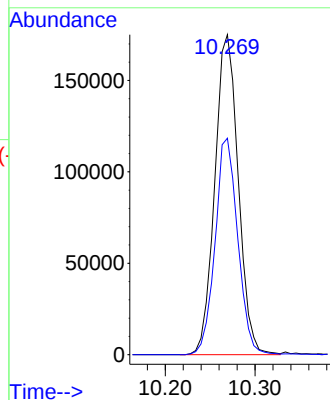
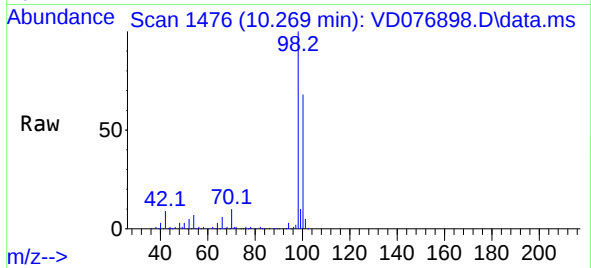




#50
Toluene-d8
Concen: 47.300 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

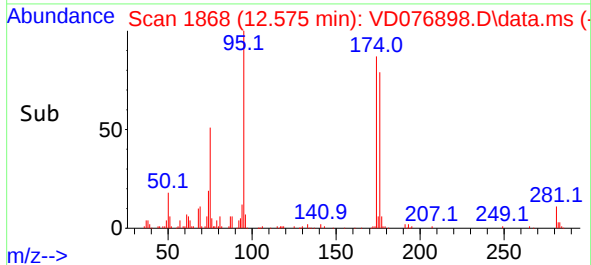
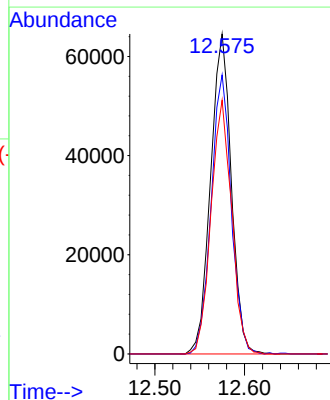
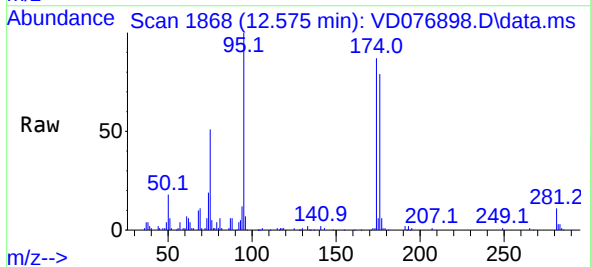
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

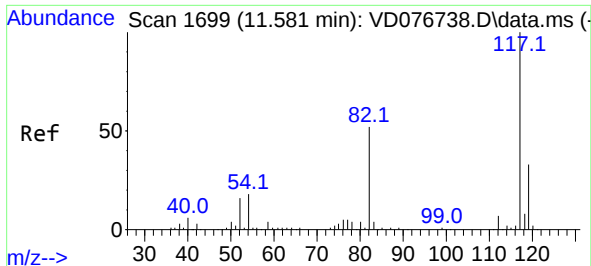
Tgt Ion: 98 Resp: 317541
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 95 Resp: 103404
Ion Ratio Lower Upper
95 100
174 85.3 0.0 201.8
176 78.8 0.0 191.8

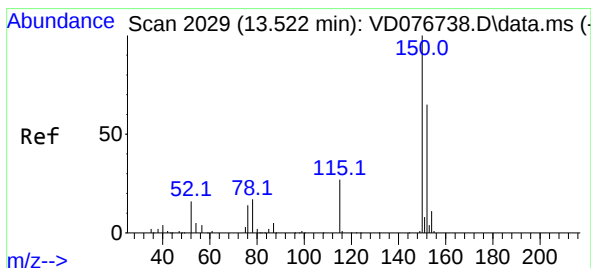
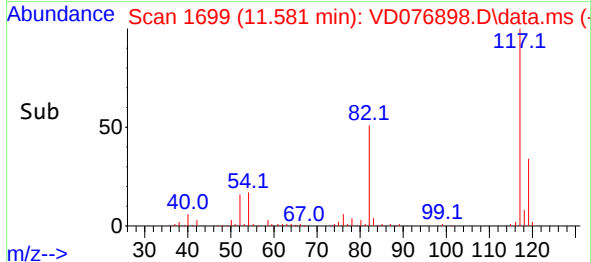
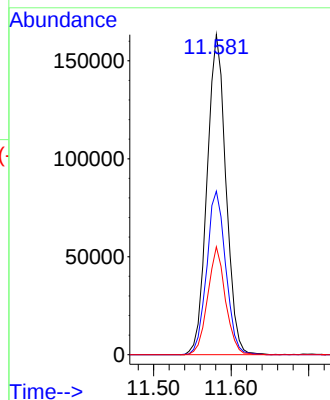
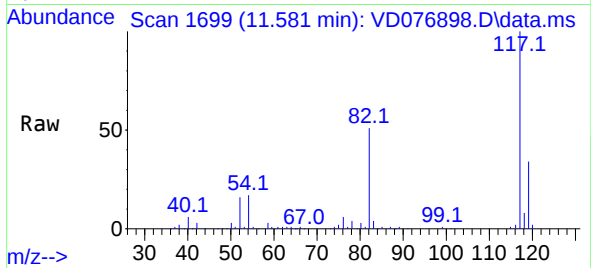




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

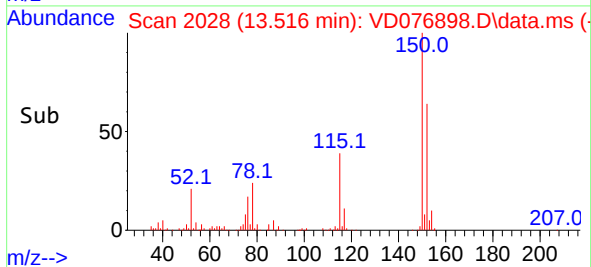
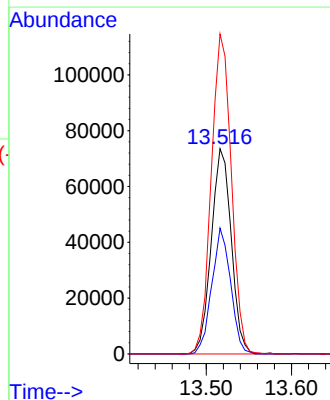
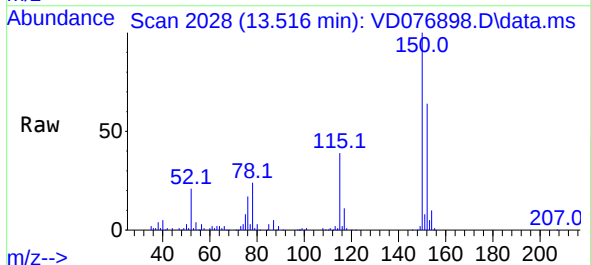
Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

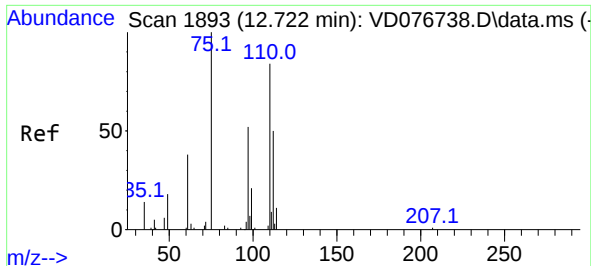
Tgt Ion:117 Resp: 275804
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 33.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion:152 Resp: 120124
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 155.9 0.0 353.6

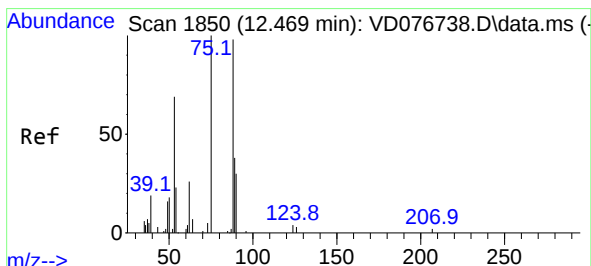
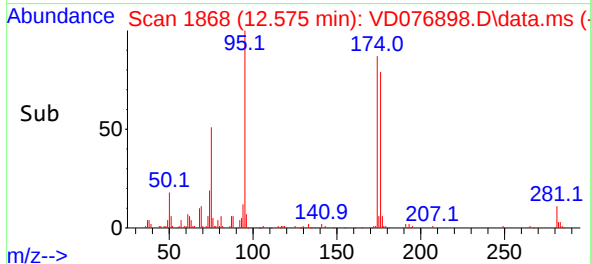
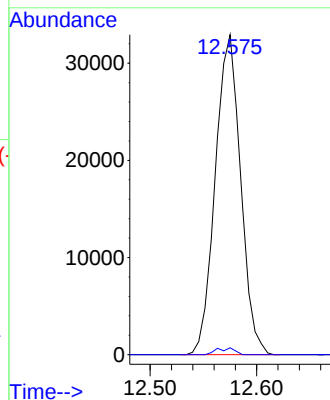
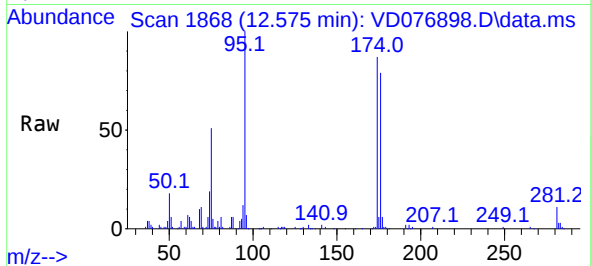




#76
1,2,3-Trichloropropane
Concen: 47.599 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
VD0802SBL01

Tgt Ion: 75 Resp: 54375
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.302 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076898.D
Acq: 02 Aug 2023 14:50

Tgt Ion: 75 Resp: 54375
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

