

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080223\
 Data File : VD076908.D
 Acq On : 02 Aug 2023 19:59
 Operator : KP/SY
 Sample : 03877-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Aug 03 01:26:13 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)

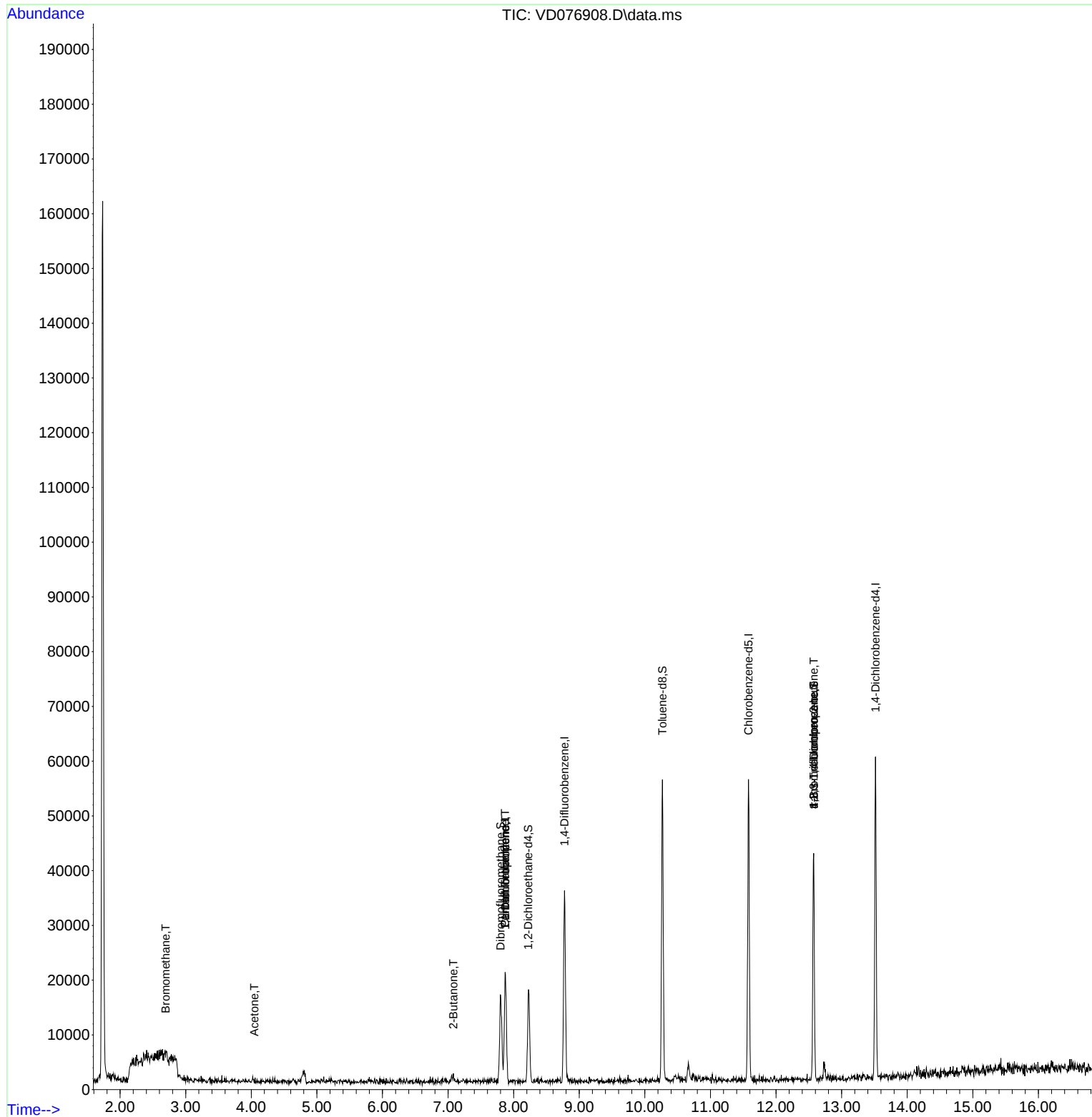
Internal Standards						
1) Pentafluorobenzene	7.869	168	15546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	12846	82.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.920%#	
35) Dibromofluoromethane	7.799	113	11684	58.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.500%	
50) Toluene-d8	10.269	98	38186	53.213	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.575	95	12994	55.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.940%	
Target Compounds						Qvalue
5) Bromomethane	2.693	94	525	2.283	ug/l #	19
16) Acetone	4.046	43	97	2.623	ug/l #	32
20) Methylene Chloride	4.793	84	1111	Below Cal	#	89
25) 2-Butanone	7.081	43	89	1.798	ug/l #	37
36) 1,1-Dichloropropene	7.875	75	1234	4.708	ug/l #	46
38) Carbon Tetrachloride	7.869	117	1702	6.781	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	6721	45.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	6721	95.944	ug/l #	17

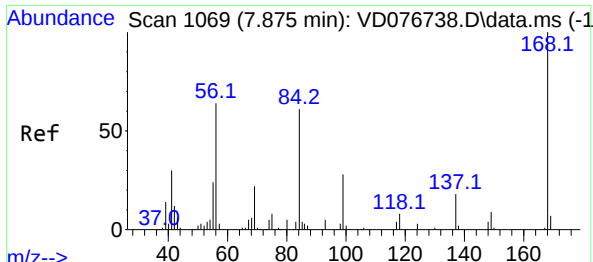
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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COMP-3

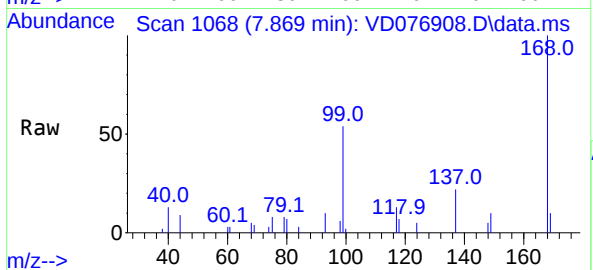
Quant Time: Aug 03 01:26:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
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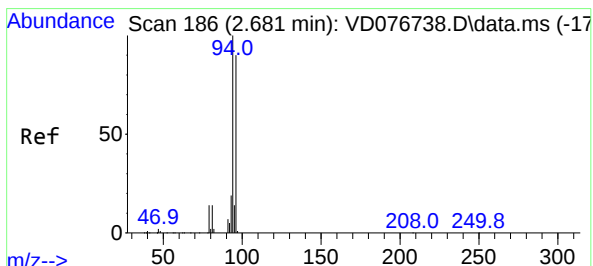
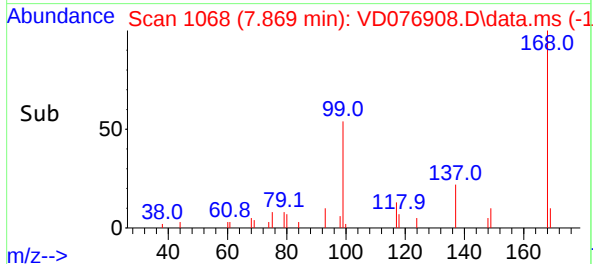
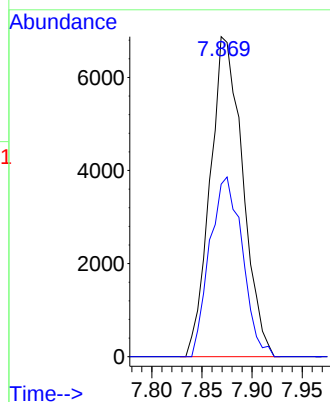


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

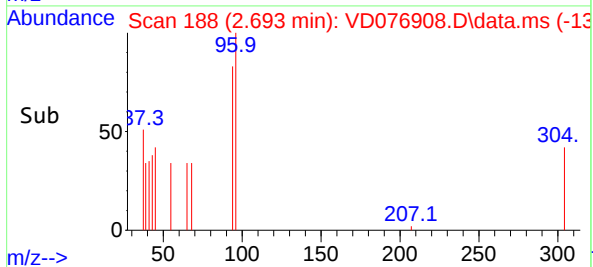
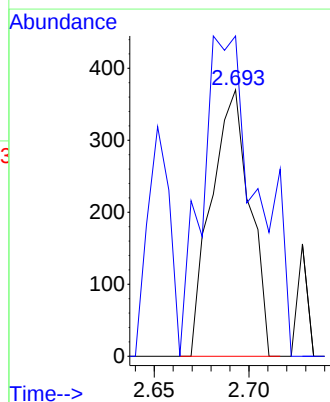
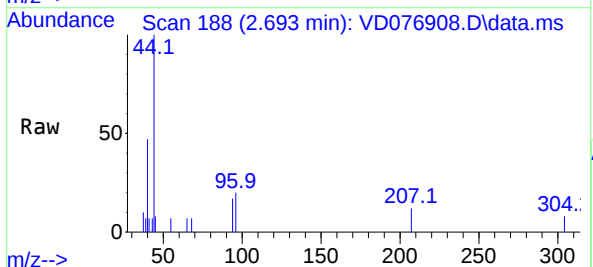


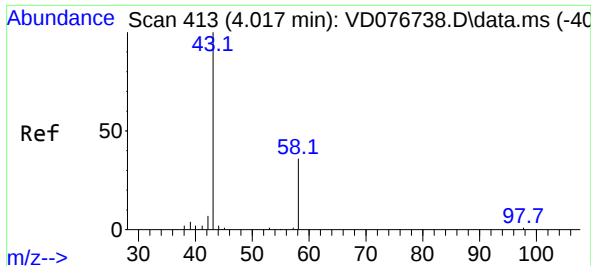
Tgt Ion:168 Resp: 15546
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#5
Bromomethane
Concen: 2.283 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.012 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 173.1 75.8 113.8#





#16

Acetone

Concen: 2.623 ug/l

RT: 4.046 min Scan# 41

Delta R.T. 0.029 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

Instrument :

MSVOA_D

ClientSampleId :

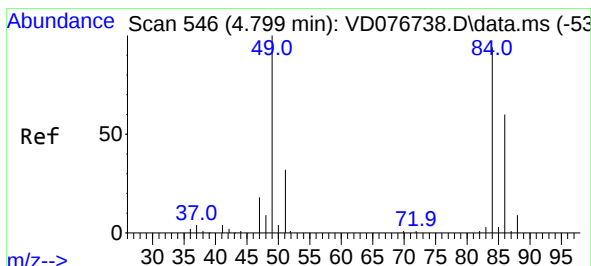
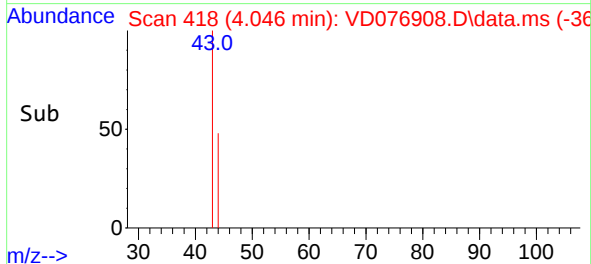
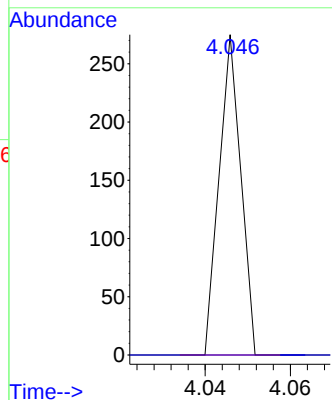
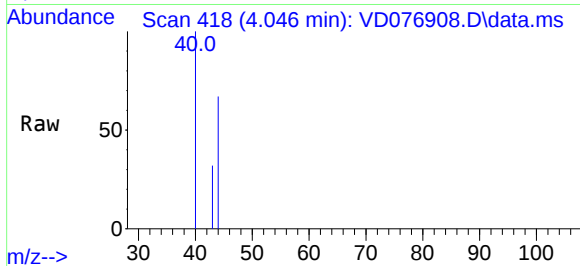
COMP-3

Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

43 100

58 0.0 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

Tgt Ion: 84 Resp: 1111

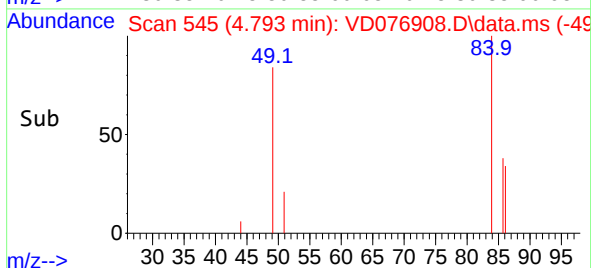
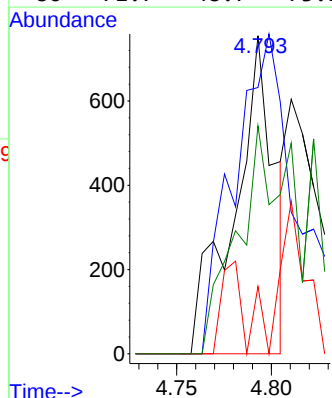
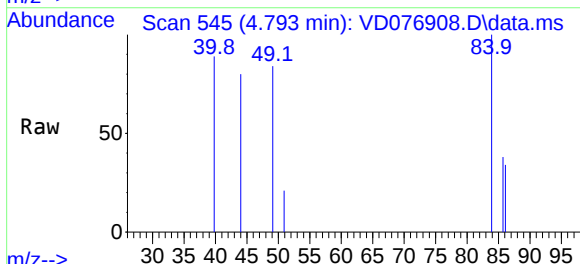
Ion Ratio Lower Upper

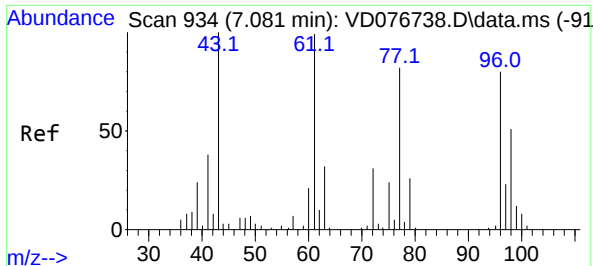
84 100

49 83.7 71.4 107.2

51 21.2 24.5 36.7#

86 71.7 48.7 73.1

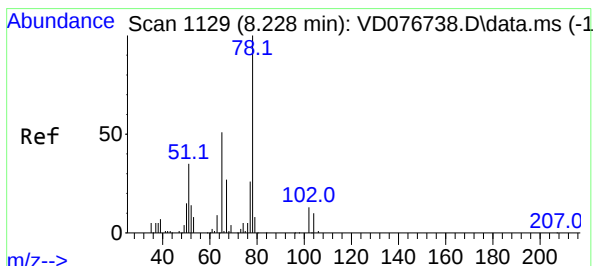
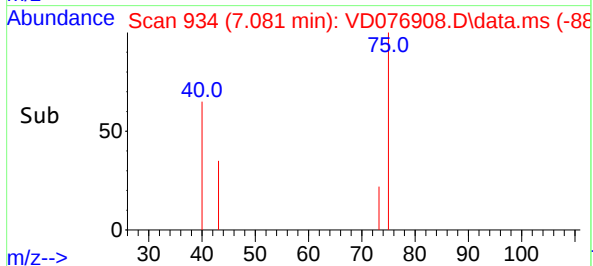
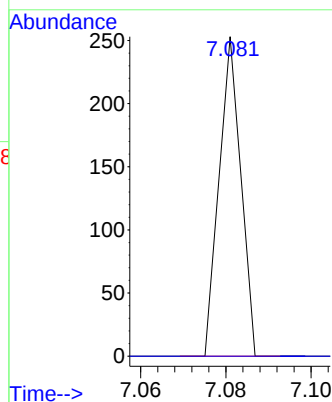
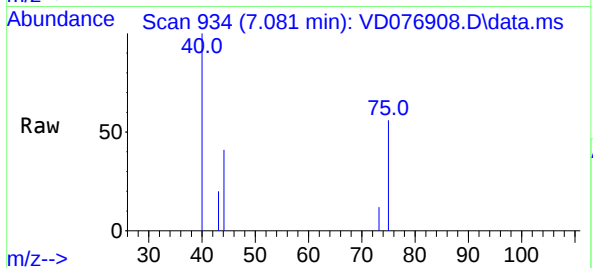




#25
2-Butanone
Concen: 1.798 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

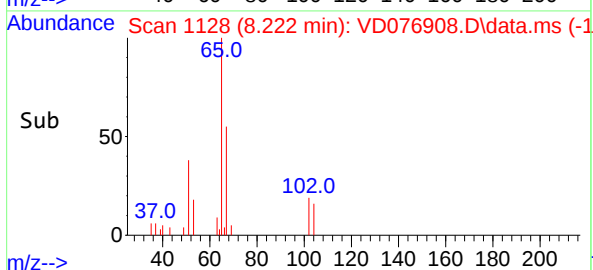
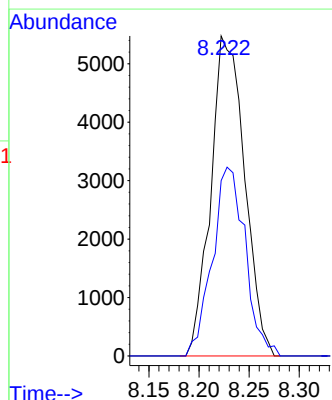
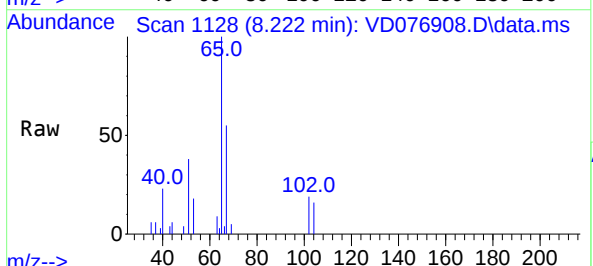
Instrument :
MSVOA_D
ClientSampleId :
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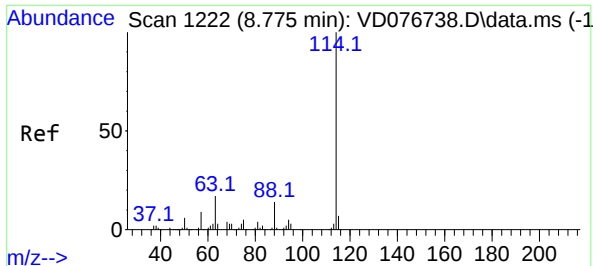
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 82.961 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 65 Resp: 12846
Ion Ratio Lower Upper
65 100
67 57.3 0.0 115.0

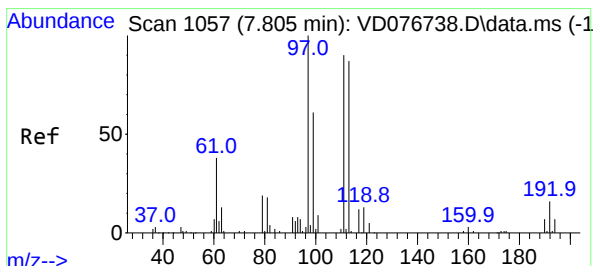
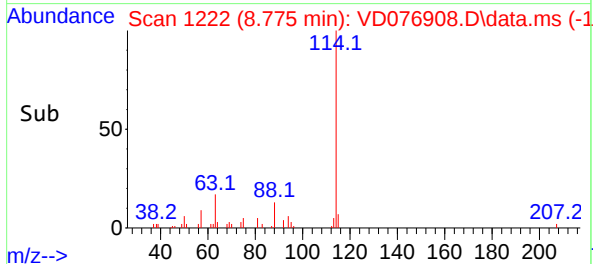
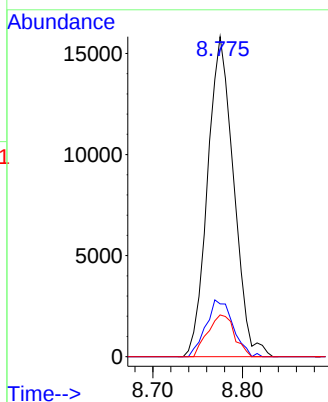
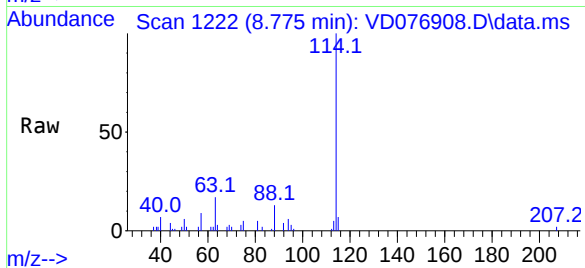




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

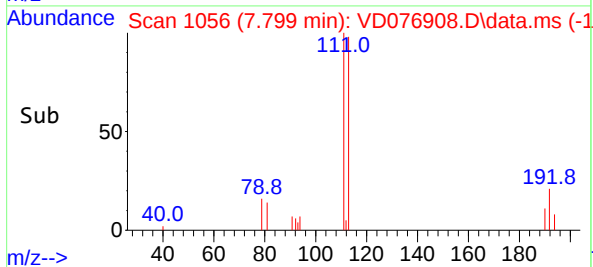
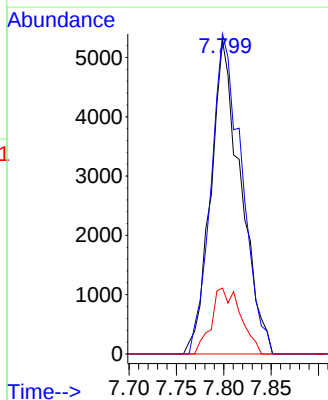
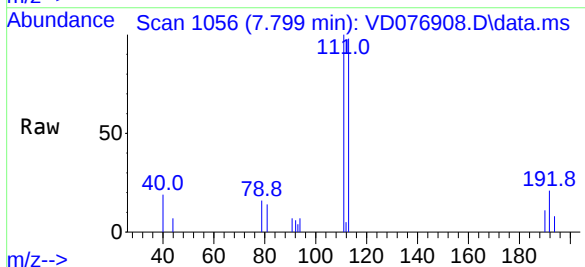
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

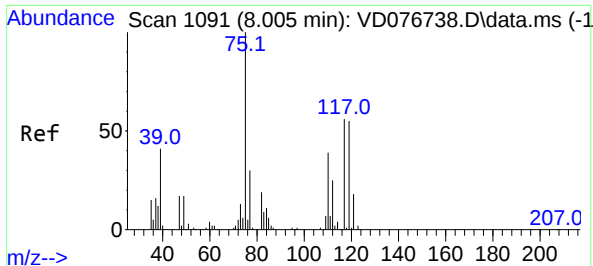
Tgt Ion:	114	Resp:	31921
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	33.4
88	13.0	0.0	26.2



#35
Dibromofluoromethane
Concen: 58.247 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion:	113	Resp:	11684
Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	20.4	16.8	25.2





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

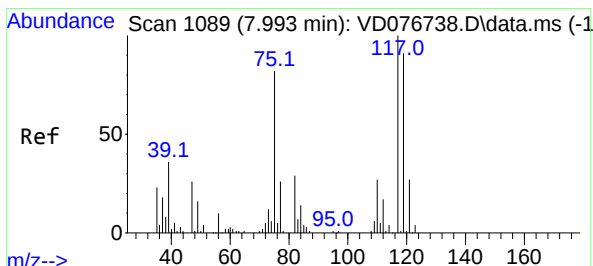
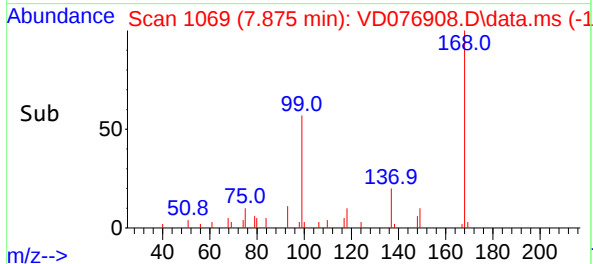
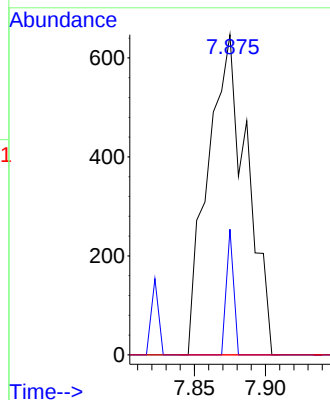
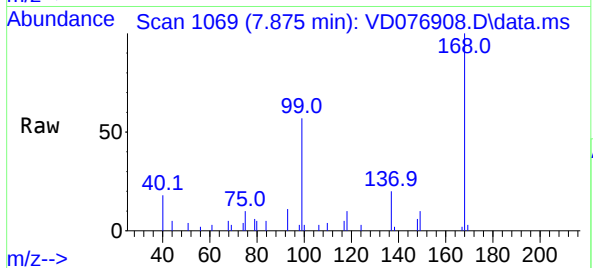
Instrument :

MSVOA_D

ClientSampleId :

COMP-3

Tgt Ion:	75	Resp:	1234
Ion	Ratio	Lower	Upper
75	100		
110	7.3	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.781 ug/l

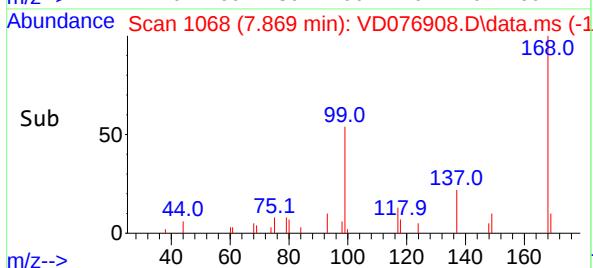
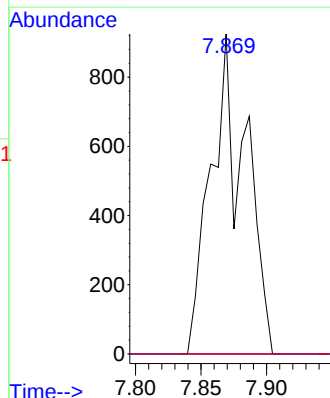
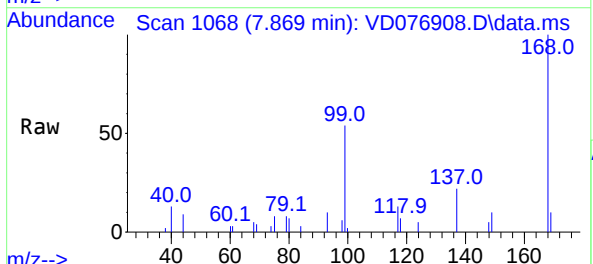
RT: 7.869 min Scan# 1068

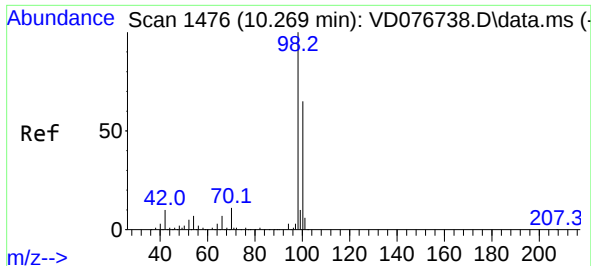
Delta R.T. -0.124 min

Lab File: VD076908.D

Acq: 02 Aug 2023 19:59

Tgt Ion:	117	Resp:	1702
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.0	117.0#
121	0.0	24.2	36.2#

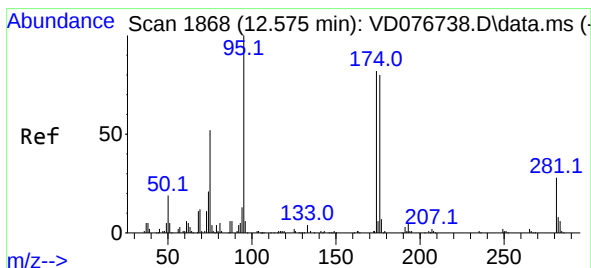
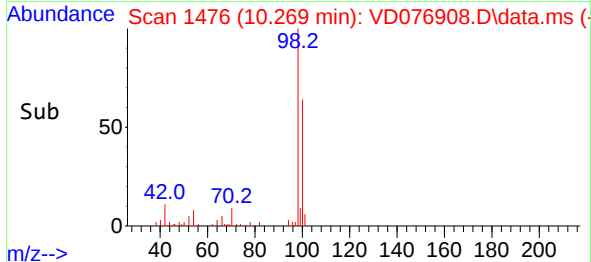
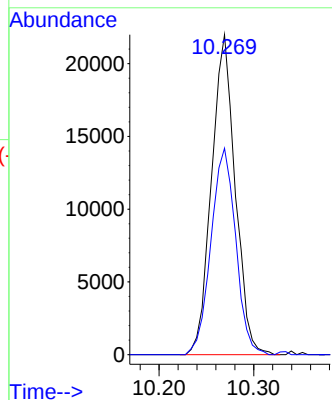
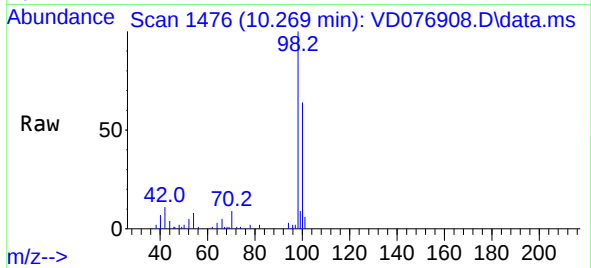




#50
Toluene-d8
Concen: 53.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

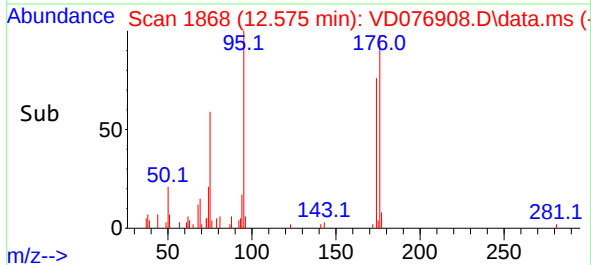
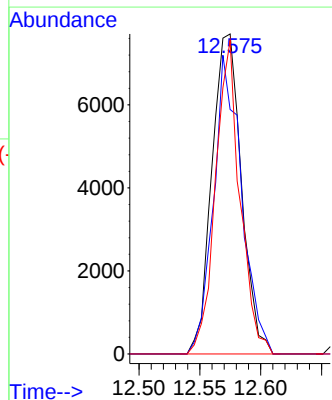
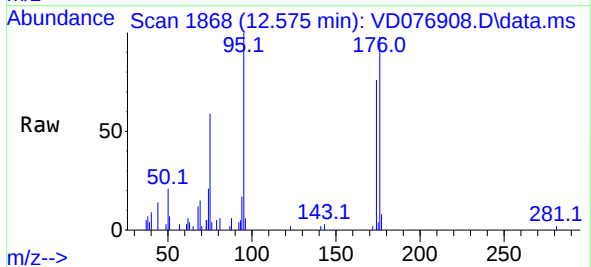
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

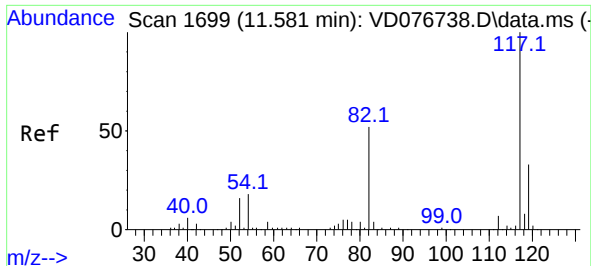
Tgt Ion: 98 Resp: 38186
Ion Ratio Lower Upper
98 100
100 67.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.974 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 95 Resp: 12994
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 81.4 0.0 191.8

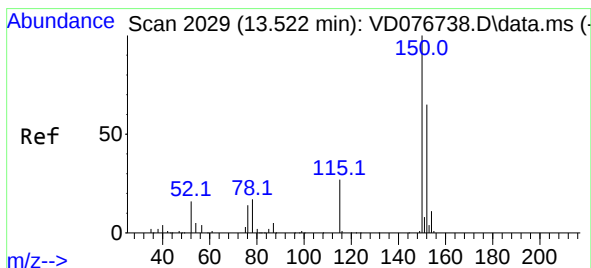
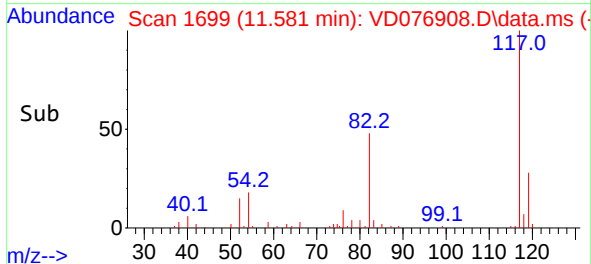
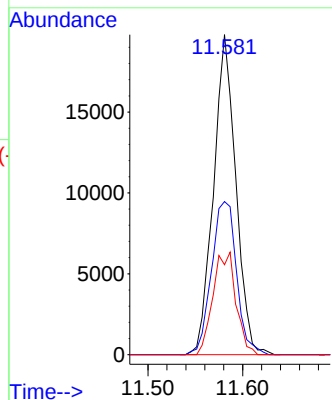
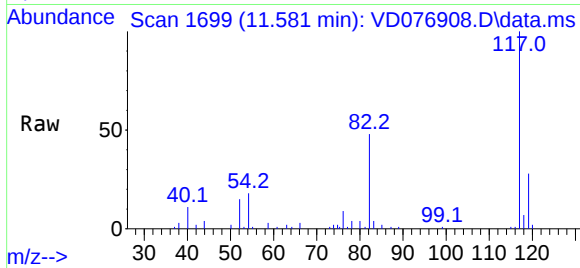




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

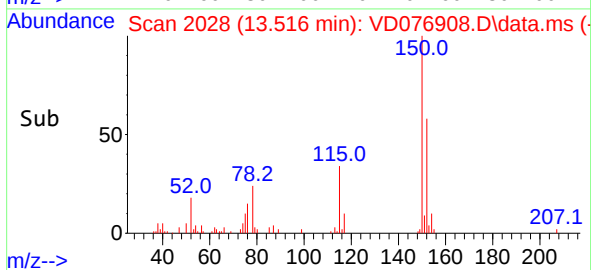
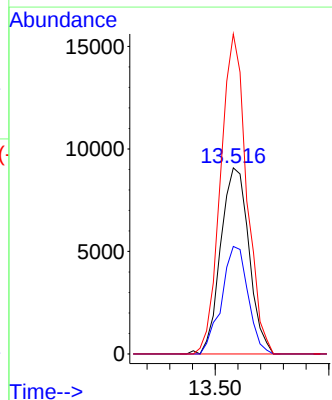
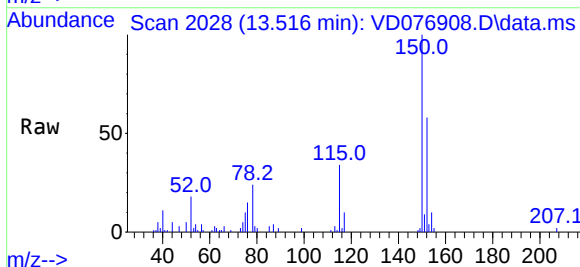
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

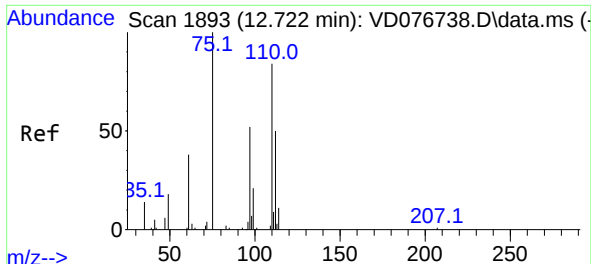
Tgt Ion	Ratio	Lower	Upper
117	100		
82	47.9	38.3	57.5
119	28.1	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.3
150	159.0	0.0	353.6

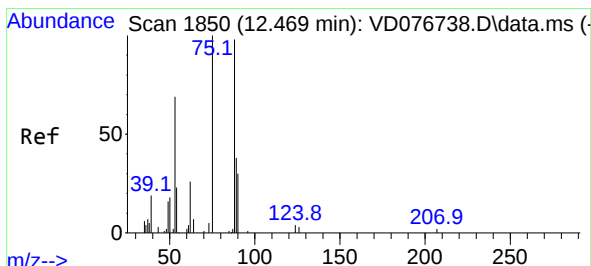
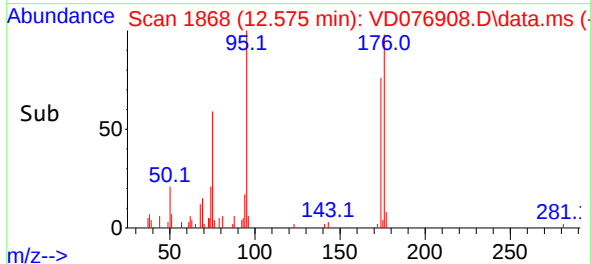
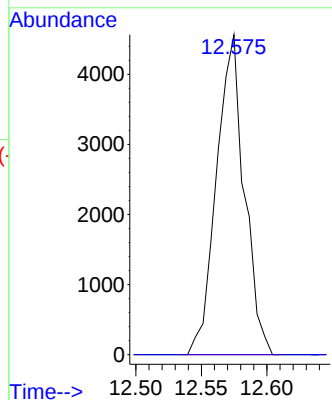
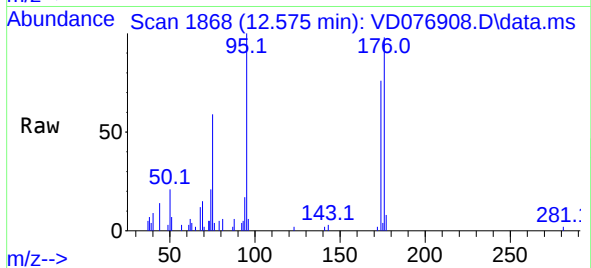




#76
1,2,3-Trichloropropane
Concen: 45.081 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 6721
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 95.944 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076908.D
Acq: 02 Aug 2023 19:59

Tgt Ion: 75 Resp: 6721
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

