

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075189.D
 Acq On : 24 Jan 2023 15:58
 Operator : KP/SY
 Sample : 01283-04
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 25 00:33:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

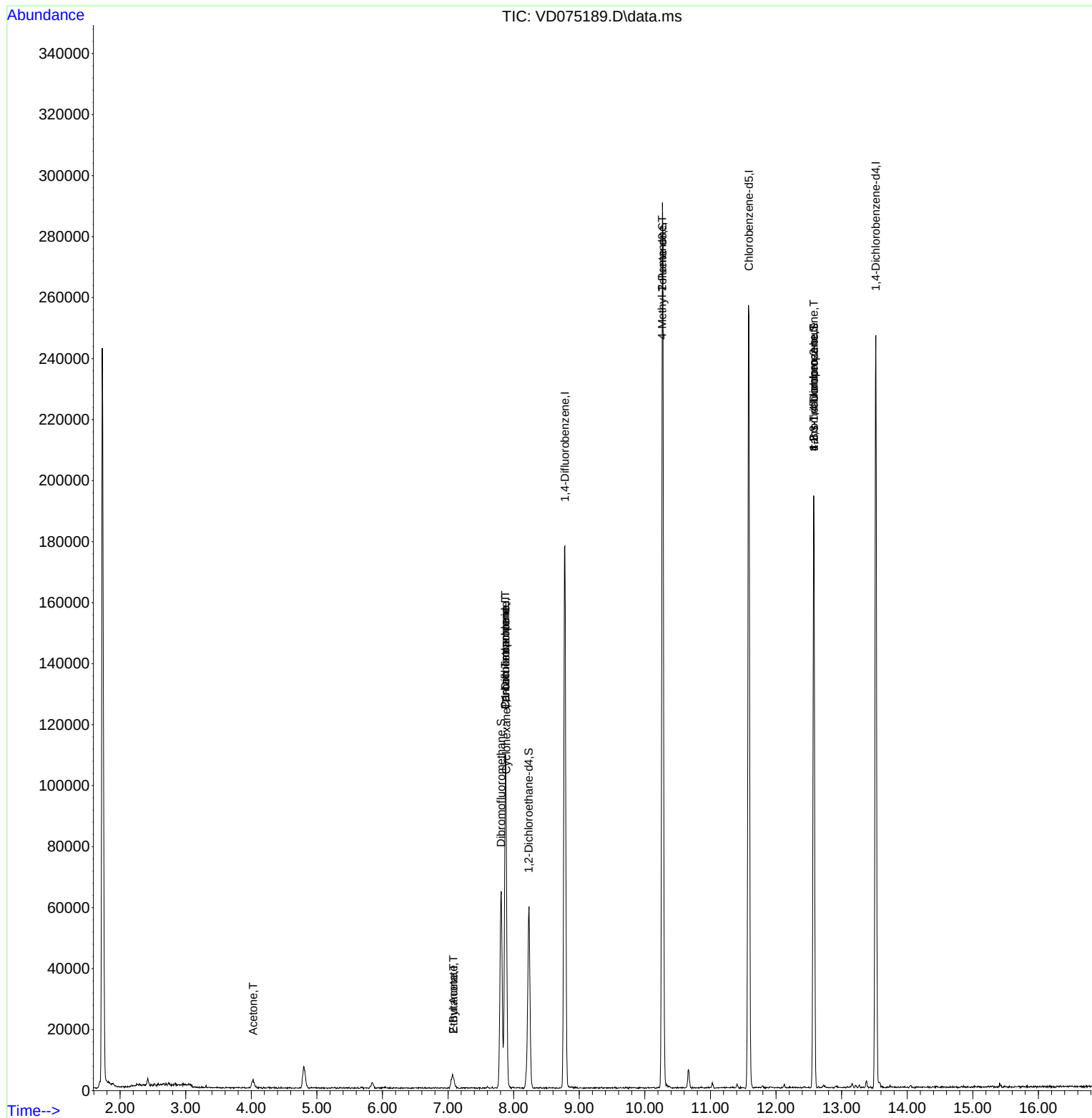
Internal Standards						
1) Pentafluorobenzene	7.875	168	80898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	158907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	147314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	61878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42930	52.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.000%	
35) Dibromofluoromethane	7.810	113	47405	49.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.269	98	197406	52.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.575	95	61738	51.453	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	5122	23.525	ug/l #	87
20) Methylene Chloride	4.799	84	5434	Below Cal		93
25) 2-Butanone	7.081	43	1768	6.719	ug/l #	50
31) Cyclohexane	7.887	56	2166	1.308	ug/l #	26
36) 1,1-Dichloropropene	7.875	75	7510	4.868	ug/l #	47
37) Ethyl Acetate	7.081	43	1768	2.844	ug/l #	67
38) Carbon Tetrachloride	7.875	117	8740	6.728	ug/l #	20
51) 4-Methyl-2-Pentanone	10.263	43	926	1.594	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	32722	62.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	32722	144.833	ug/l #	14

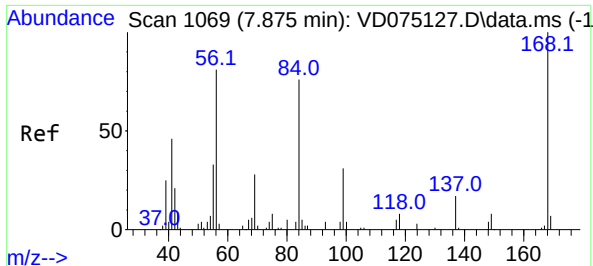
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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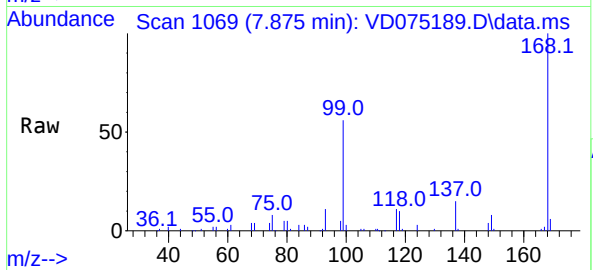
Quant Time: Jan 25 00:33:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



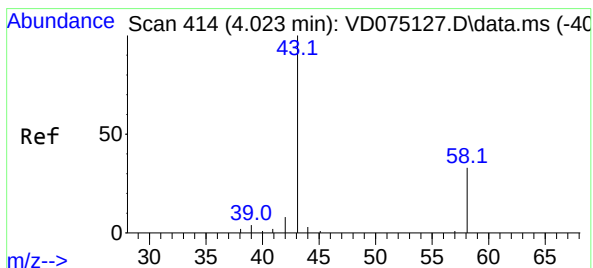
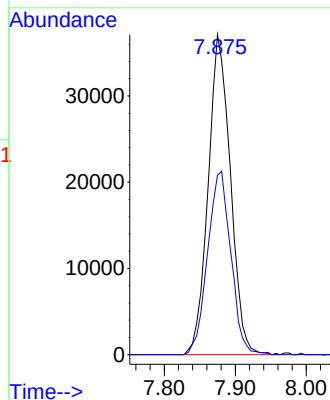
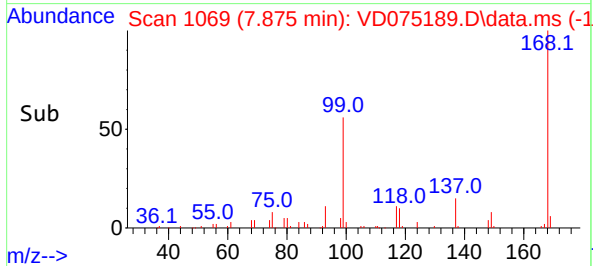


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

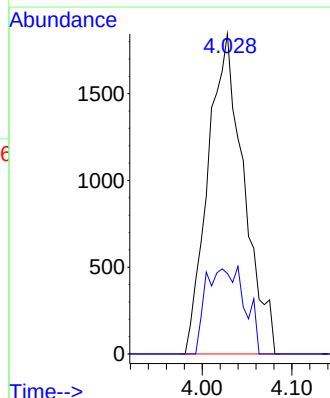
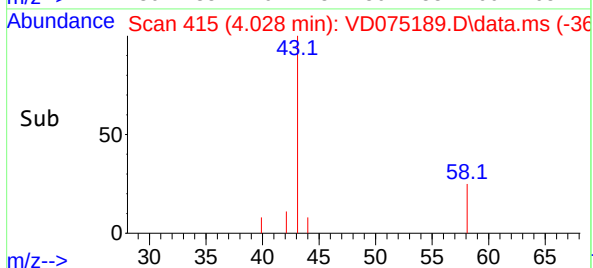
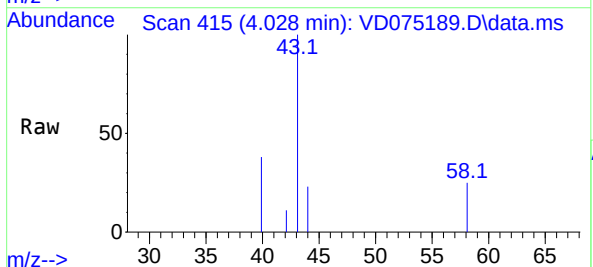


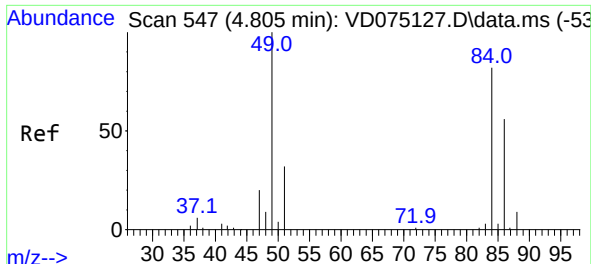
Tgt Ion:168 Resp: 80898
Ion Ratio Lower Upper
168 100
99 56.0 45.2 67.8



#16
Acetone
Concen: 23.525 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

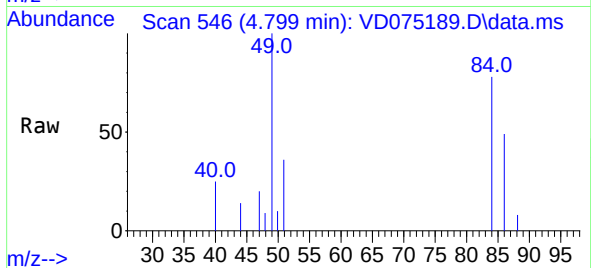
Tgt Ion: 43 Resp: 5122
Ion Ratio Lower Upper
43 100
58 25.2 26.0 39.0#





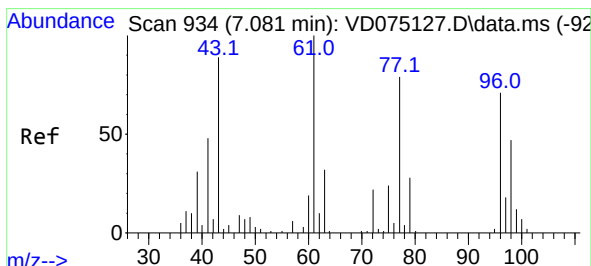
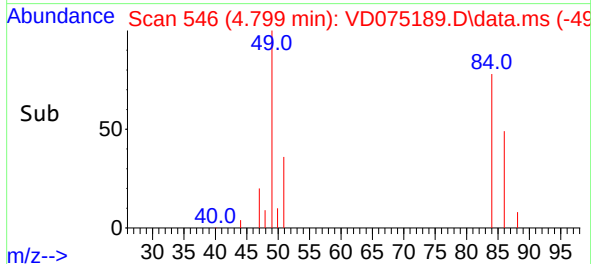
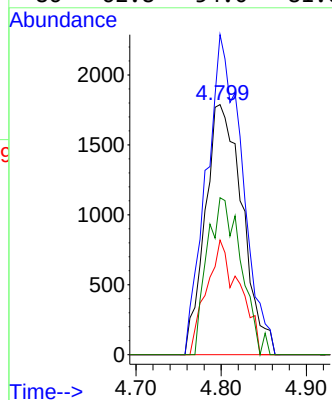
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 5434

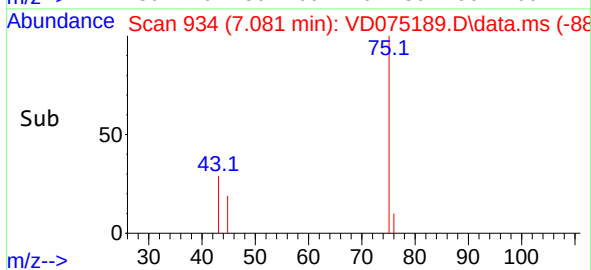
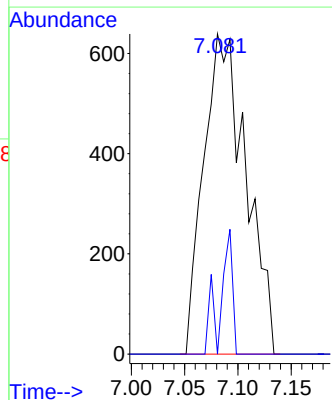
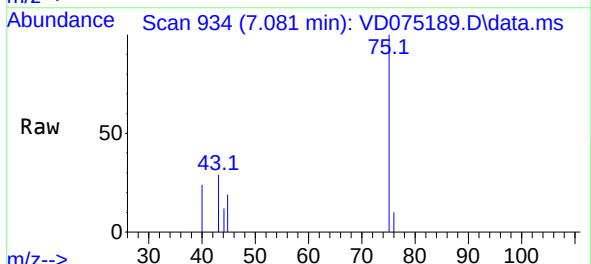
Ion	Ratio	Lower	Upper
84	100		
49	128.0	97.0	145.6
51	45.8	30.9	46.3
86	62.8	54.0	81.0

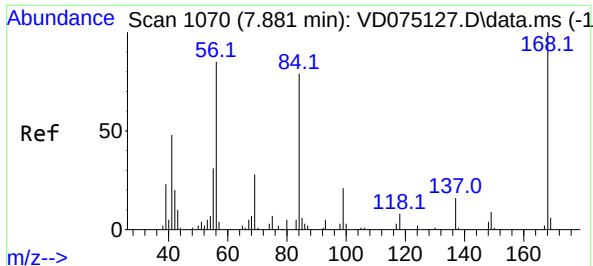


#25
2-Butanone
Concen: 6.719 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion: 43 Resp: 1768

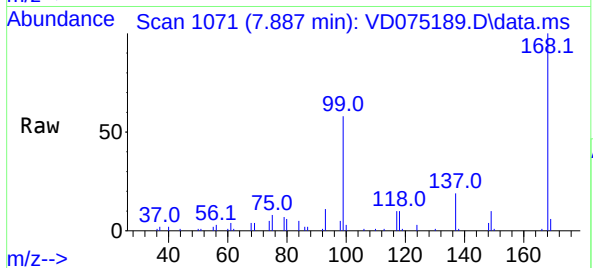
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.8#



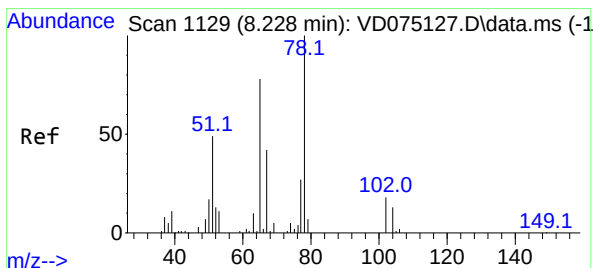
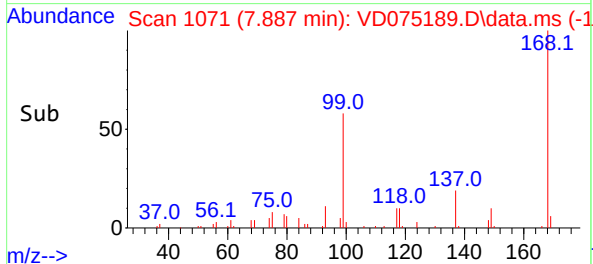
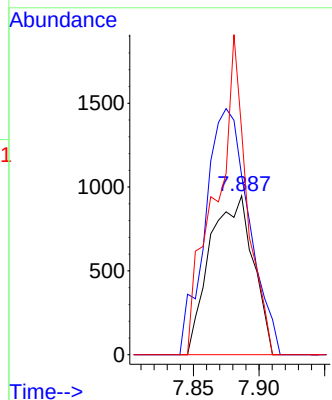


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

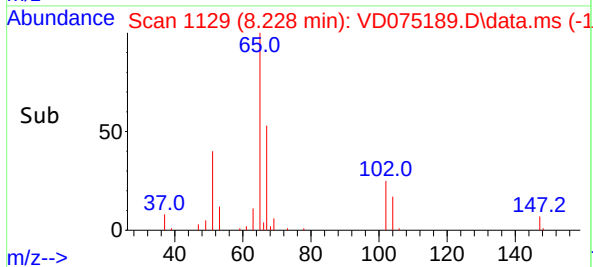
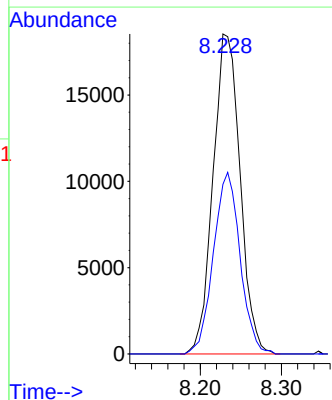
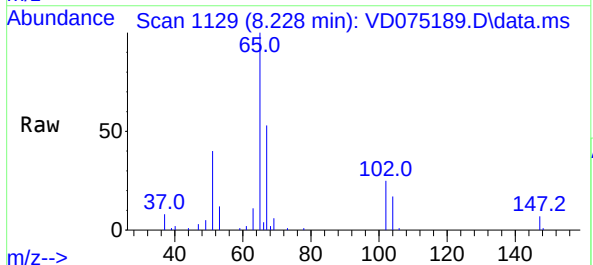


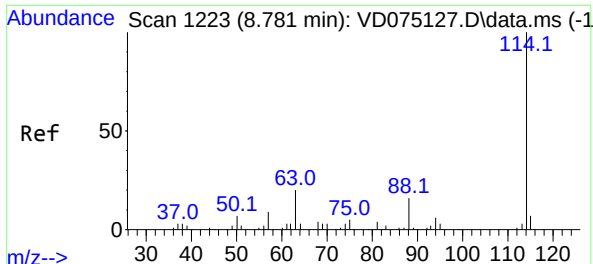
Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 112.6 26.6 40.0#
84 140.9 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 52.005 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

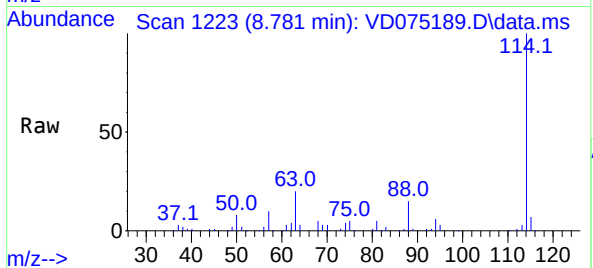
Tgt Ion: 65 Resp: 42930
Ion Ratio Lower Upper
65 100
67 56.0 0.0 105.2



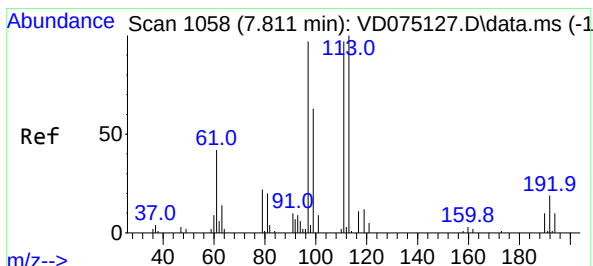
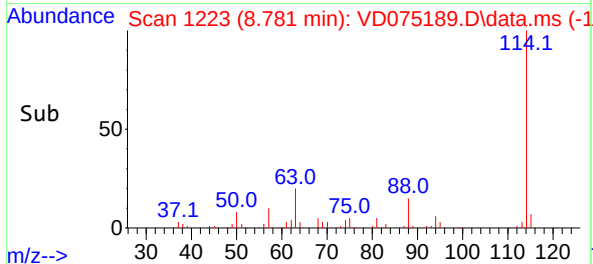
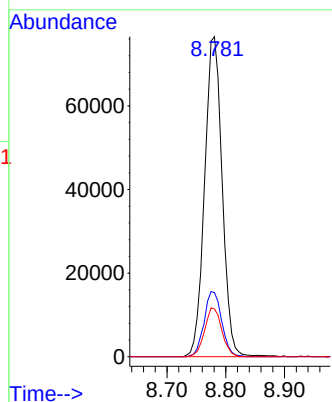


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

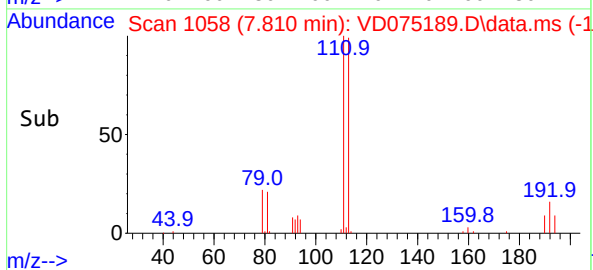
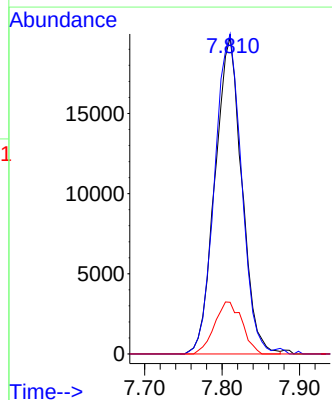
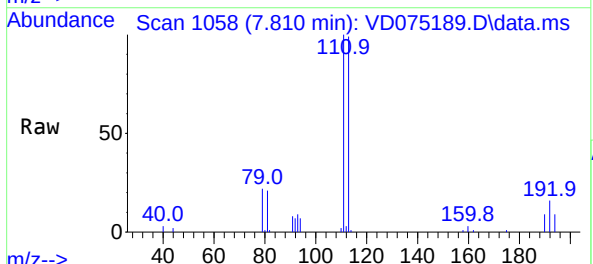


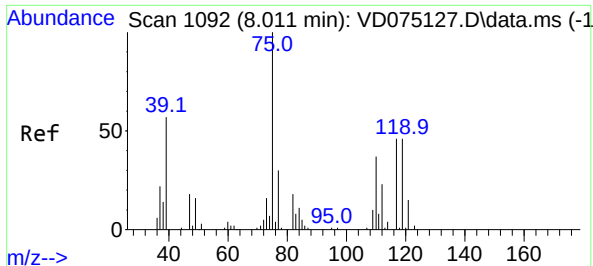
Tgt Ion:114 Resp: 158907
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.369 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion:113 Resp: 47405
Ion Ratio Lower Upper
113 100
111 101.2 80.1 120.1
192 16.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.868 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

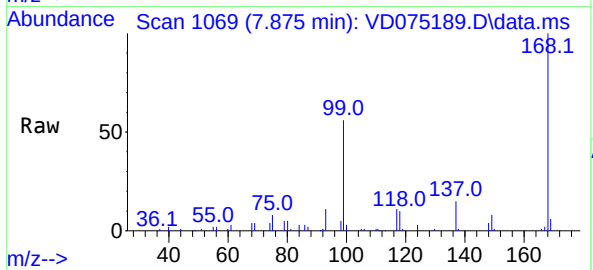
Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :



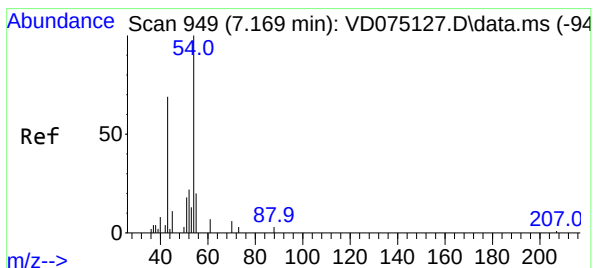
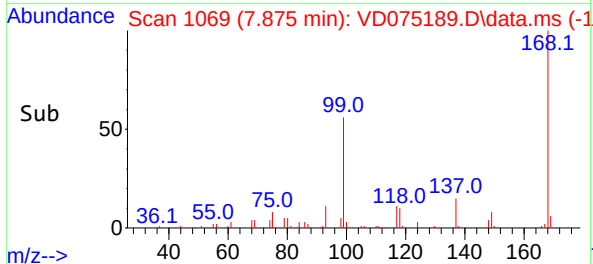
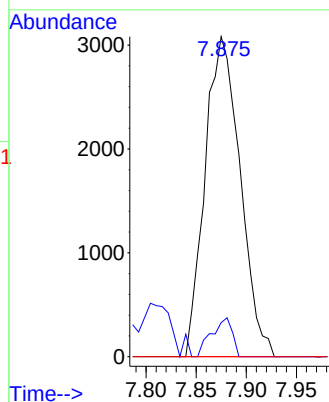
Tgt Ion: 75 Resp: 7510

Ion Ratio Lower Upper

75 100

110 7.2 18.1 54.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.844 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.089 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

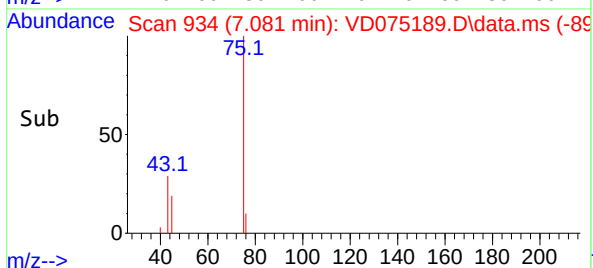
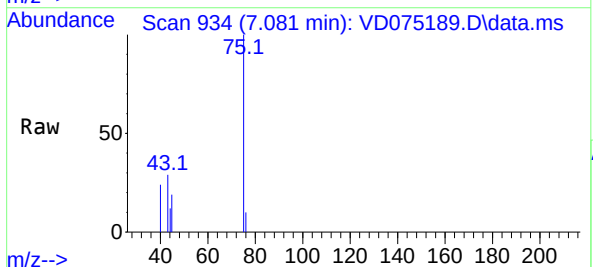
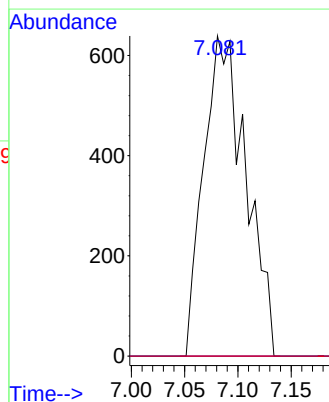
Tgt Ion: 43 Resp: 1768

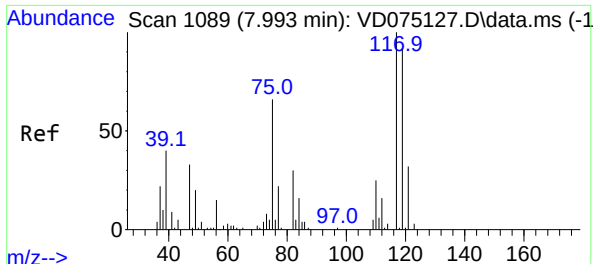
Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

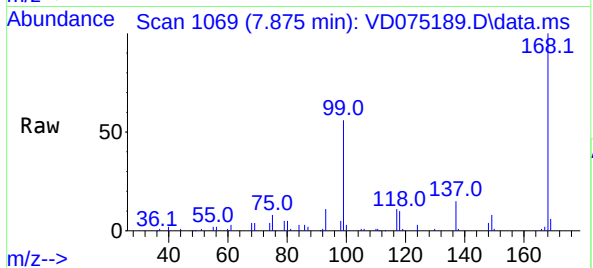
70 0.0 8.8 13.2#



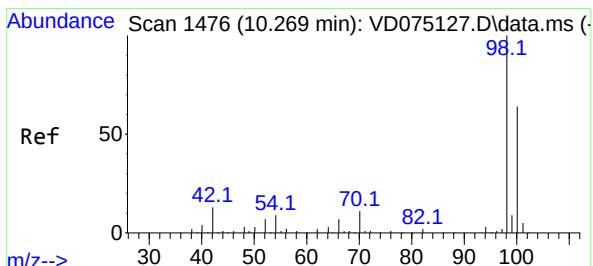
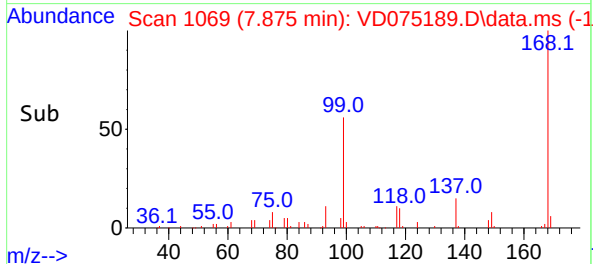
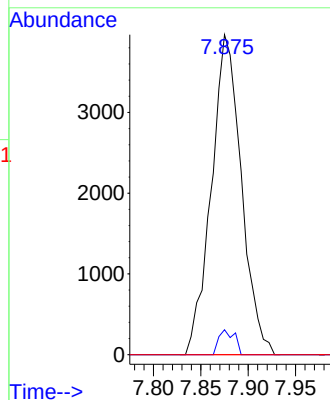


#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

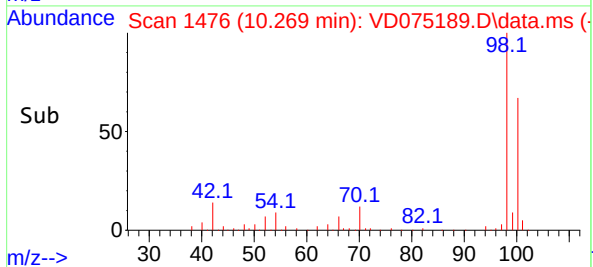
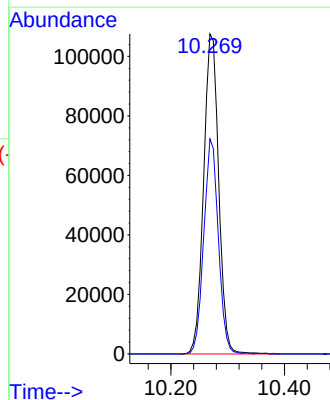
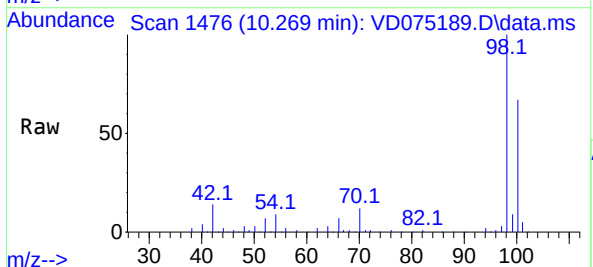


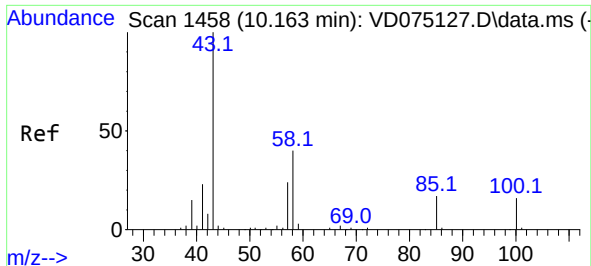
Tgt Ion:117 Resp: 8740
Ion Ratio Lower Upper
117 100
119 7.8 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion: 98 Resp: 197406
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.594 ug/l

RT: 10.263 min Scan# 1458

Delta R.T. 0.100 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

Instrument :

MSVOA_D

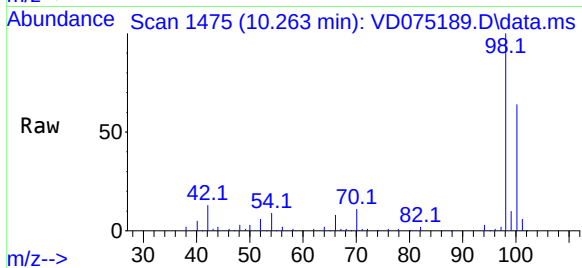
ClientSampleId :

Tgt Ion: 43 Resp: 926

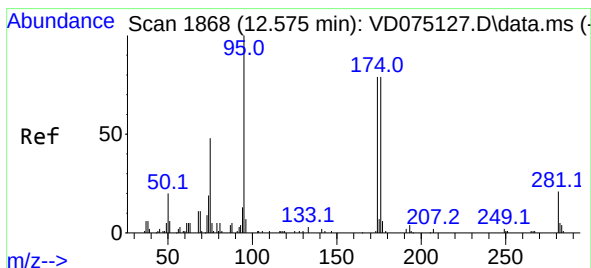
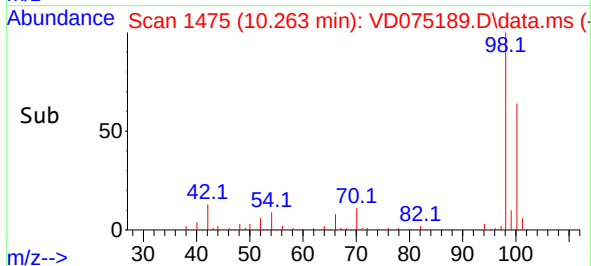
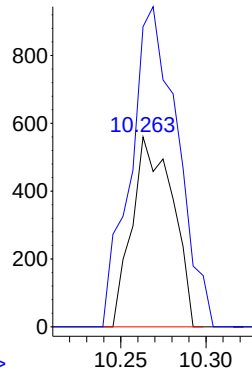
Ion Ratio Lower Upper

43 100

58 194.5 31.4 47.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 51.453 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075189.D

Acq: 24 Jan 2023 15:58

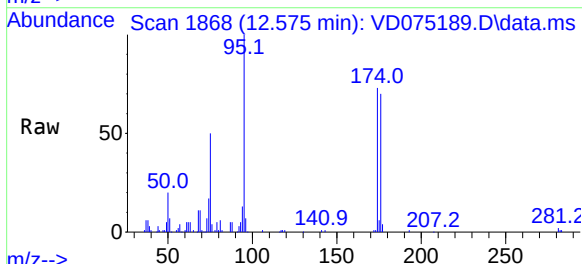
Tgt Ion: 95 Resp: 61738

Ion Ratio Lower Upper

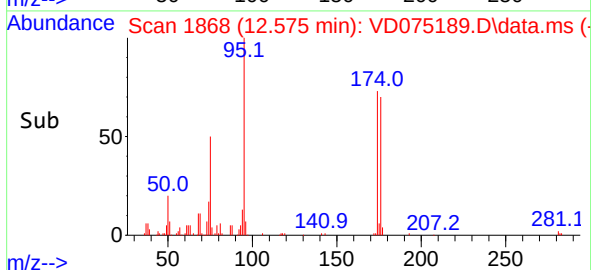
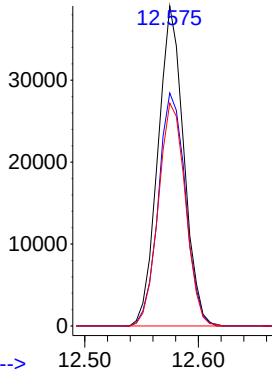
95 100

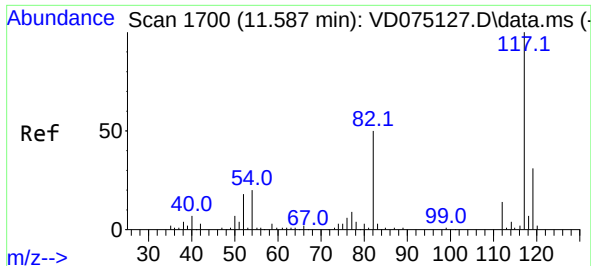
174 76.4 0.0 161.2

176 73.0 0.0 160.2



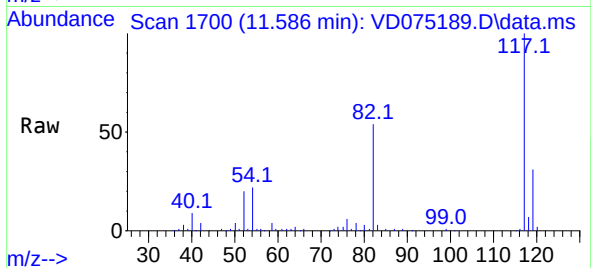
Abundance



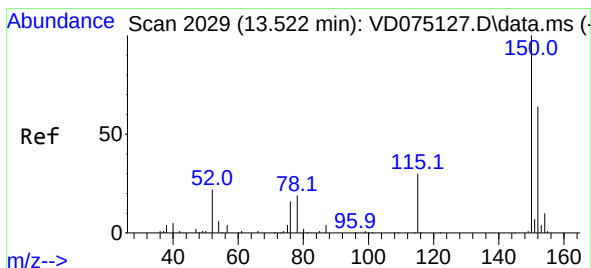
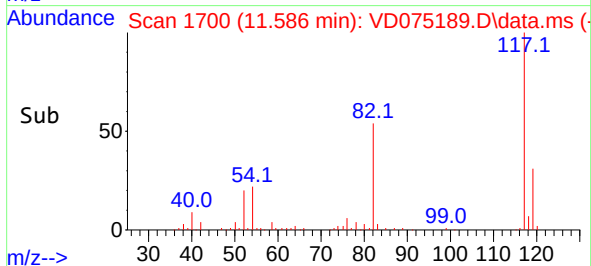
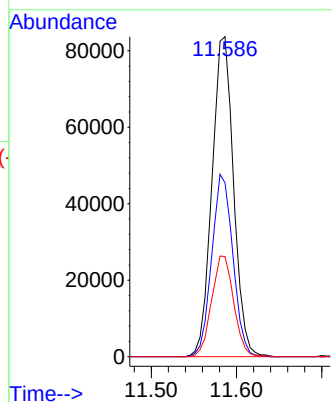


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

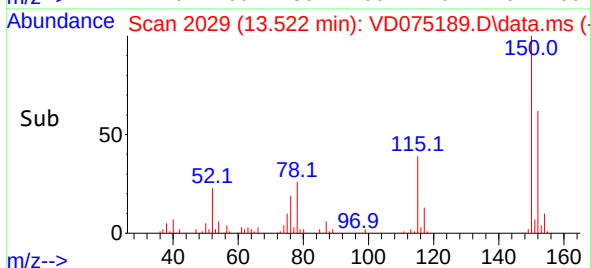
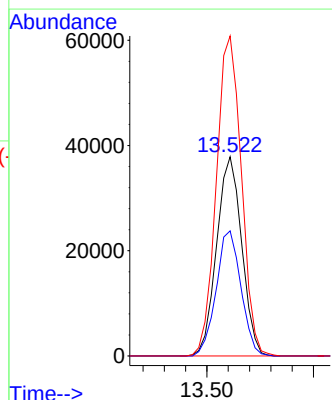
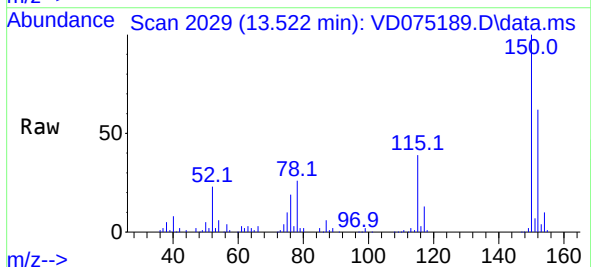


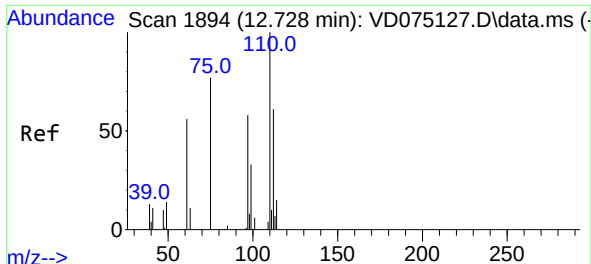
Tgt Ion:117 Resp: 147314
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 31.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion:152 Resp: 61878
Ion Ratio Lower Upper
152 100
115 62.0 28.8 86.4
150 160.2 0.0 348.6

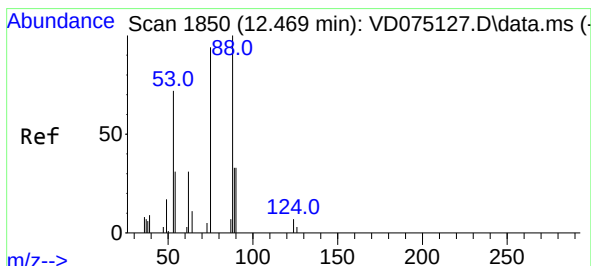
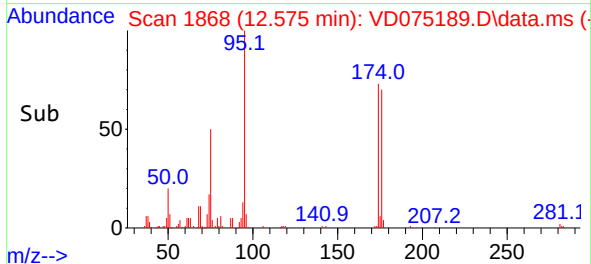
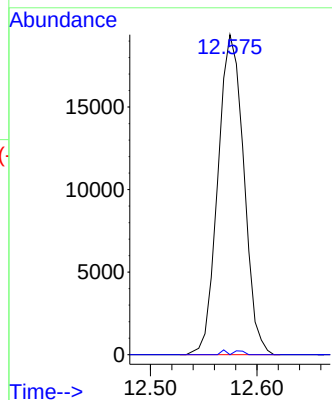
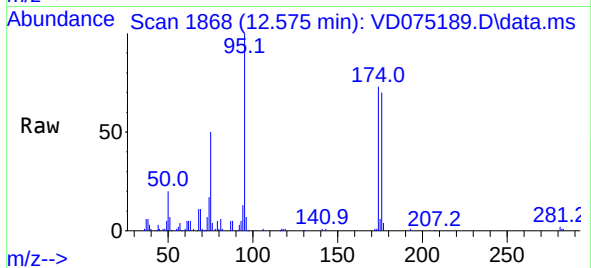




#76
1,2,3-Trichloropropane
Concen: 62.439 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 32722
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 144.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075189.D
Acq: 24 Jan 2023 15:58

Tgt Ion: 75 Resp: 32722
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

