

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076537.D
 Acq On : 22 Jun 2023 14:15
 Operator : KP/SY
 Sample : 03355-11RE
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-6.5-7.0RE

Quant Time: Jun 23 06:36:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

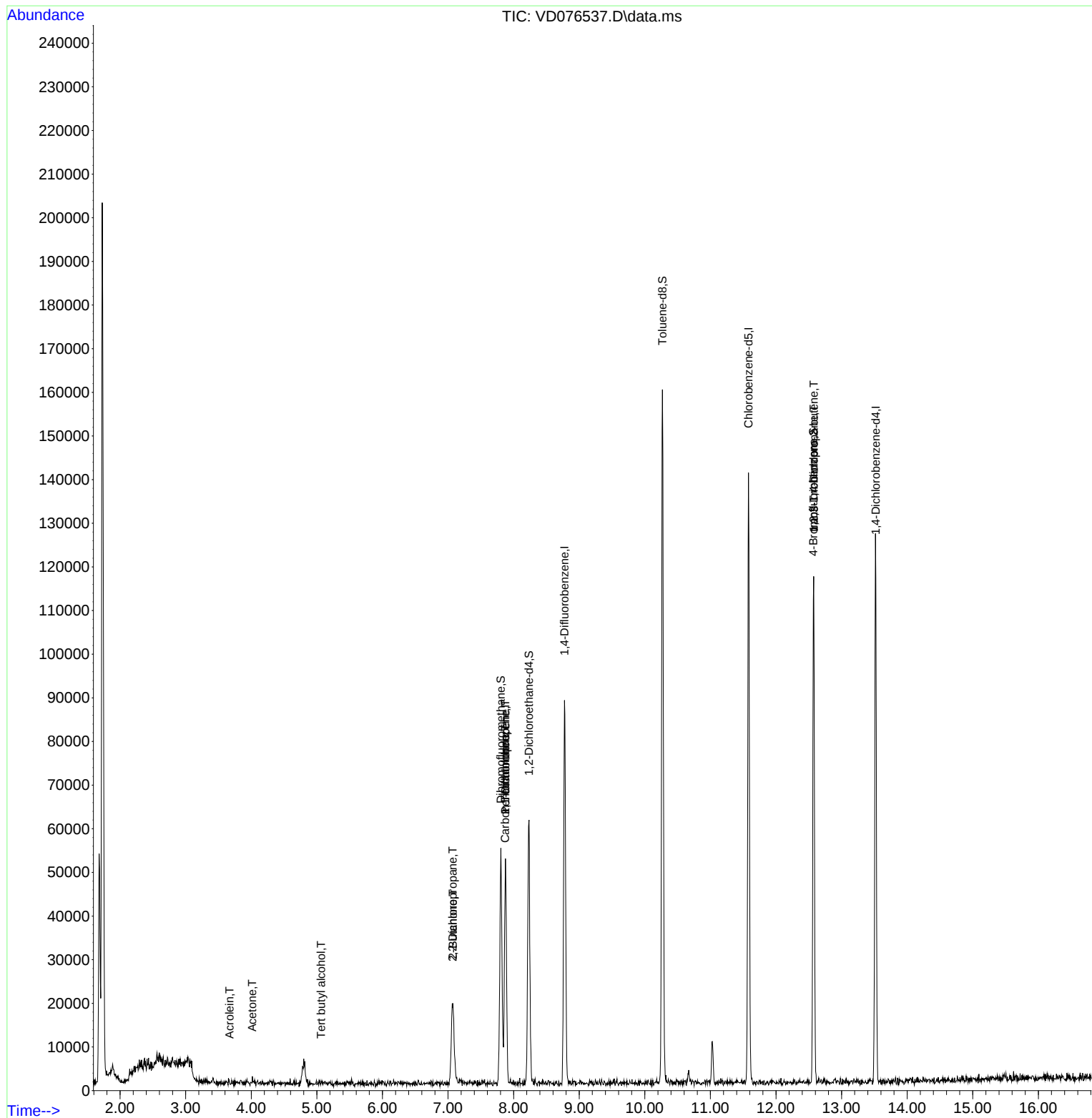
Internal Standards						
1) Pentafluorobenzene	7.875	168	38772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	77572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	77724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	33571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43908	113.030	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 226.060%#	
35) Dibromofluoromethane	7.805	113	35814	77.716	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.440%#	
50) Toluene-d8	10.269	98	110520	63.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 126.480%	
62) 4-Bromofluorobenzene	12.569	95	36120	63.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 127.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.064	59	145	4.323	ug/l #	73
13) Acrolein	3.670	56	84	2.325	ug/l #	15
16) Acetone	4.017	43	245	2.650	ug/l #	32
20) Methylene Chloride	4.787	84	1508	Below Cal	#	65
25) 2-Butanone	7.075	43	1197	8.372	ug/l #	37
26) 2,2-Dichloropropane	7.069	77	1231	1.823	ug/l #	49
28) Bromochloromethane	7.328	49	75	Below Cal	#	1
31) Cyclohexane	7.869	56	825	Below Cal	#	61
36) 1,1-Dichloropropene	7.875	75	3248	5.033	ug/l #	41
38) Carbon Tetrachloride	7.869	117	3669	6.361	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	18669	56.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	18669	122.779	ug/l #	17

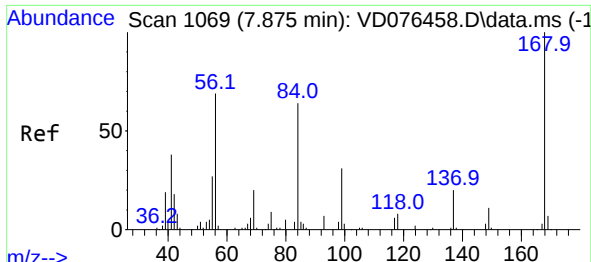
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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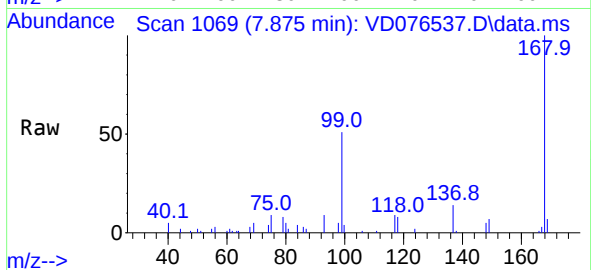
Quant Time: Jun 23 06:36:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



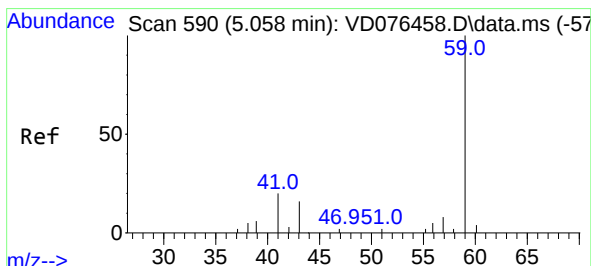
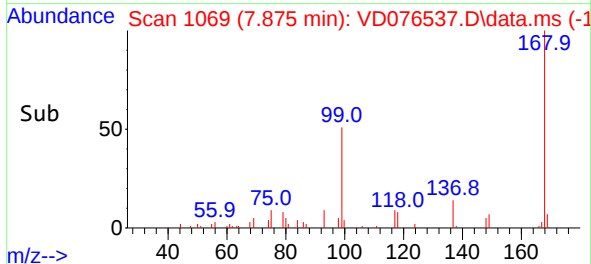
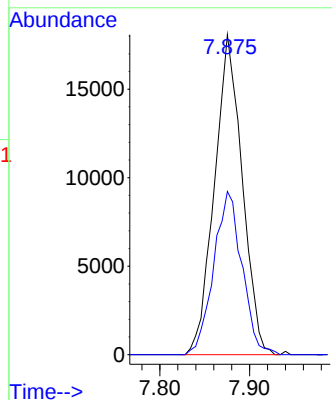


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

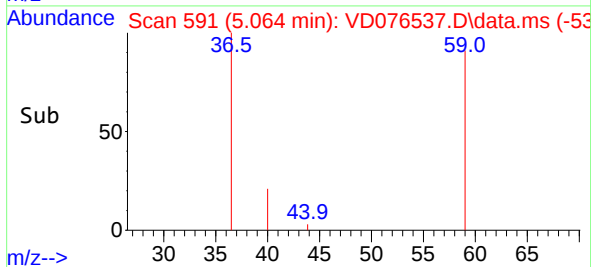
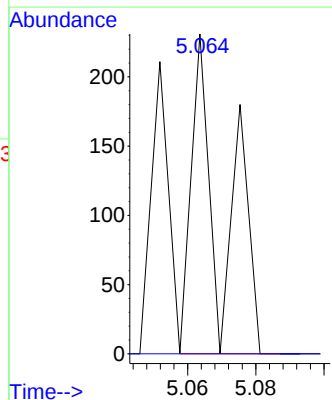
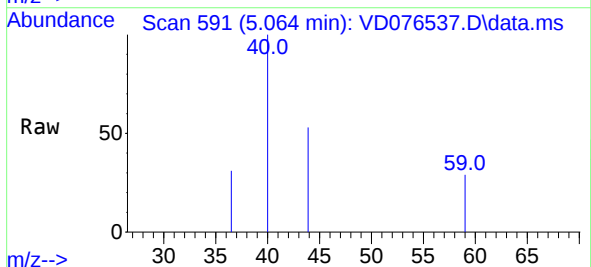


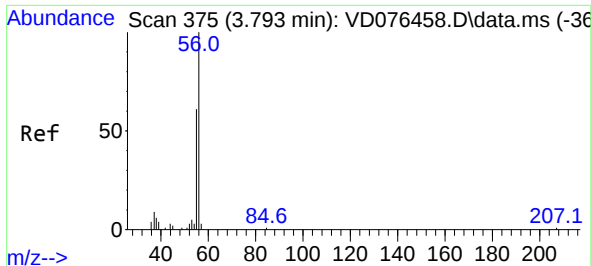
Tgt Ion:168 Resp: 38772
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#11
Tert butyl alcohol
Concen: 4.323 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

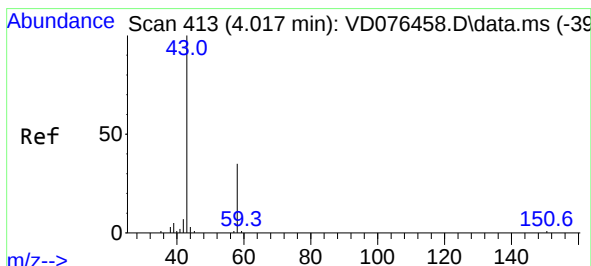
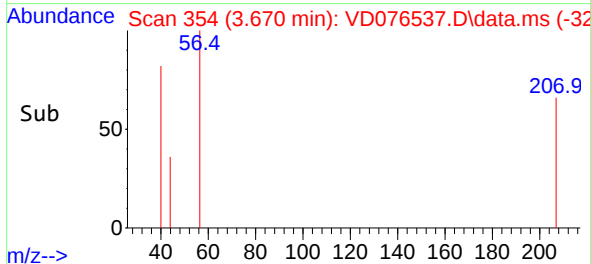
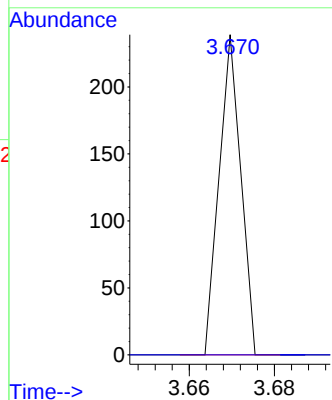
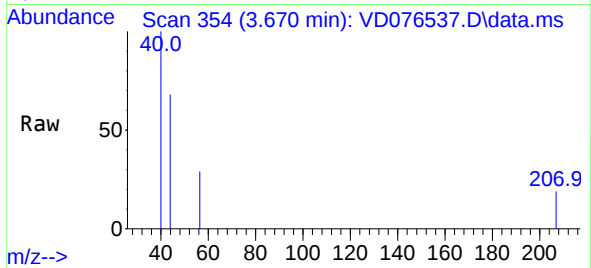




#13
Acrolein
Concen: 2.325 ug/l
RT: 3.670 min Scan# 31
Delta R.T. -0.123 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

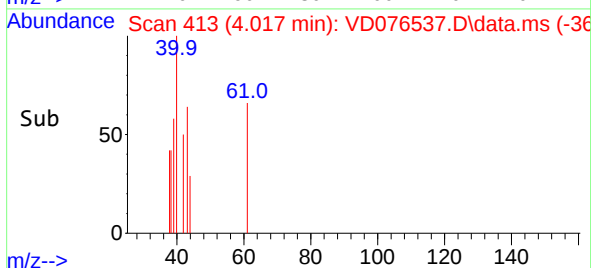
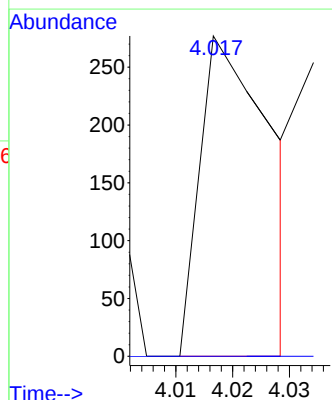
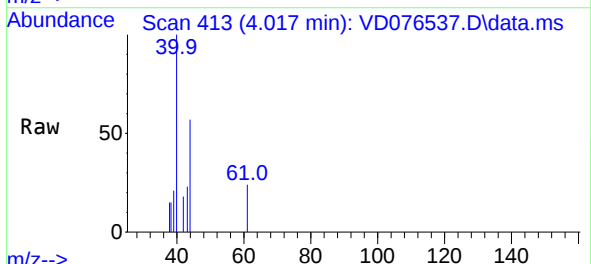
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

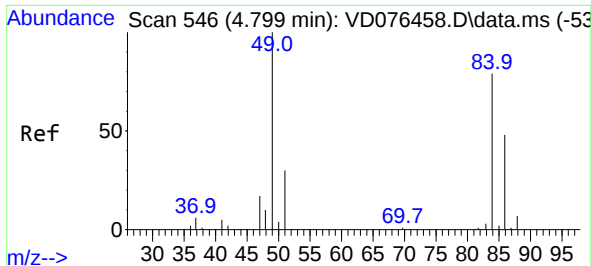
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#16
Acetone
Concen: 2.650 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

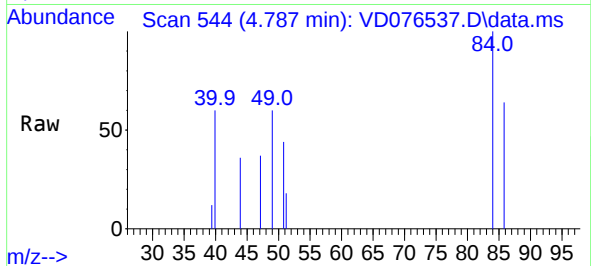
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



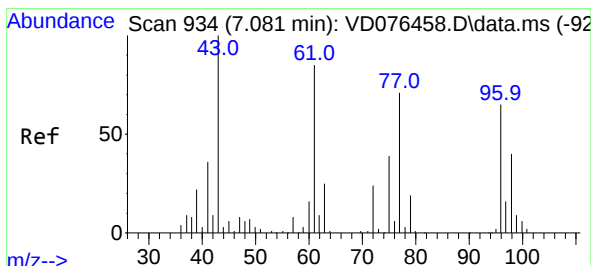
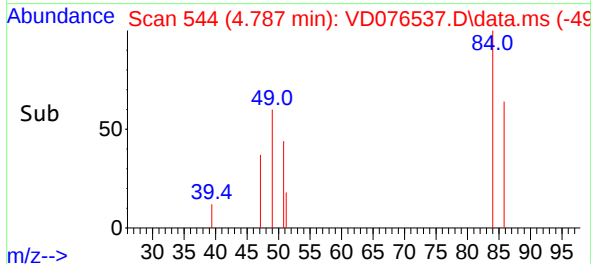
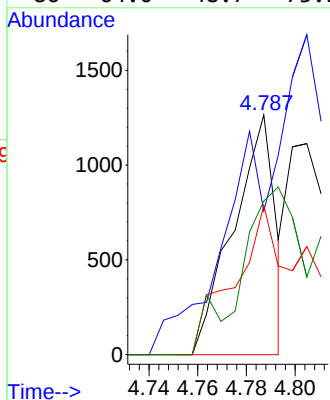


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

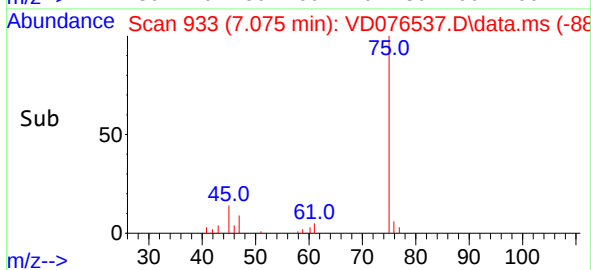
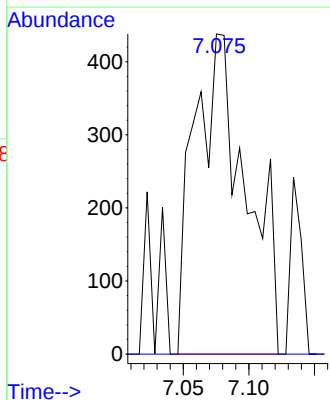
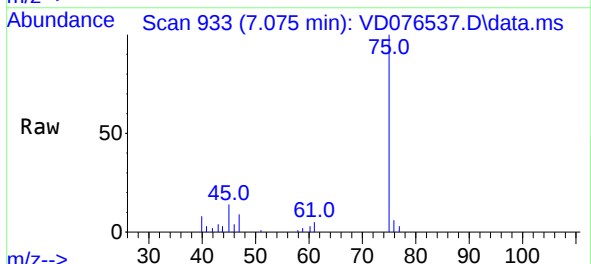


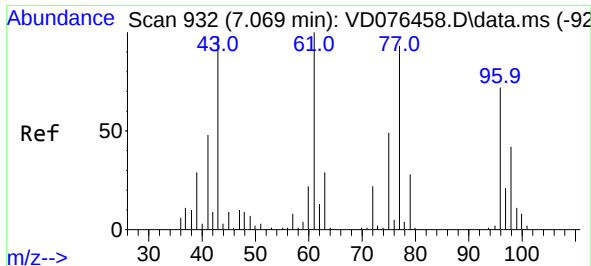
Tgt Ion: 84 Resp: 1508
Ion Ratio Lower Upper
84 100
49 43.6 71.4 107.2#
51 62.3 24.5 36.7#
86 64.0 48.7 73.1



#25
2-Butanone
Concen: 8.372 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

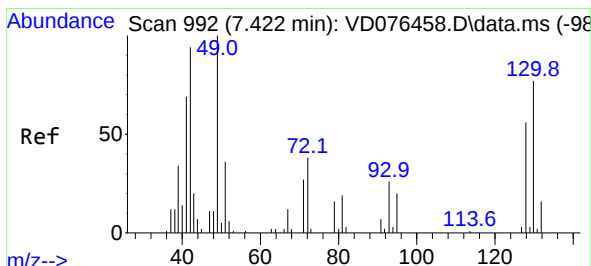
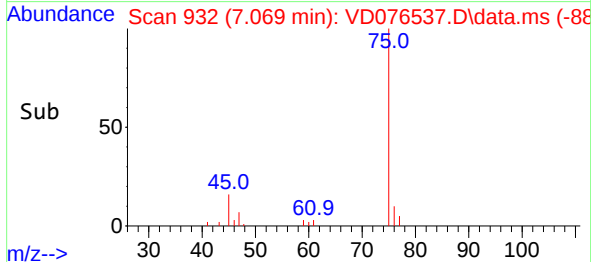
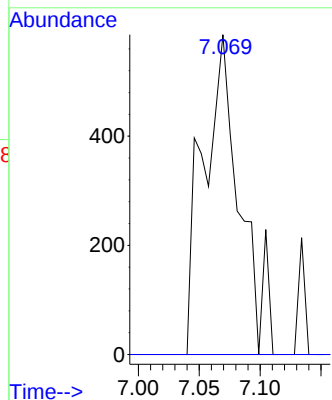
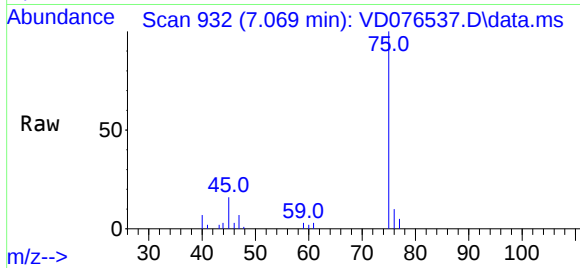




#26
2,2-Dichloropropane
Concen: 1.823 ug/l
RT: 7.069 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

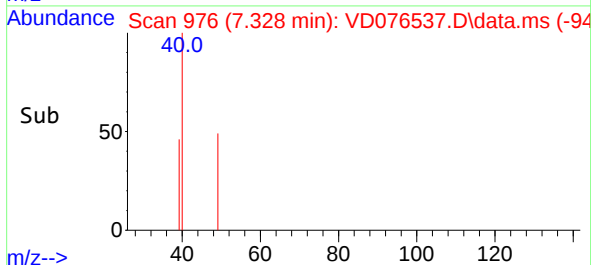
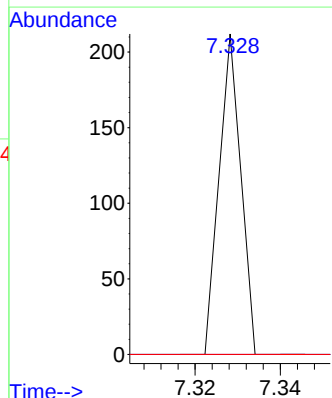
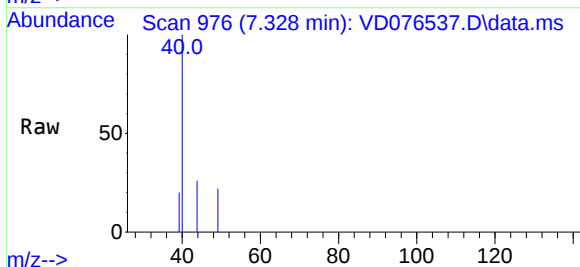
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

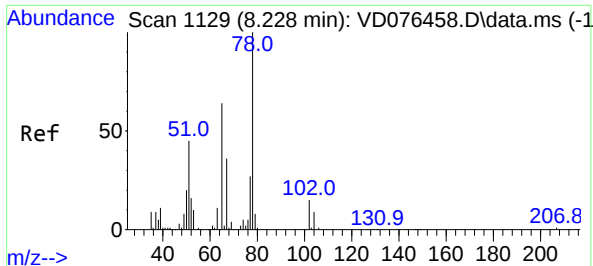
Tgt Ion: 77 Resp: 1231
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.328 min Scan# 976
Delta R.T. -0.094 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 49 Resp: 75
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#





#33

1,2-Dichloroethane-d4

Concen: 113.030 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076537.D

Acq: 22 Jun 2023 14:15

Instrument :

MSVOA_D

ClientSampleId :

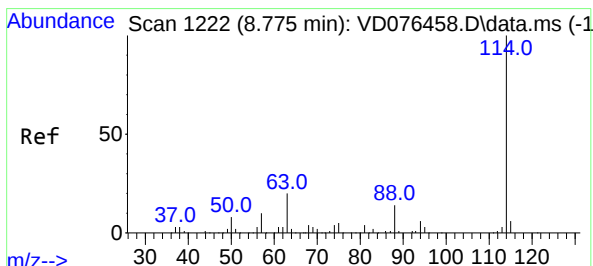
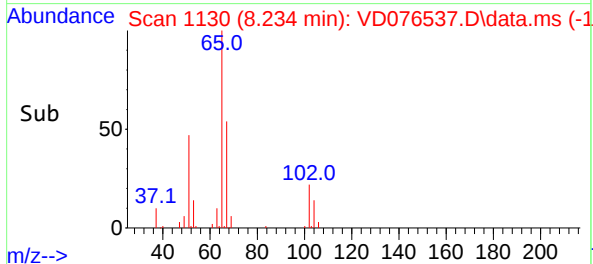
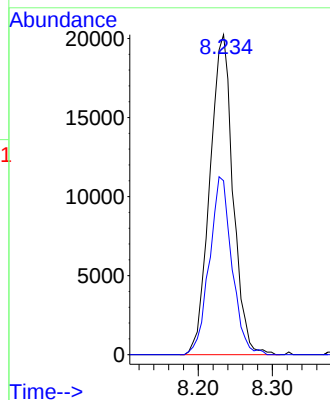
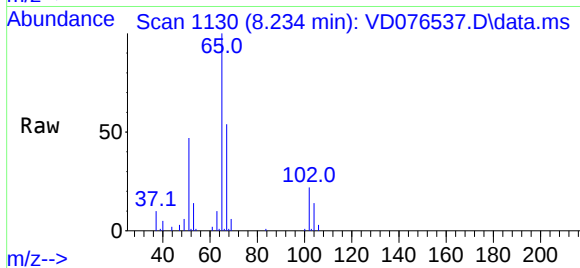
SB-06-6.5-7.0RE

Tgt Ion: 65 Resp: 43908

Ion Ratio Lower Upper

65 100

67 54.1 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: VD076537.D

Acq: 22 Jun 2023 14:15

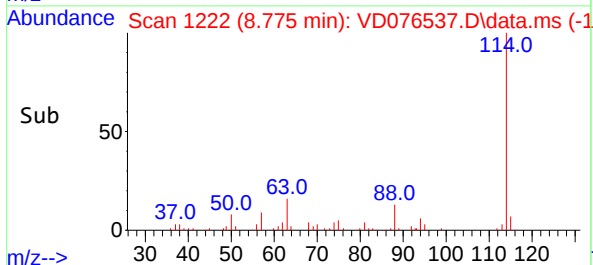
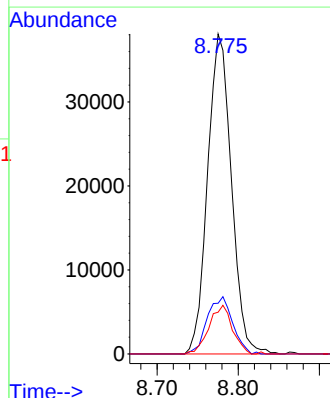
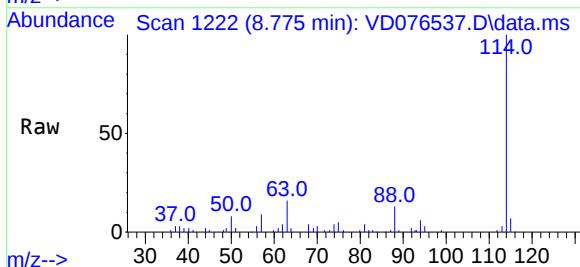
Tgt Ion: 114 Resp: 77572

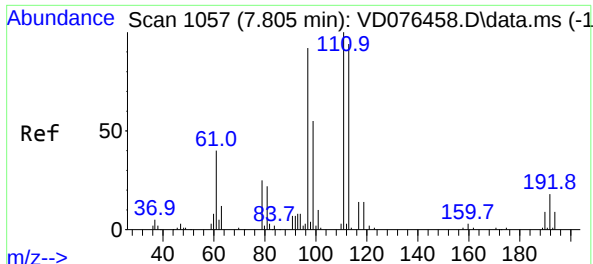
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.1 0.0 26.2

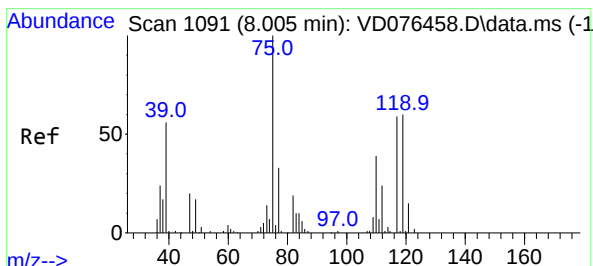
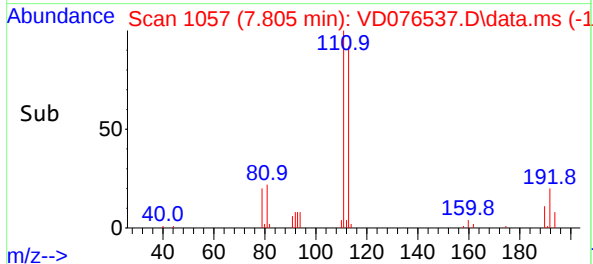
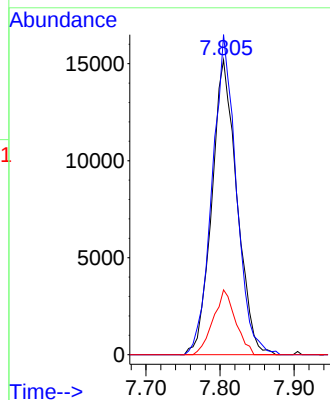
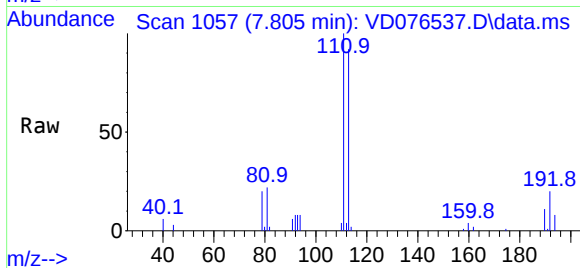




#35
Dibromofluoromethane
Concen: 77.716 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

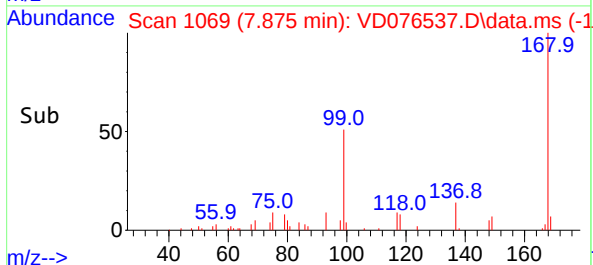
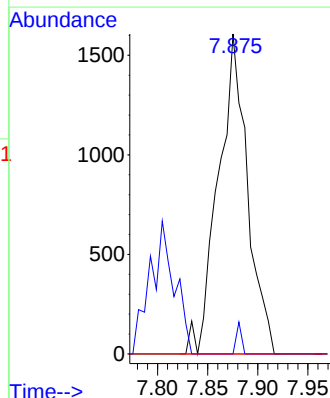
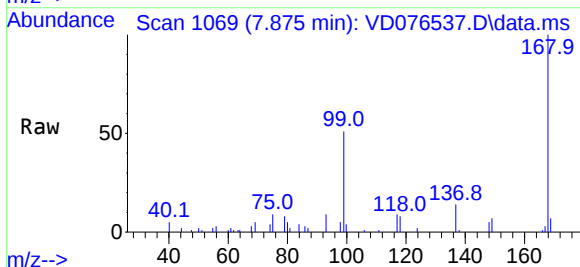
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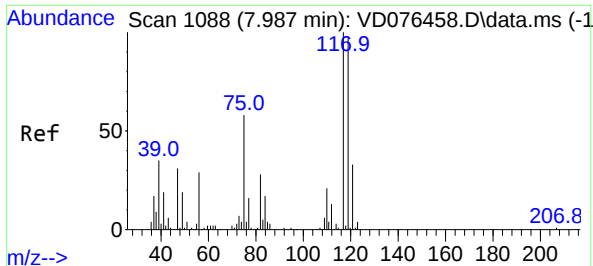
Tgt Ion:113 Resp: 35814
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 75 Resp: 3248
Ion Ratio Lower Upper
75 100
110 1.7 19.9 59.6#
77 0.0 24.7 37.1#

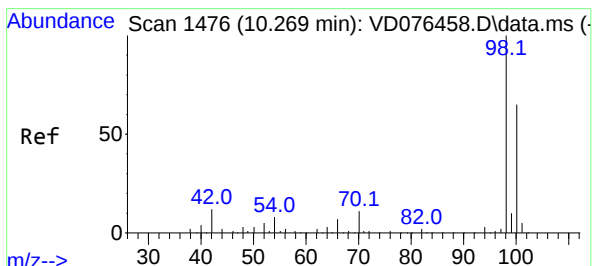
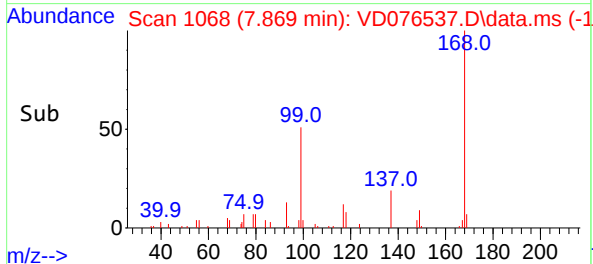
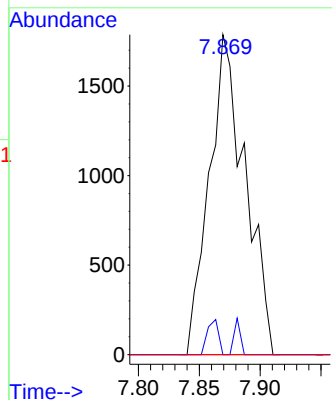
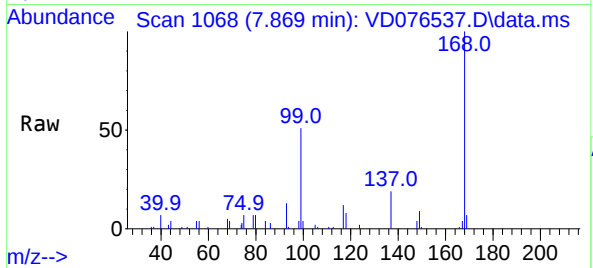




#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

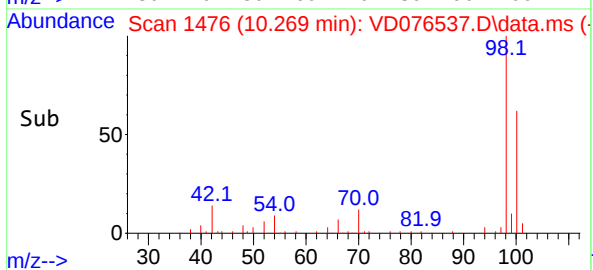
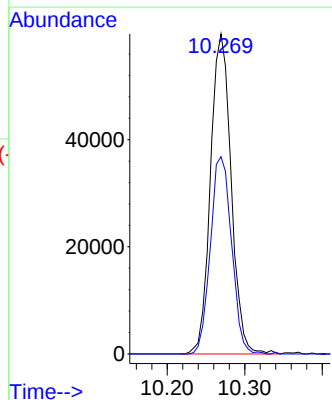
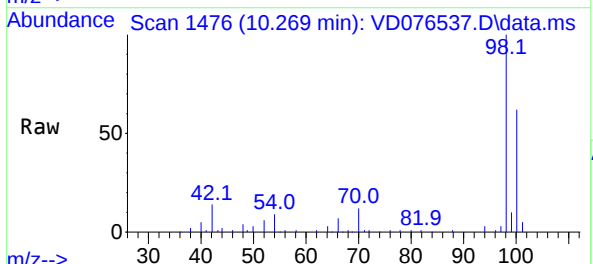
Instrument :
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SB-06-6.5-7.0RE

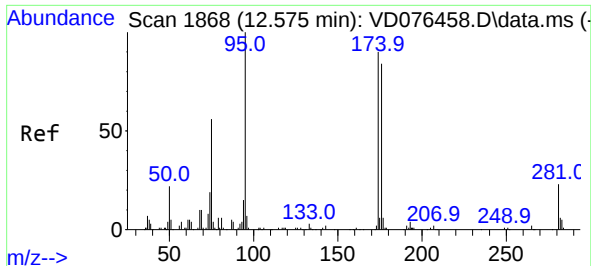
Tgt Ion:117 Resp: 3669
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 63.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion: 98 Resp: 110520
Ion Ratio Lower Upper
98 100
100 63.2 50.3 75.5

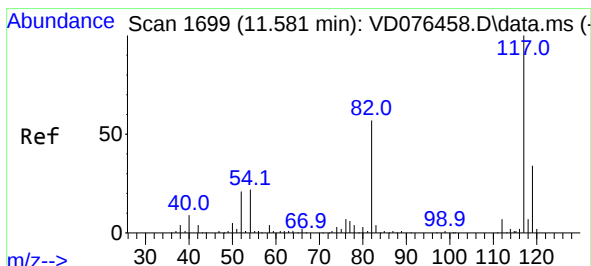
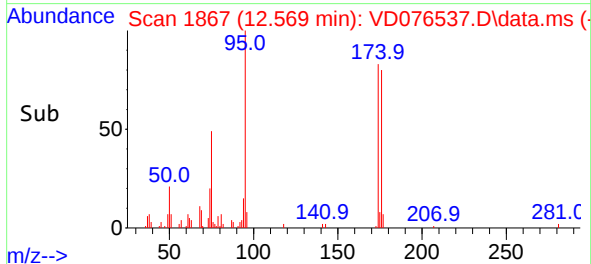
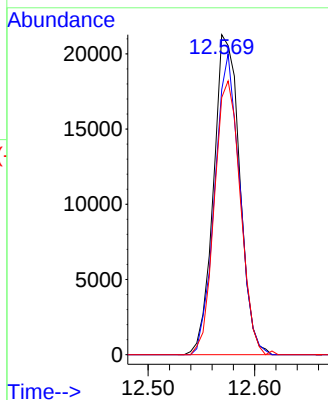
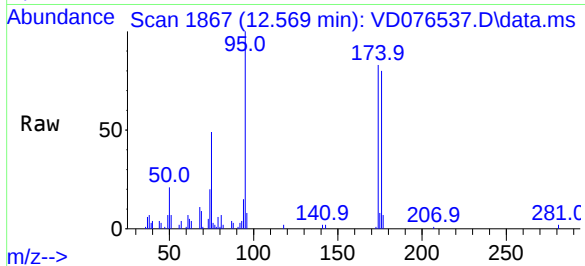




#62
4-Bromofluorobenzene
Concen: 63.682 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

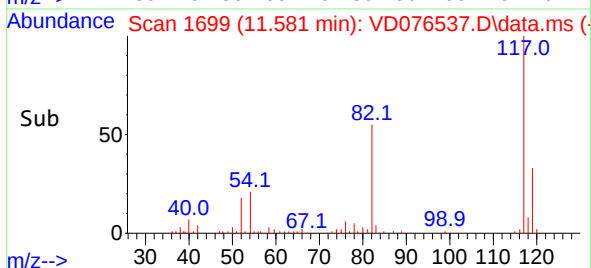
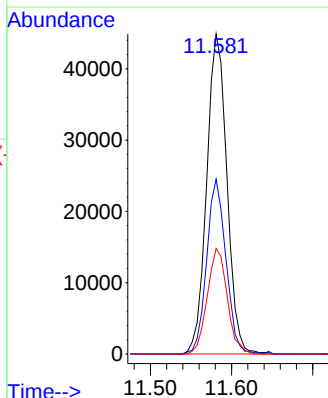
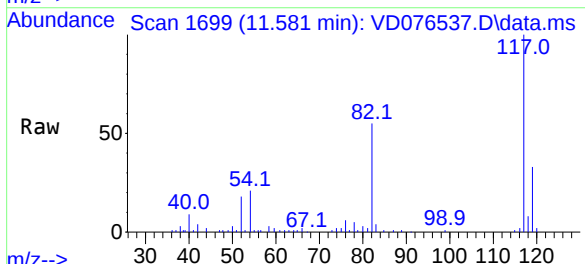
Instrument :
MSVOA_D
ClientSampleId :
SB-06-6.5-7.0RE

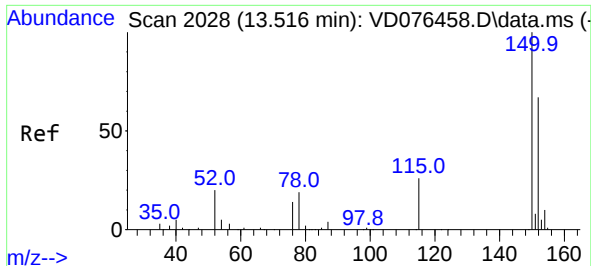
Tgt Ion:	95	Resp:	36120
Ion Ratio	Lower	Upper	
95	100		
174	89.6	0.0	201.8
176	85.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076537.D
Acq: 22 Jun 2023 14:15

Tgt Ion:	117	Resp:	77724
Ion Ratio	Lower	Upper	
117	100		
82	54.6	38.3	57.5
119	32.9	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD076537.D

Acq: 22 Jun 2023 14:15

Instrument :

MSVOA_D

ClientSampleId :

SB-06-6.5-7.0RE

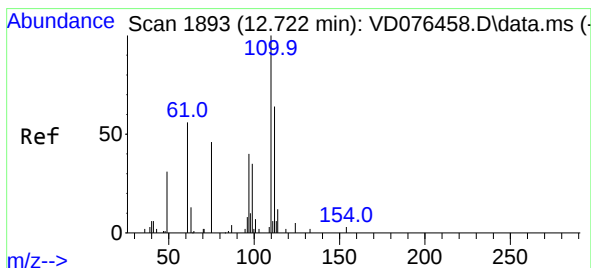
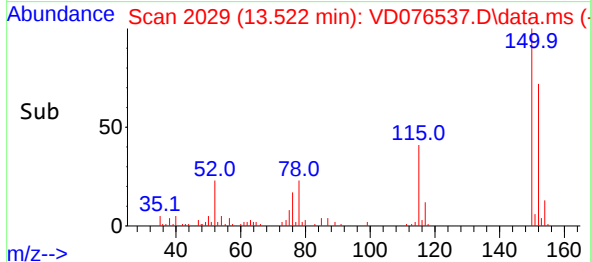
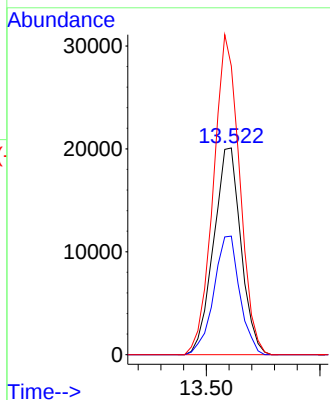
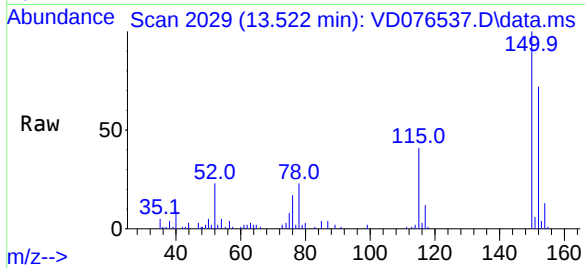
Tgt Ion:152 Resp: 33571

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 148.3 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 56.032 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076537.D

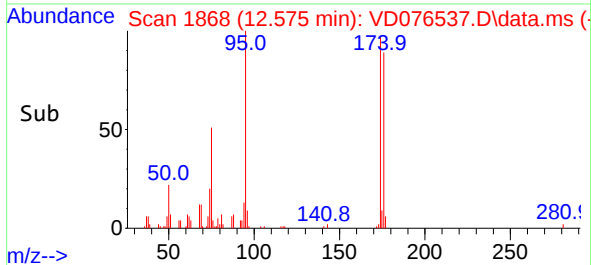
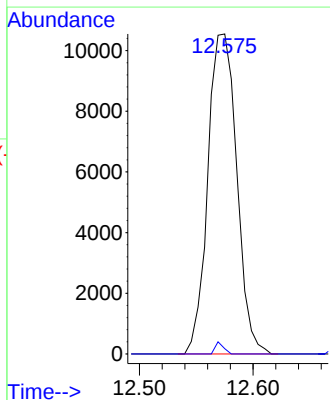
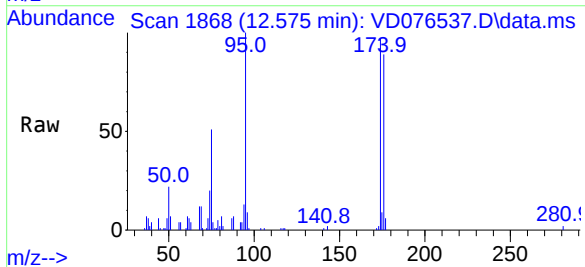
Acq: 22 Jun 2023 14:15

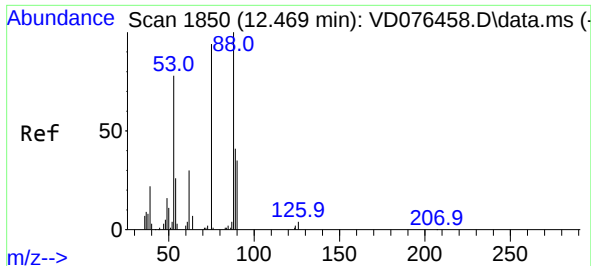
Tgt Ion: 75 Resp: 18669

Ion Ratio Lower Upper

75 100

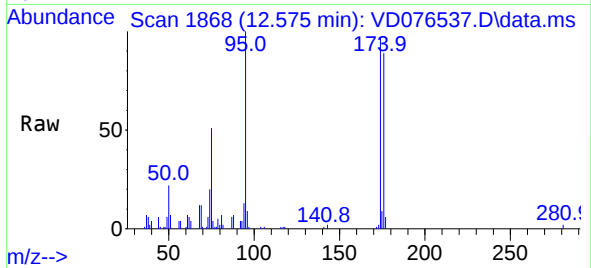
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.779 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076537.D
 Acq: 22 Jun 2023 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-6.5-7.0RE



Tgt Ion: 75 Resp: 18669
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

