

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076132.D
 Acq On : 18 May 2023 11:06
 Operator : KP/SY
 Sample : VD0518SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0518SBL01

Quant Time: May 19 01:51:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

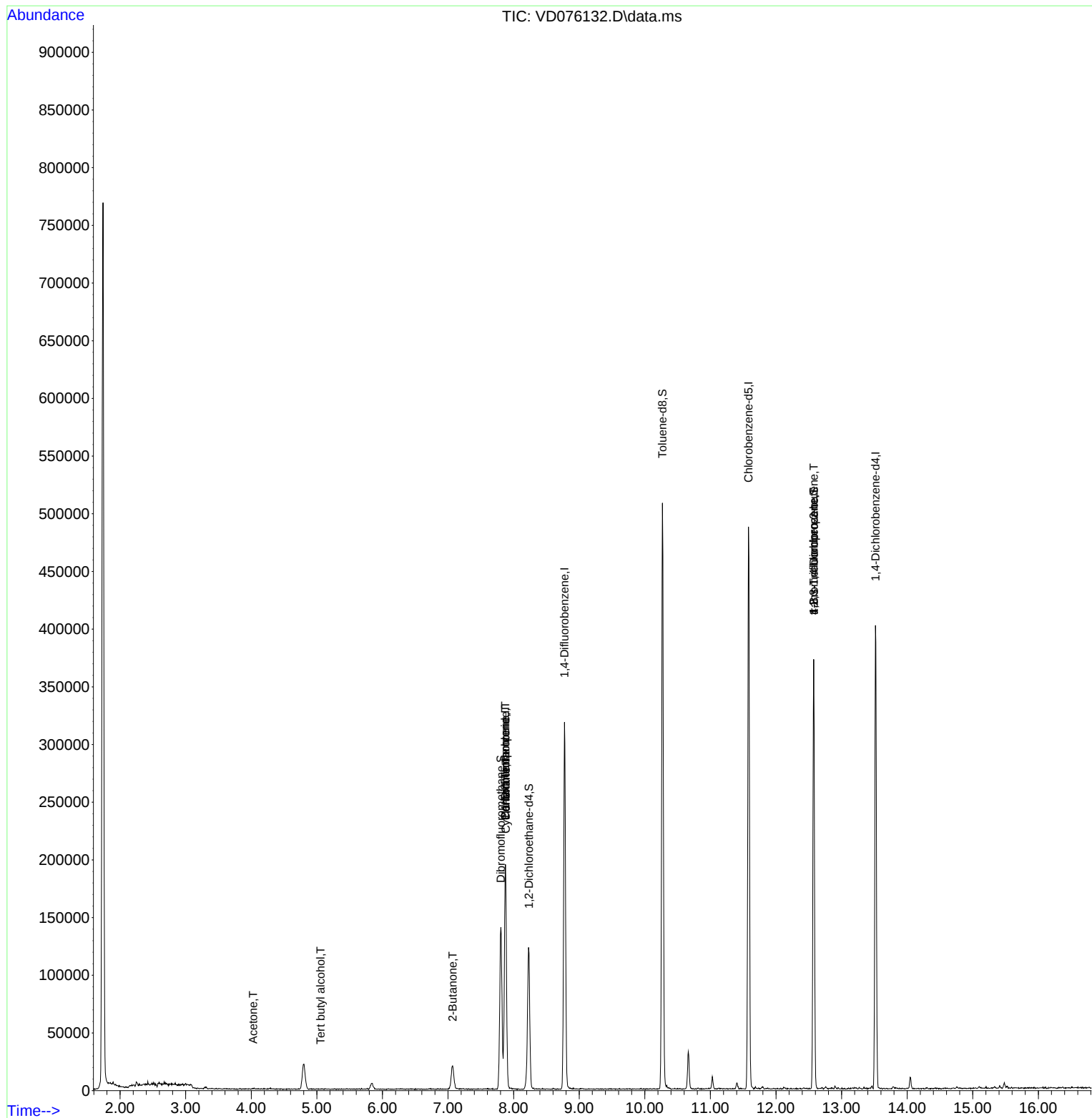
Internal Standards						
1) Pentafluorobenzene	7.875	168	157420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	298704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	315003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95628	62.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.700%			
35) Dibromofluoromethane	7.805	113	103714	50.232	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.460%			
50) Toluene-d8	10.269	98	372240	46.248	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.500%			
62) 4-Bromofluorobenzene	12.575	95	108936	48.723	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	590	Below Cal	#	44
11) Tert butyl alcohol	5.058	59	147	1.827	ug/l #	100
16) Acetone	4.028	43	830	2.742	ug/l	95
17) Carbon Disulfide	4.269	76	86	Below Cal	#	73
20) Methylene Chloride	4.805	84	19534	Below Cal	#	81
25) 2-Butanone	7.069	43	614	1.613	ug/l #	36
31) Cyclohexane	7.881	56	3103	1.332	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12521	4.490	ug/l #	49
38) Carbon Tetrachloride	7.875	117	15033	5.968	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	51996	51.700	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	51996	108.458	ug/l #	5

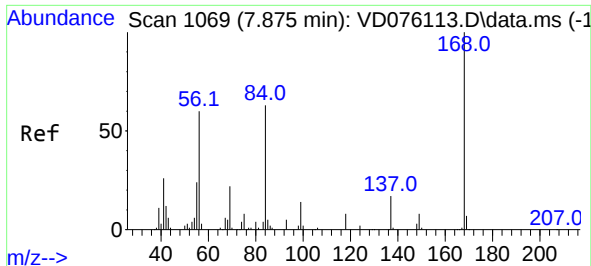
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
Data File : VD076132.D
Acq On : 18 May 2023 11:06
Operator : KP/SY
Sample : VD0518SBL01
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

Quant Time: May 19 01:51:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

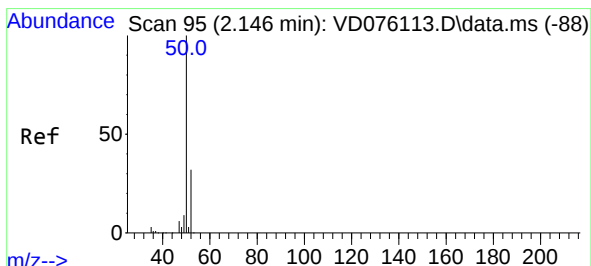
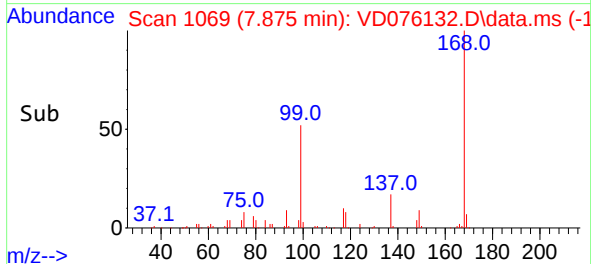
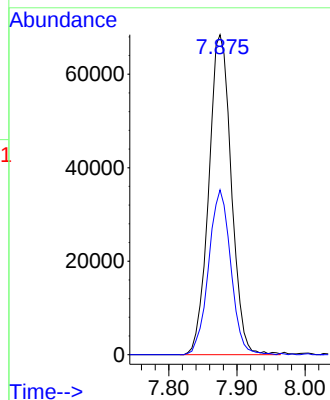
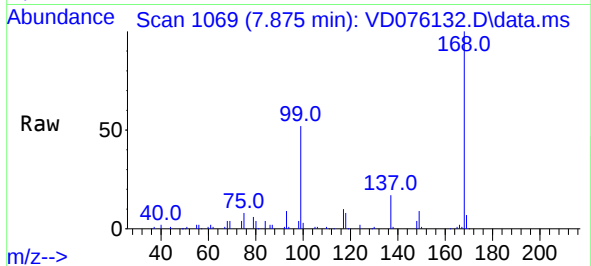




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

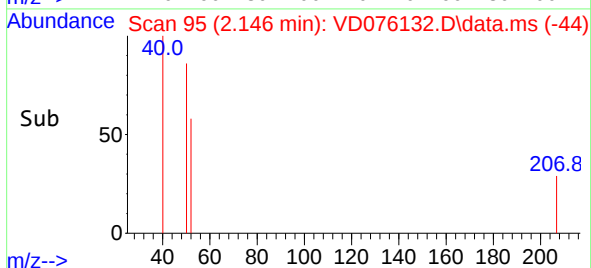
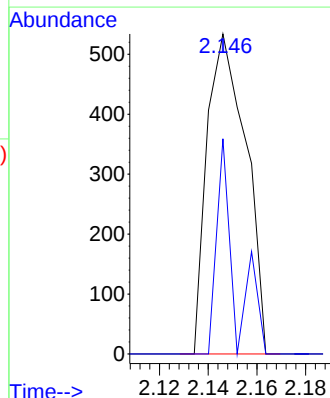
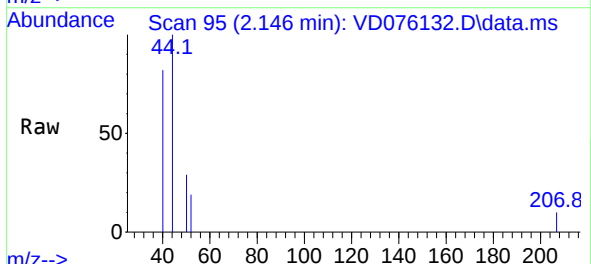
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

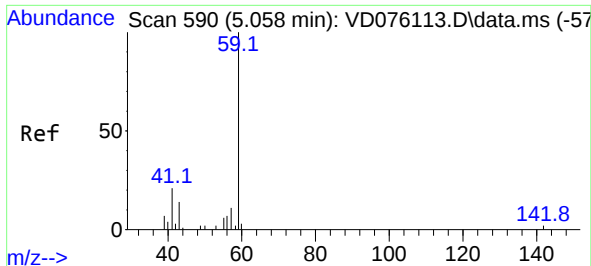
Tgt Ion:168 Resp: 157420
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 67.2 27.8 41.8#

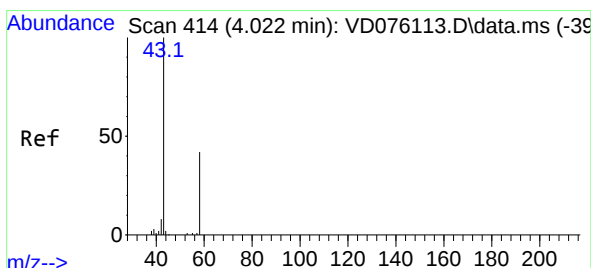
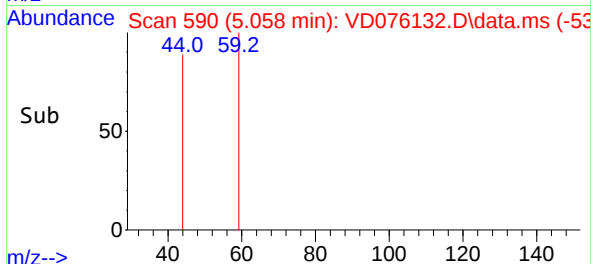
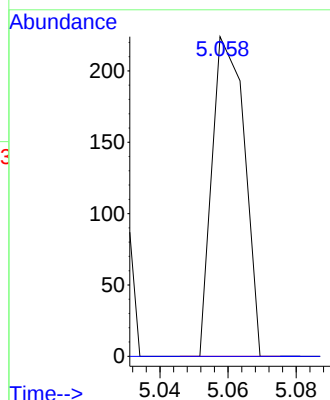
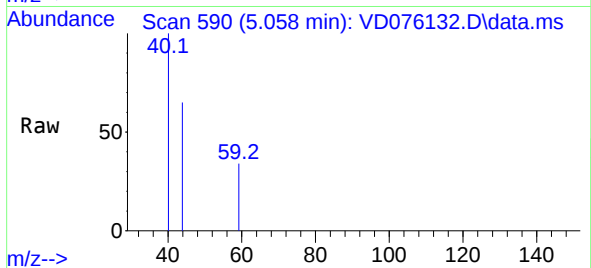




#11
Tert butyl alcohol
Concen: 1.827 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

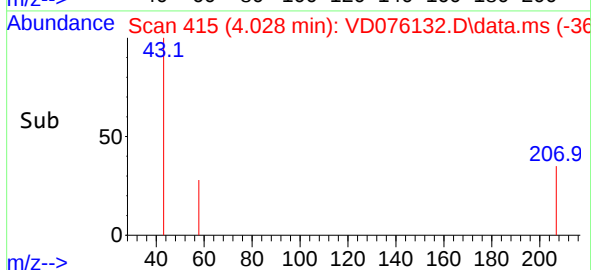
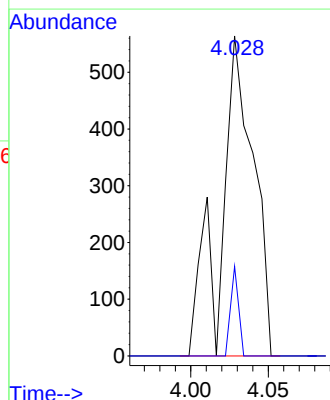
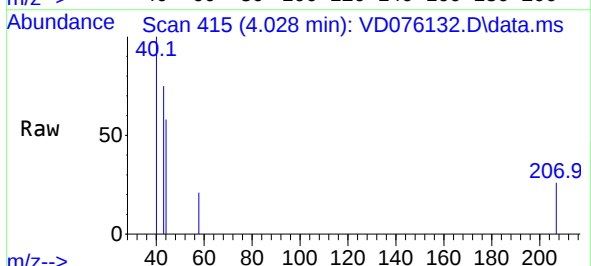
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

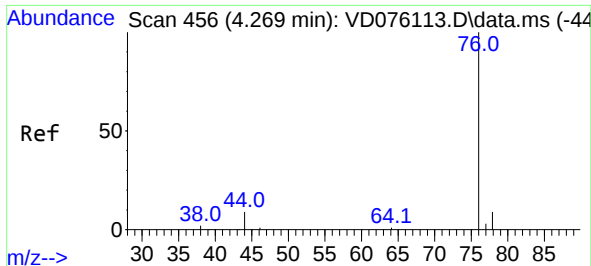
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#16
Acetone
Concen: 2.742 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 28.0 24.4 36.6

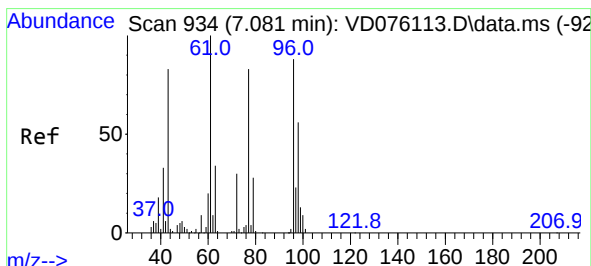
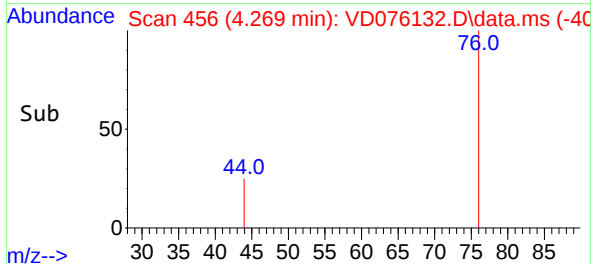
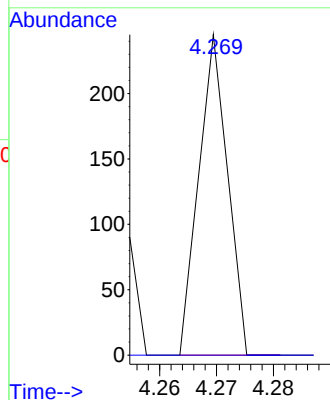
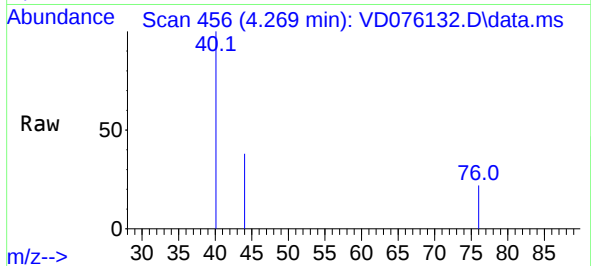




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

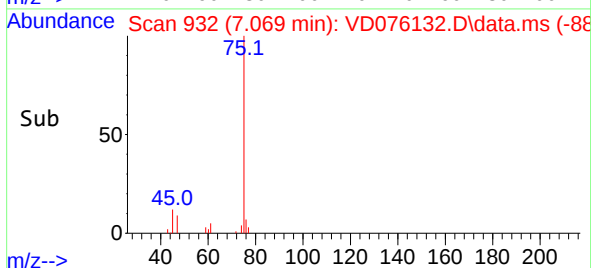
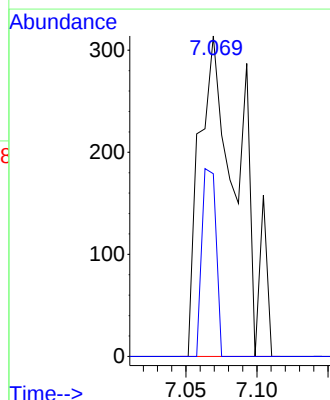
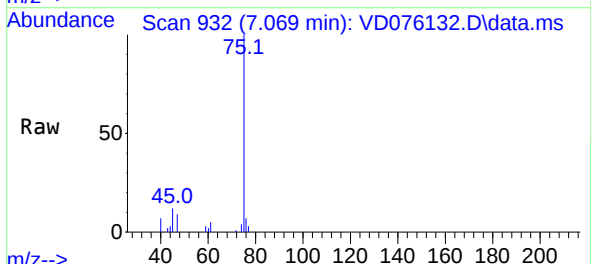
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

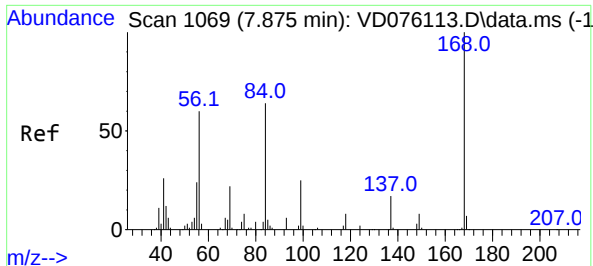
Tgt Ion: 76 Resp: 86
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



#25
2-Butanone
Concen: 1.613 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
72 57.0 19.8 29.8#

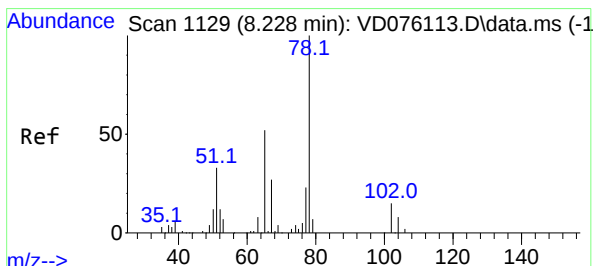
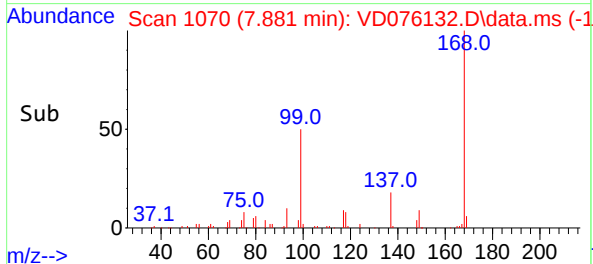
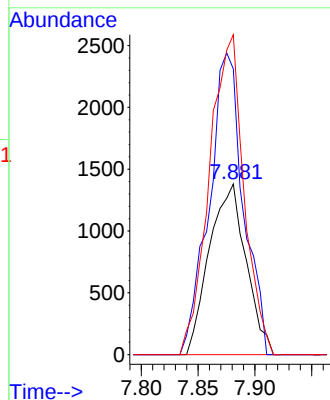
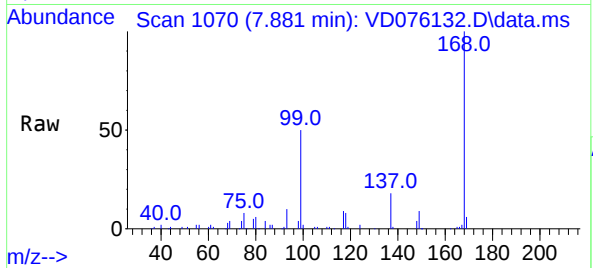




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

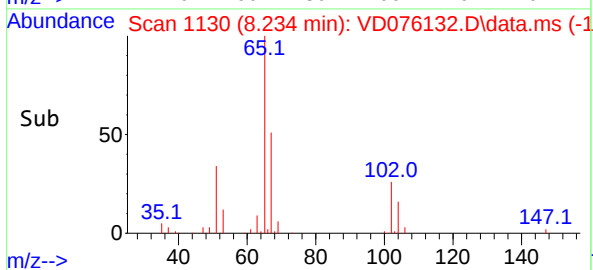
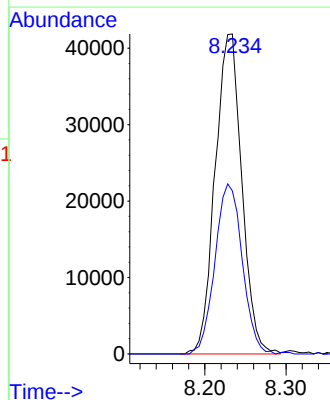
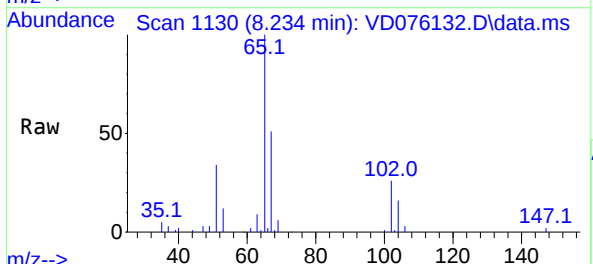
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

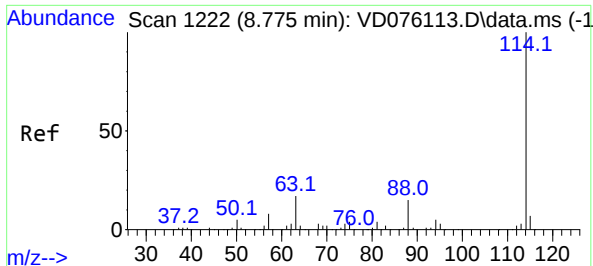
Tgt Ion: 56 Resp: 3103
Ion Ratio Lower Upper
56 100
69 167.5 25.5 38.3#
84 187.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 62.854 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 65 Resp: 95628
Ion Ratio Lower Upper
65 100
67 54.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076132.D

Acq: 18 May 2023 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBL01

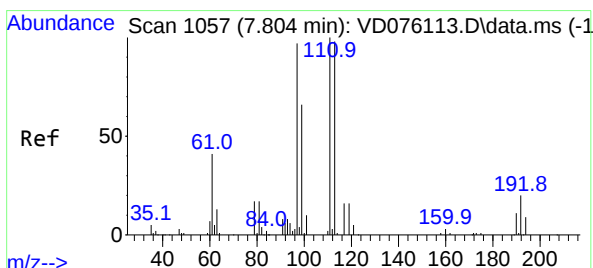
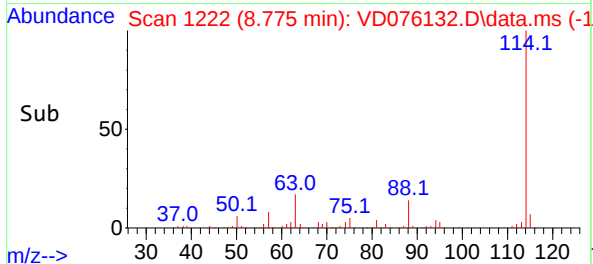
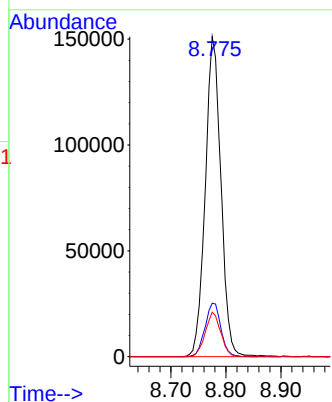
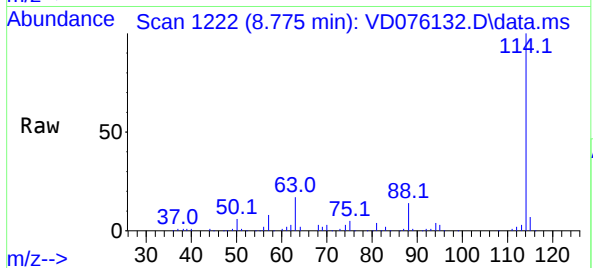
Tgt Ion:114 Resp: 298704

Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.232 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076132.D

Acq: 18 May 2023 11:06

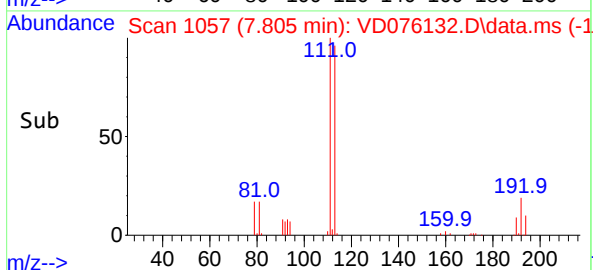
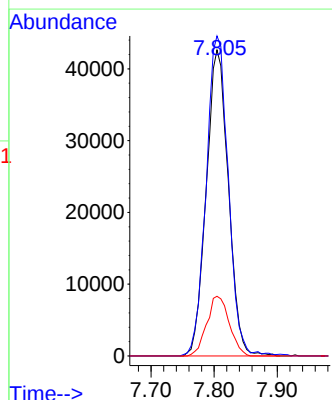
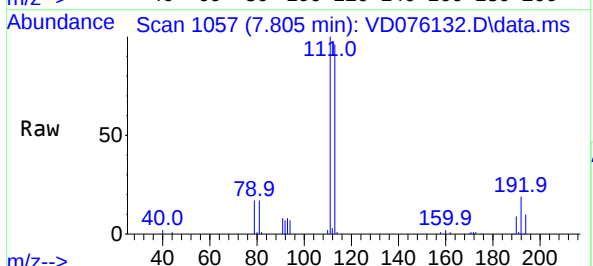
Tgt Ion:113 Resp: 103714

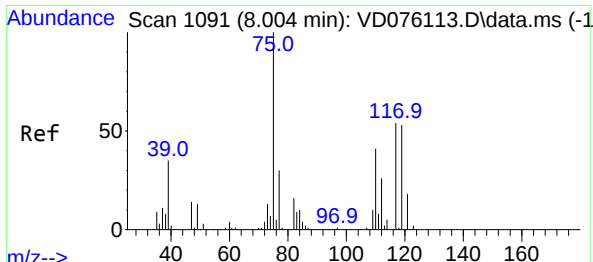
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 19.8 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.490 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076132.D

Acq: 18 May 2023 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0518SBL01

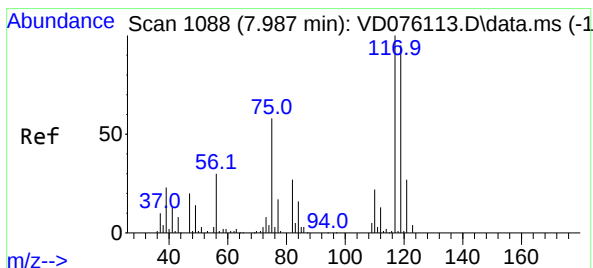
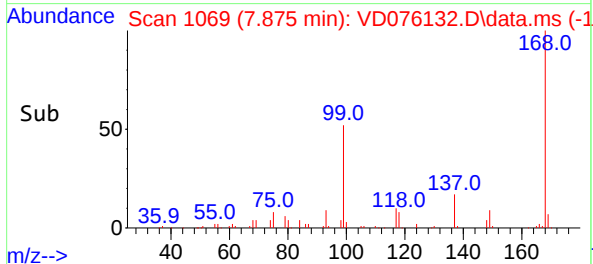
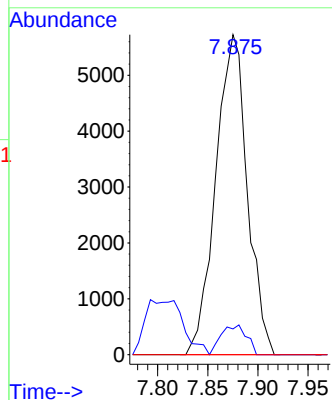
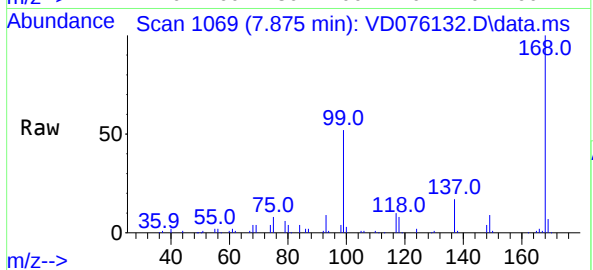
Tgt Ion: 75 Resp: 12521

Ion Ratio Lower Upper

75 100

110 7.5 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.968 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076132.D

Acq: 18 May 2023 11:06

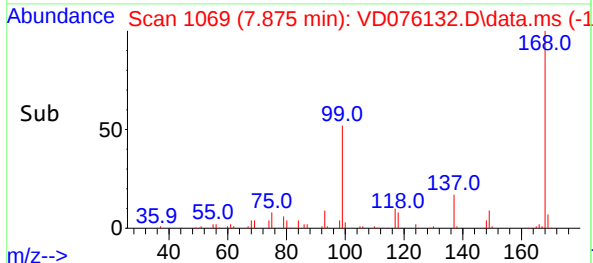
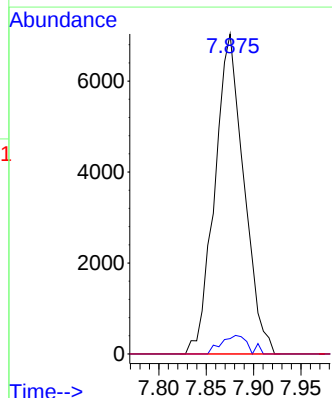
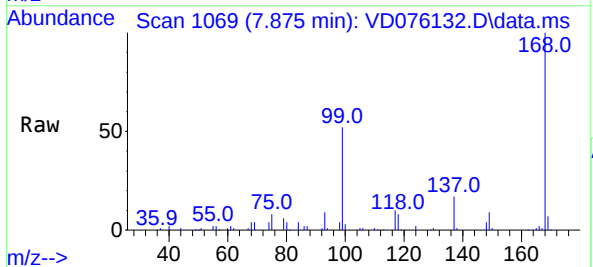
Tgt Ion: 117 Resp: 15033

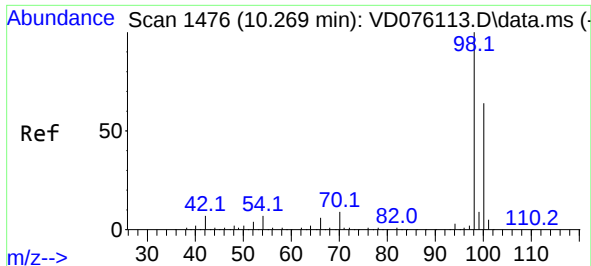
Ion Ratio Lower Upper

117 100

119 4.8 74.7 112.1#

121 0.0 25.9 38.9#

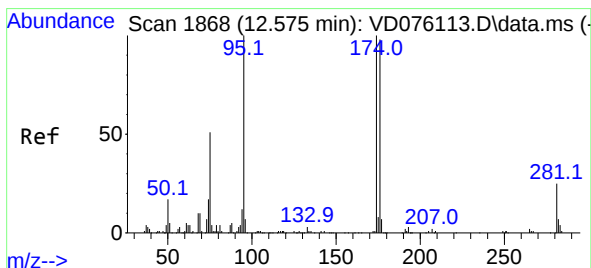
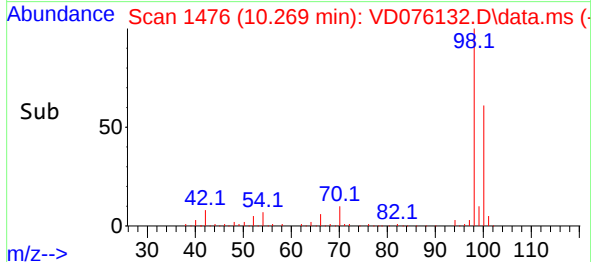
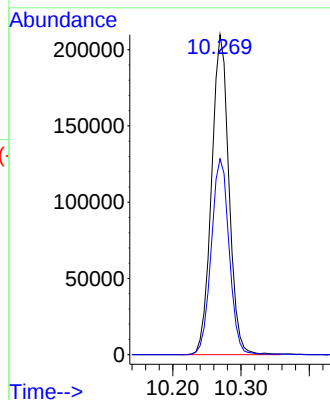
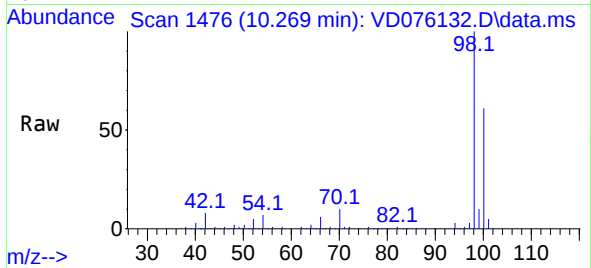




#50
Toluene-d8
Concen: 46.248 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

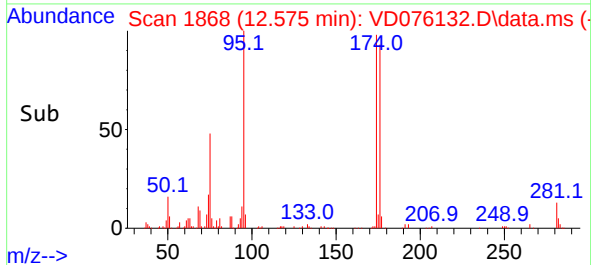
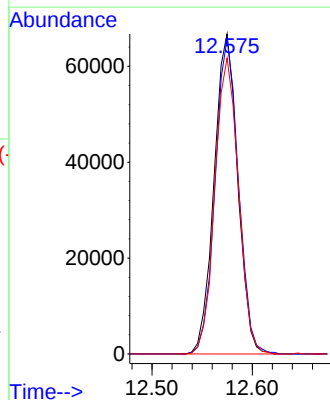
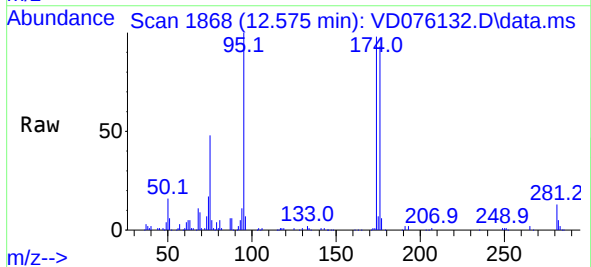
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

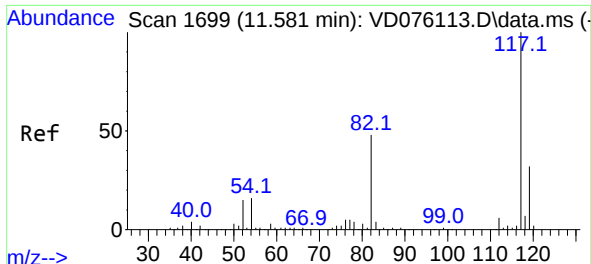
Tgt Ion: 98 Resp: 372240
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.723 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 95 Resp: 108936
Ion Ratio Lower Upper
95 100
174 97.0 0.0 164.0
176 92.6 0.0 156.8

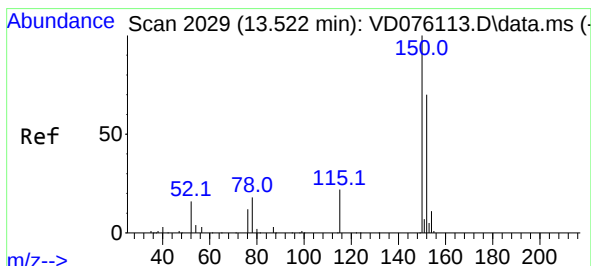
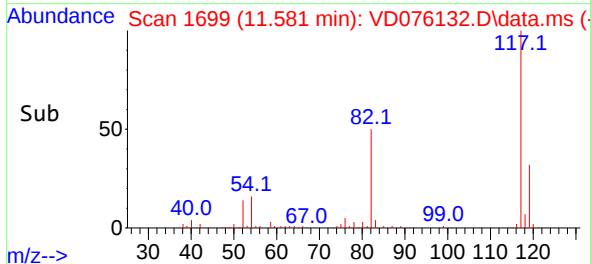
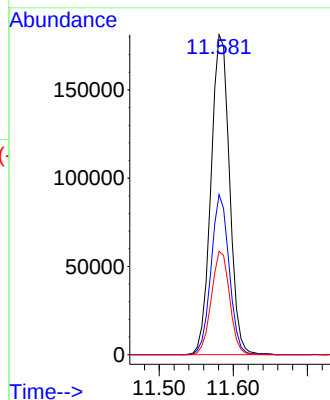
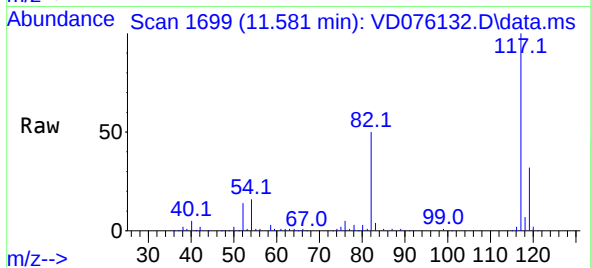




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

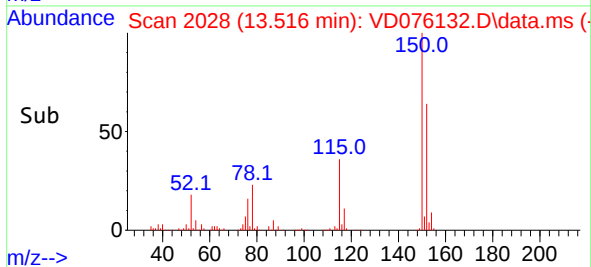
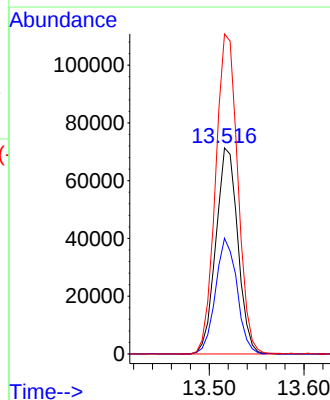
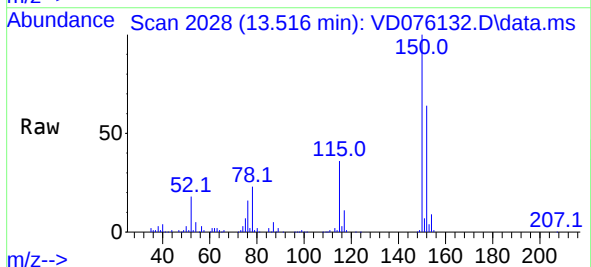
Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

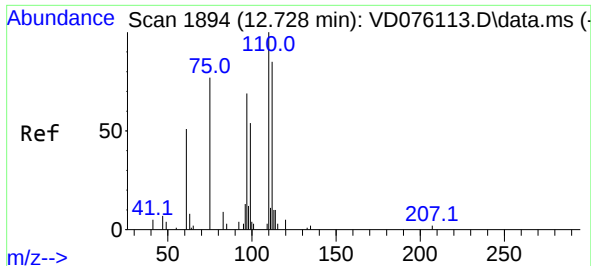
Tgt Ion:117 Resp: 315003
Ion Ratio Lower Upper
117 100
82 50.0 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion:152 Resp: 114929
Ion Ratio Lower Upper
152 100
115 55.1 30.1 90.3
150 157.3 0.0 364.8

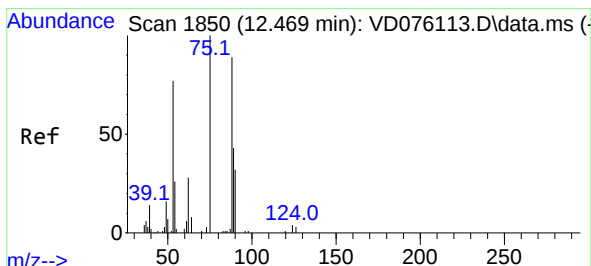
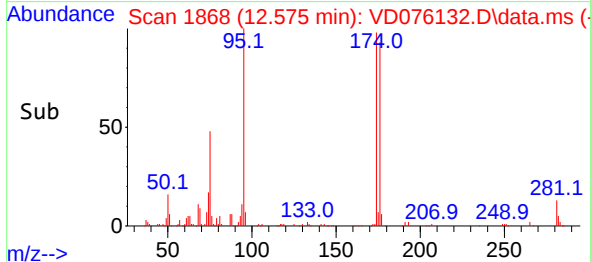
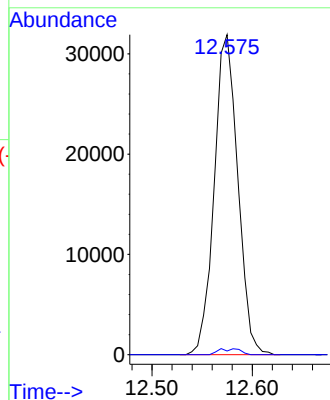
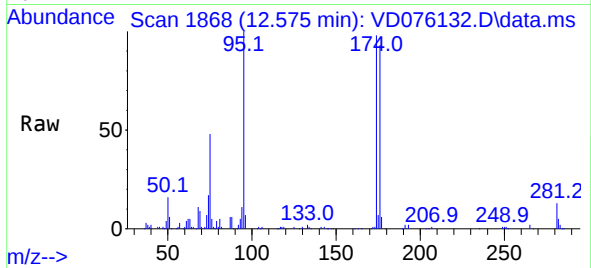




#76
1,2,3-Trichloropropane
Concen: 51.700 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Instrument :
MSVOA_D
ClientSampleId :
VD0518SBL01

Tgt Ion: 75 Resp: 51996
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.458 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076132.D
Acq: 18 May 2023 11:06

Tgt Ion: 75 Resp: 51996
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

