

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074460.D
 Acq On : 06 Oct 2022 12:26
 Operator : VA/SY
 Sample : VD1006SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBL01

Quant Time: Oct 07 01:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

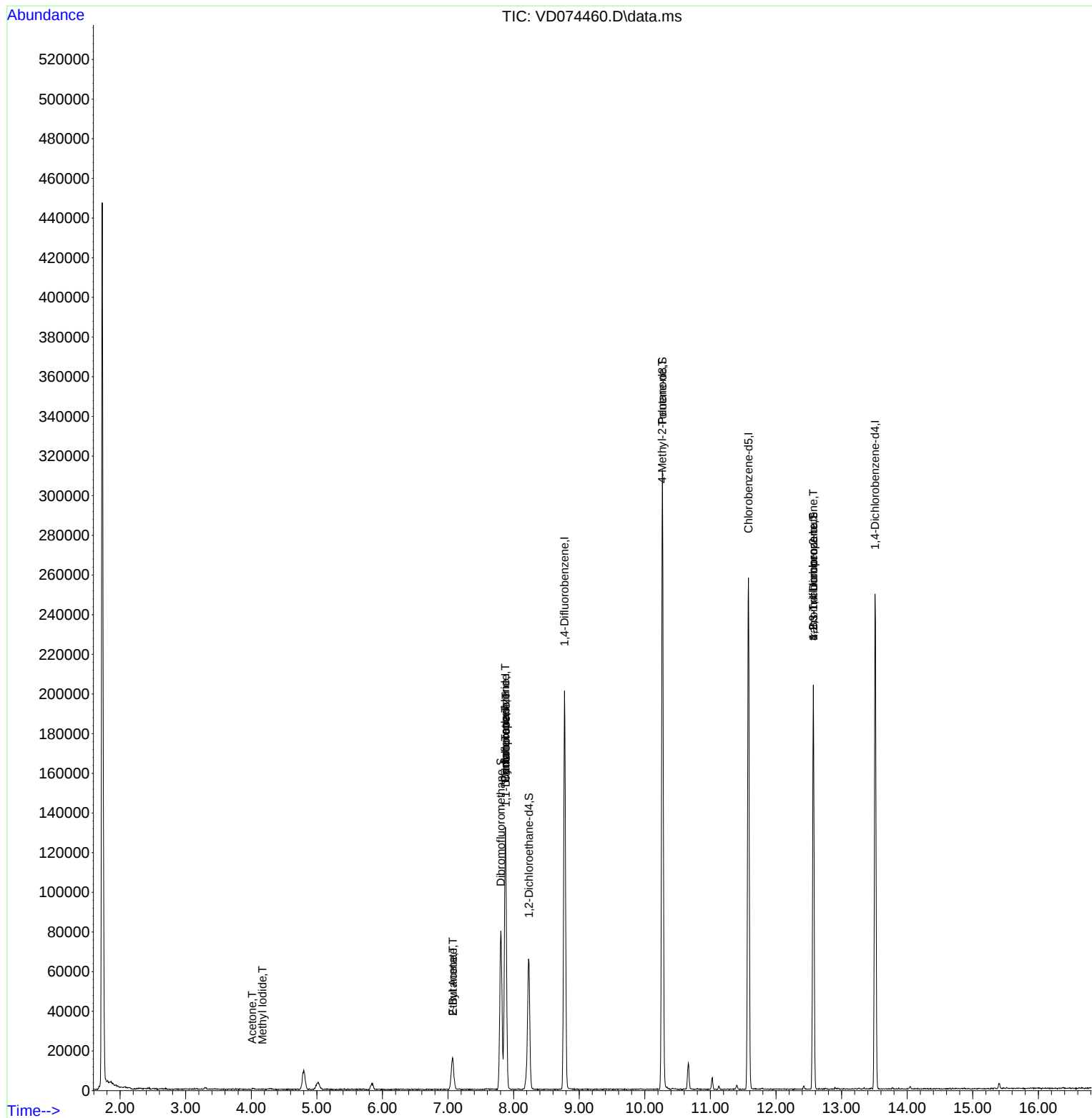
Internal Standards						
1) Pentafluorobenzene	7.875	168	104942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	185938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	159815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50482	54.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.805	113	58424	47.650	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.300%	
50) Toluene-d8	10.269	98	221634	49.507	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.569	95	61089	43.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.620%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.170	142	131	5.887	ug/l #	43
11) Tert butyl alcohol	5.016	59	3846	Below Cal	#	84
16) Acetone	4.017	43	850	15.120	ug/l #	37
25) 2-Butanone	7.075	43	732	2.737	ug/l #	42
31) Cyclohexane	7.875	56	2110	1.127	ug/l #	46
36) 1,1-Dichloropropene	7.881	75	7512	4.365	ug/l #	44
37) Ethyl Acetate	7.075	43	732	1.295	ug/l #	1
38) Carbon Tetrachloride	7.875	117	10220	6.701	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	609	1.137	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	30555	56.863	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	30555	126.868	ug/l #	17

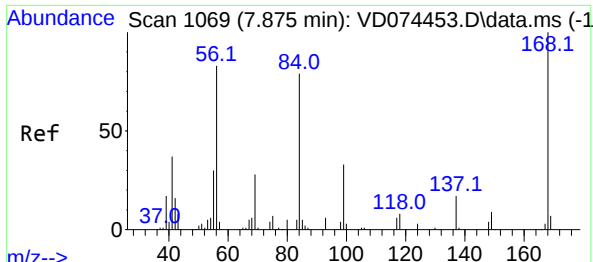
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

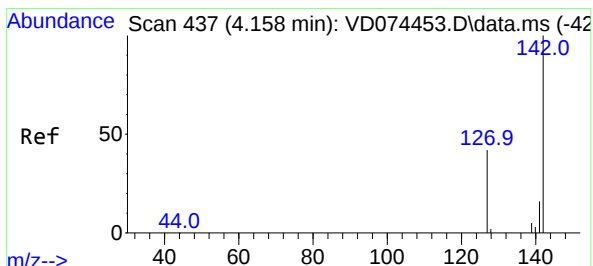
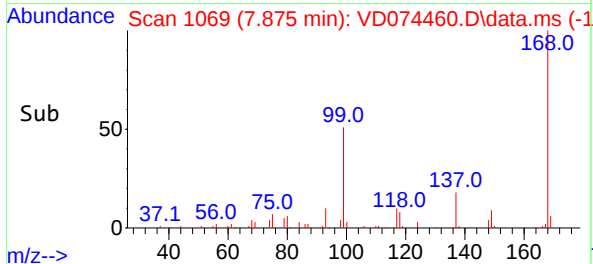
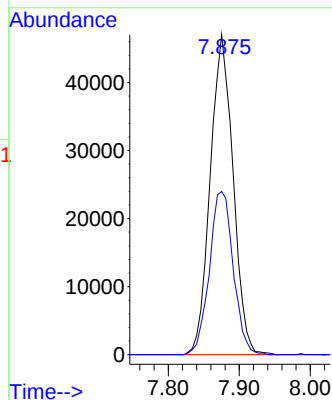
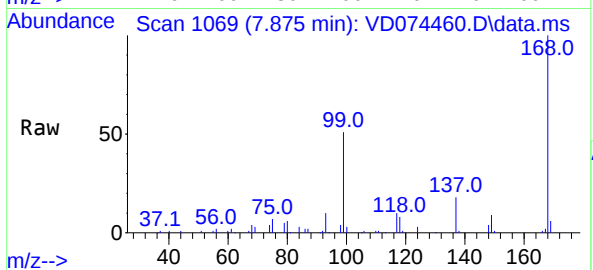




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

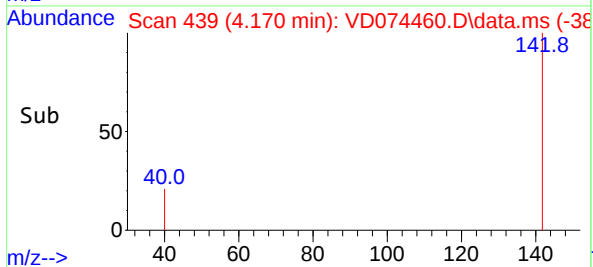
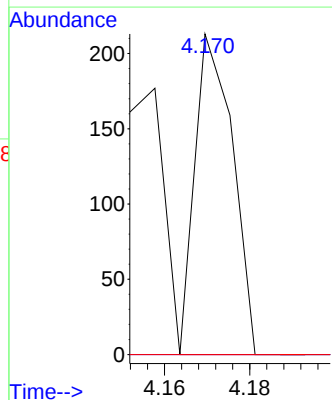
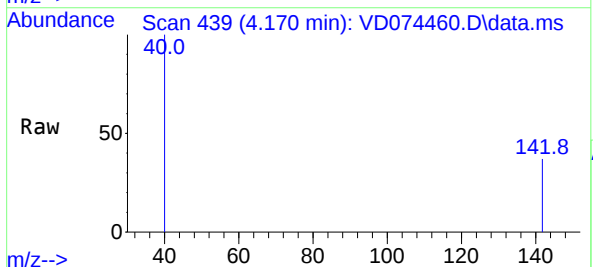
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

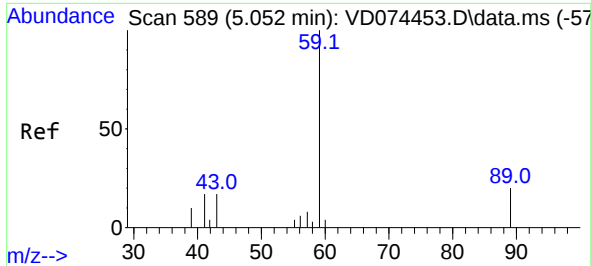
Tgt Ion:168 Resp: 104942
Ion Ratio Lower Upper
168 100
99 51.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.887 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

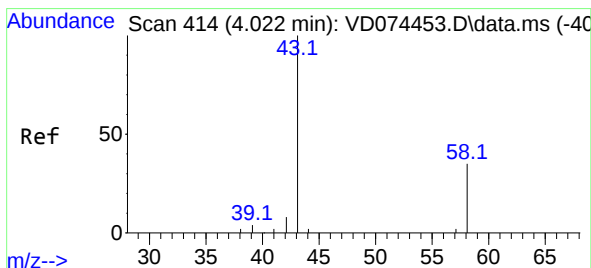
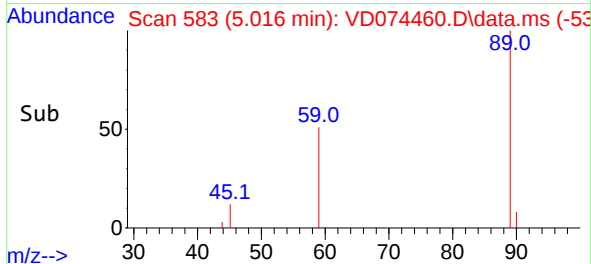
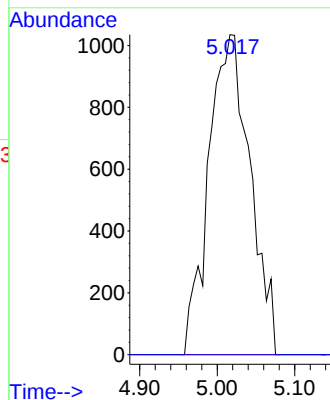
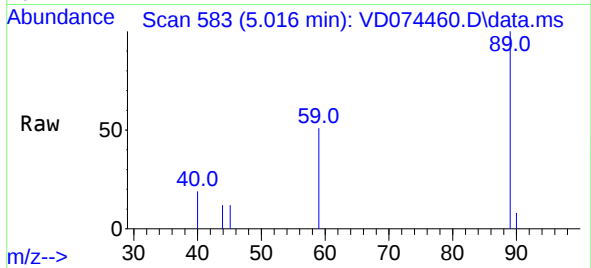




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

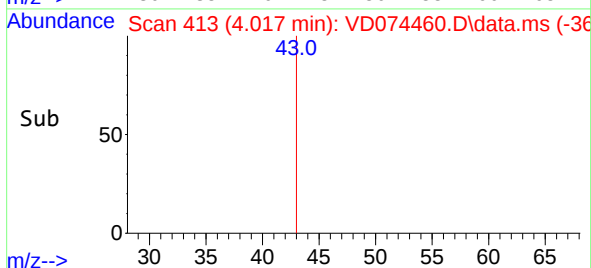
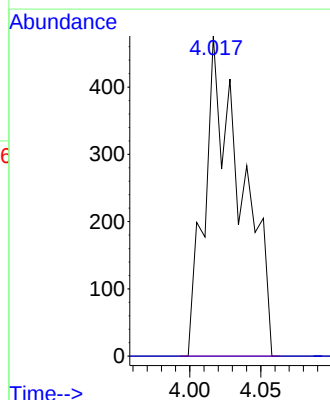
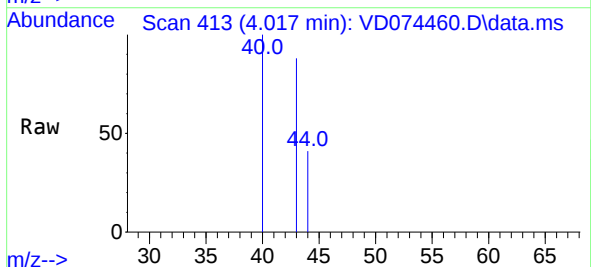
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

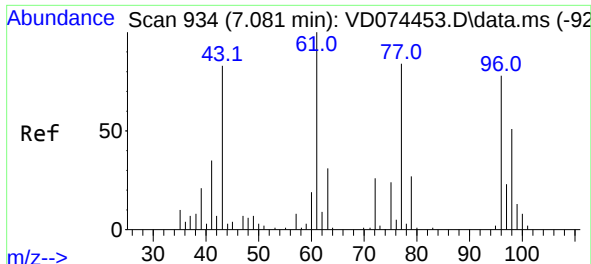
Tgt Ion: 59 Resp: 3846
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 15.120 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

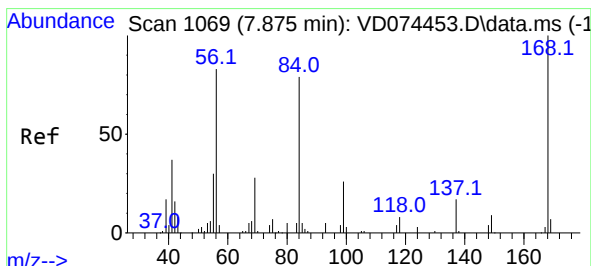
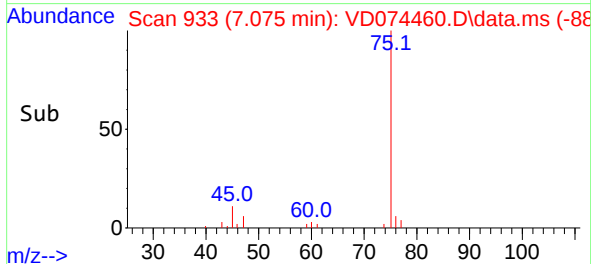
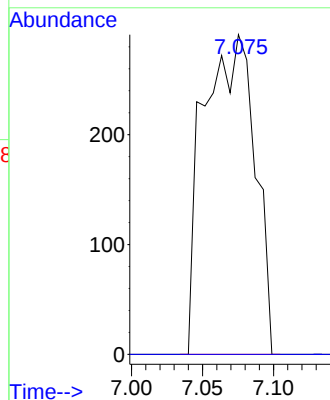
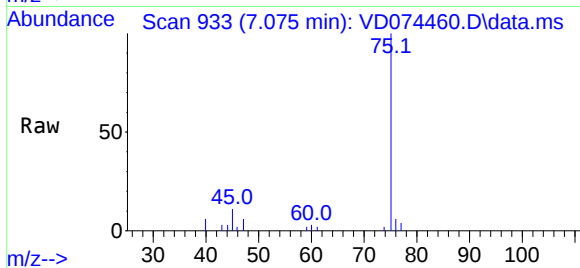




#25
2-Butanone
Concen: 2.737 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

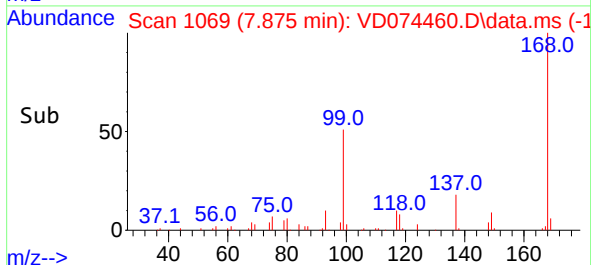
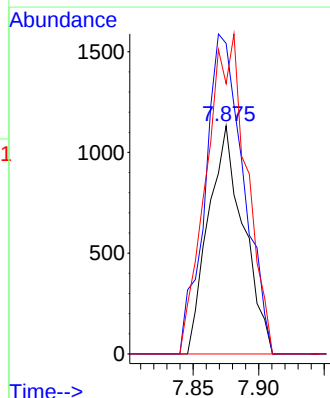
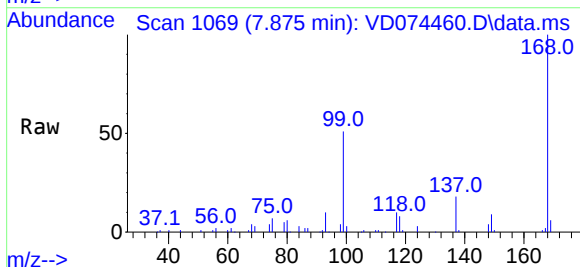
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

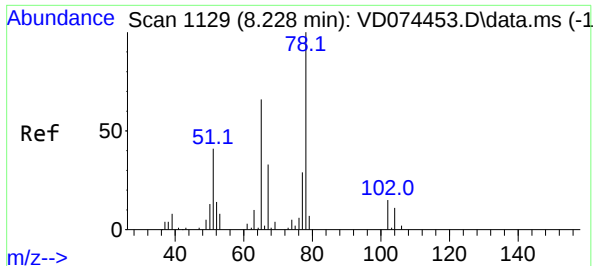
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

Tgt Ion: 56 Resp: 2110
Ion Ratio Lower Upper
56 100
69 136.1 29.2 43.8#
84 118.5 83.4 125.2





#33

1,2-Dichloroethane-d4

Concen: 54.143 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

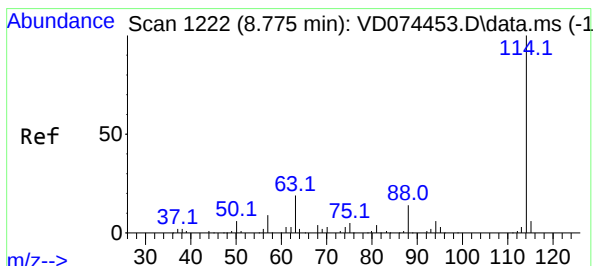
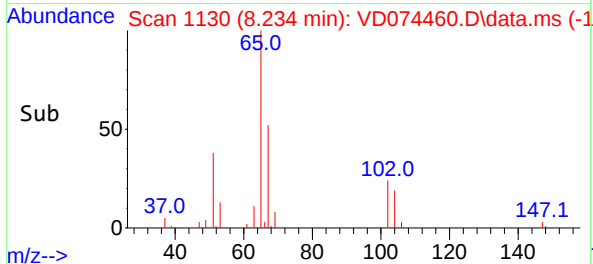
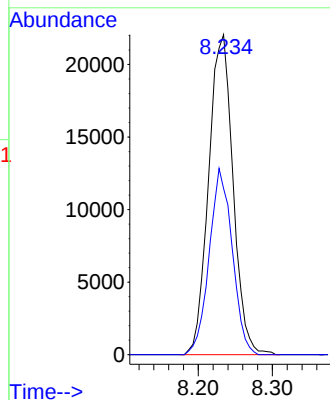
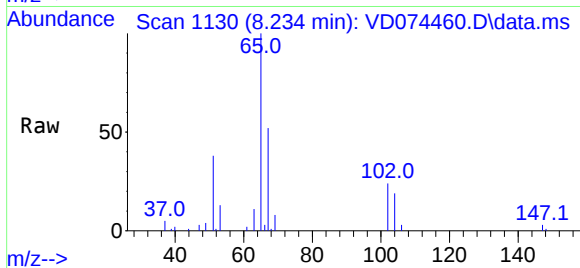
VD1006SBL01

Tgt Ion: 65 Resp: 50482

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

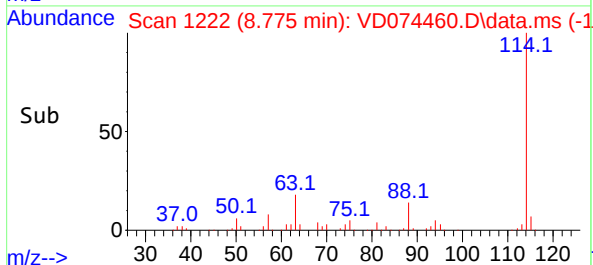
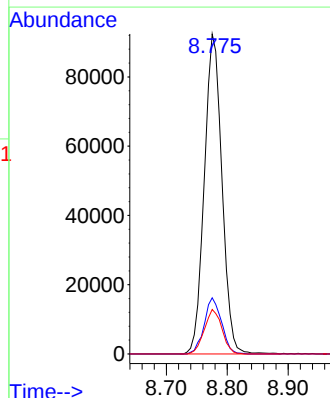
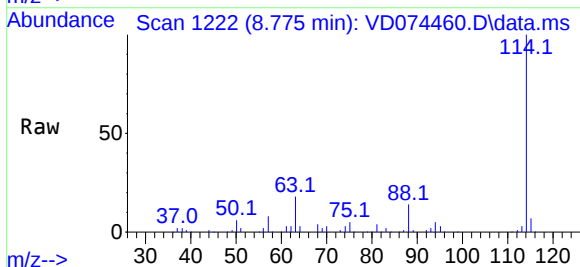
Tgt Ion: 114 Resp: 185938

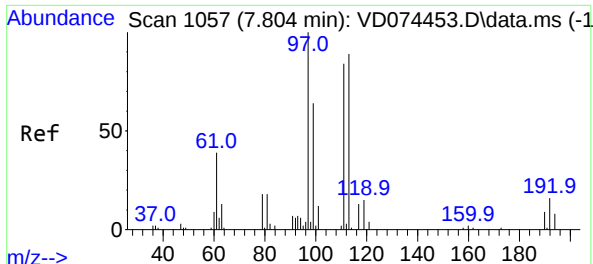
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 47.650 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBL01

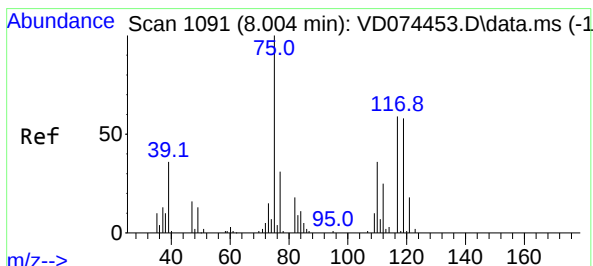
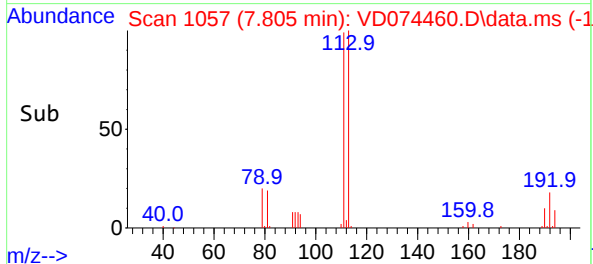
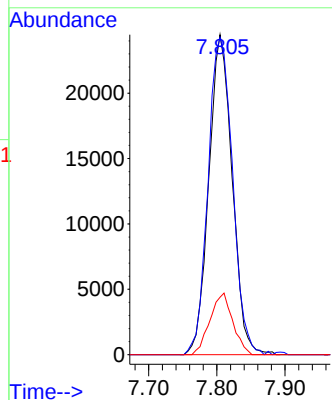
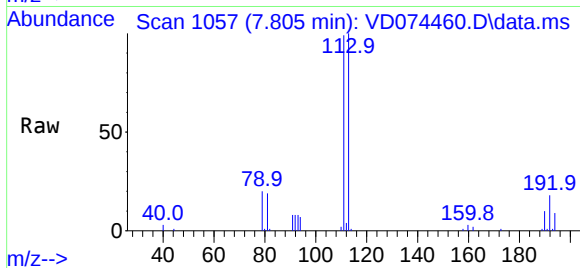
Tgt Ion:113 Resp: 58424

Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 18.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.365 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.123 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

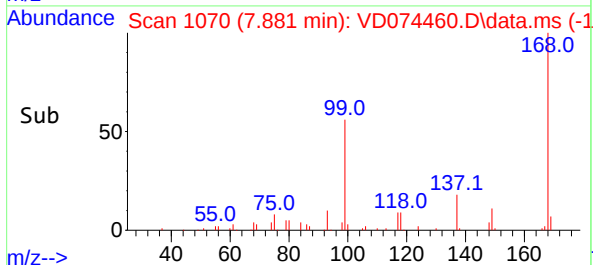
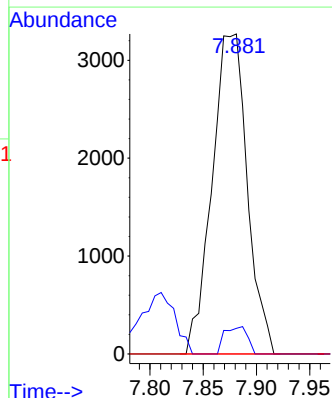
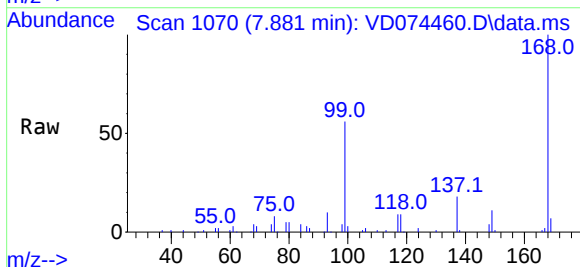
Tgt Ion: 75 Resp: 7512

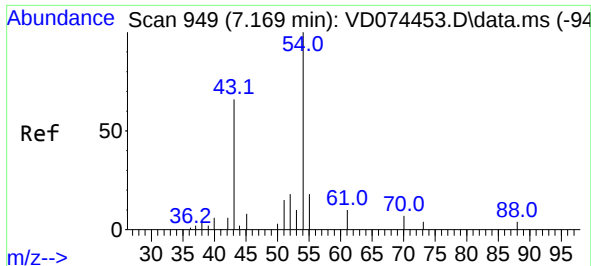
Ion Ratio Lower Upper

75 100

110 5.5 19.7 59.0#

77 0.0 25.4 38.2#





#37

Ethyl Acetate

Concen: 1.295 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.094 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD1006SBL01

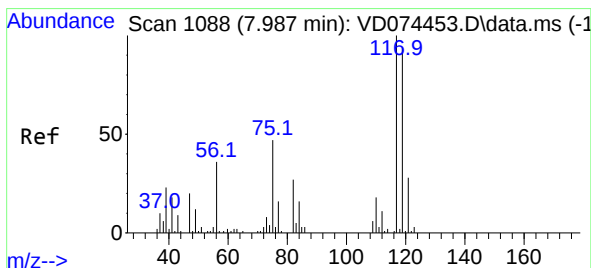
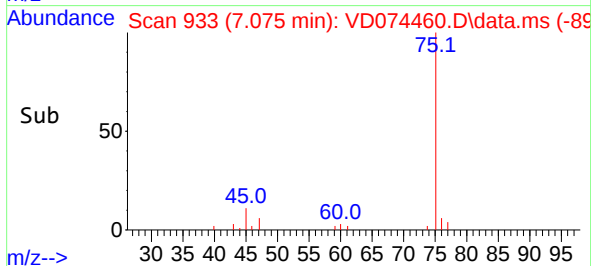
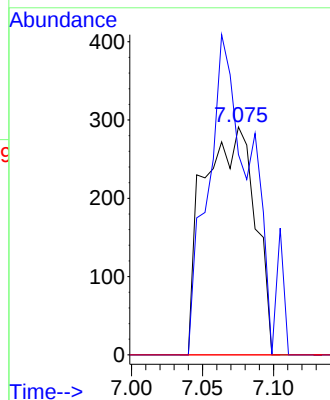
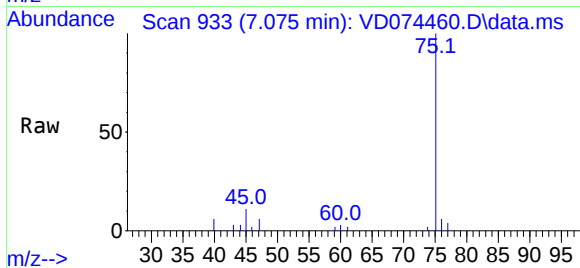
Tgt Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

61 119.7 12.2 18.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 6.701 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074460.D

Acq: 06 Oct 2022 12:26

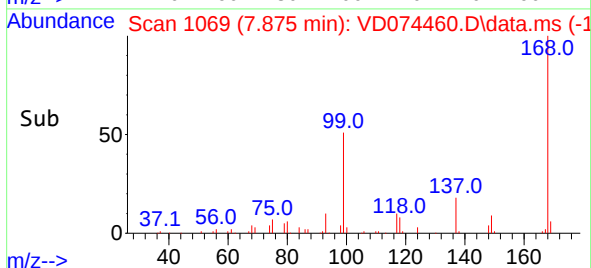
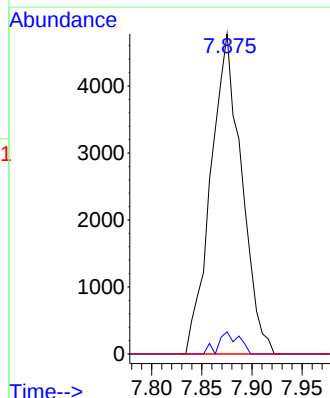
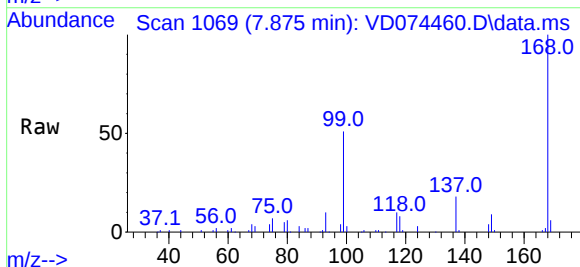
Tgt Ion: 117 Resp: 10220

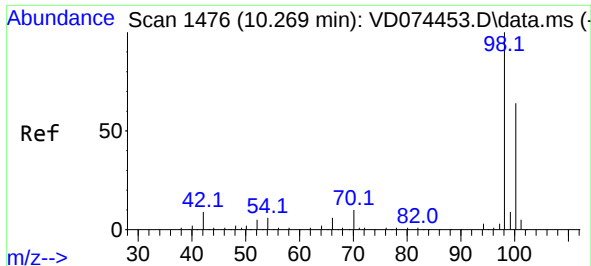
Ion Ratio Lower Upper

117 100

119 7.0 73.1 109.7#

121 0.0 25.0 37.6#

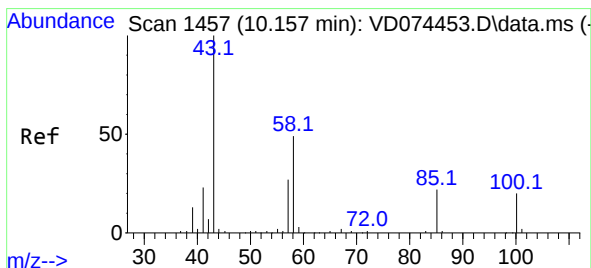
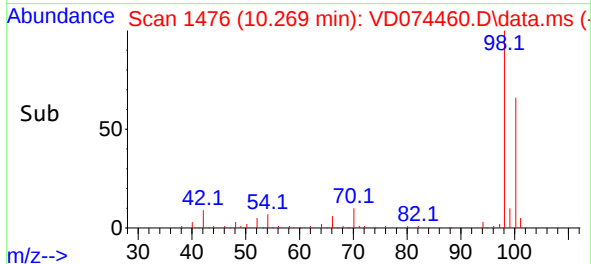
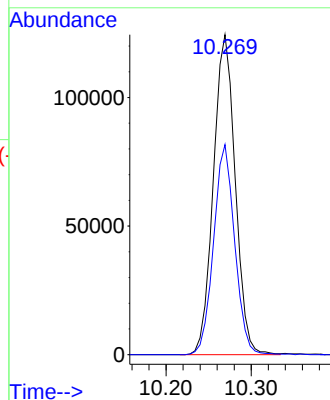
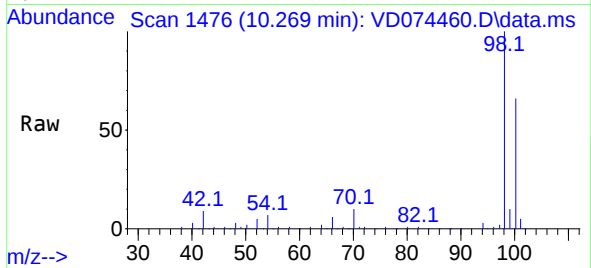




#50
Toluene-d8
Concen: 49.507 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

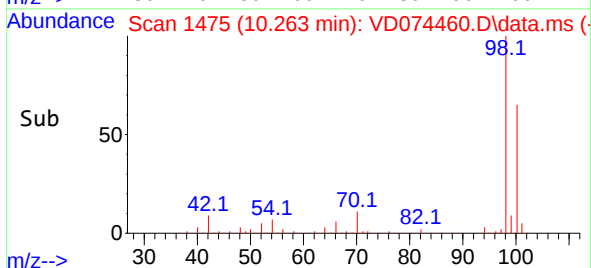
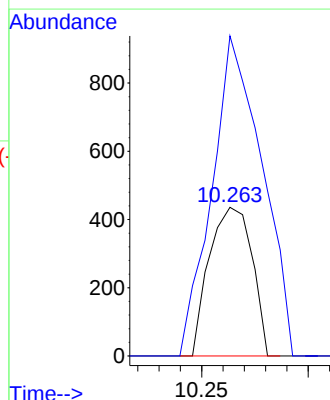
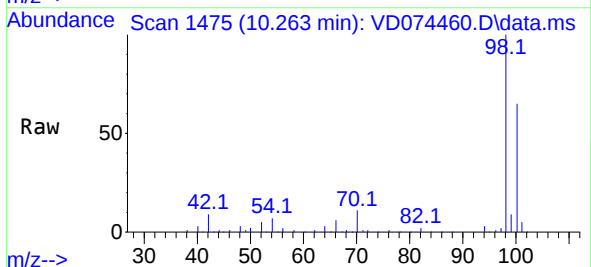
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

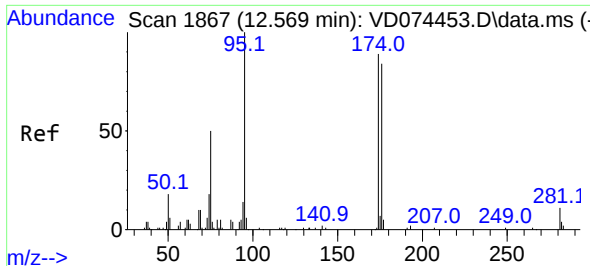
Tgt Ion: 98 Resp: 221634
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.137 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 252.4 37.8 56.6#

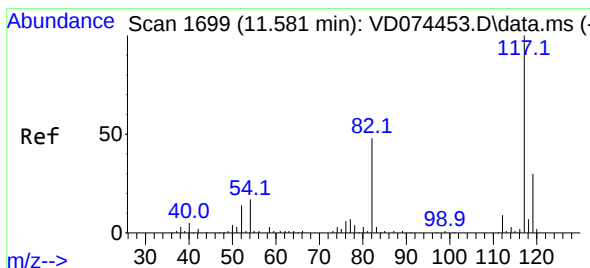
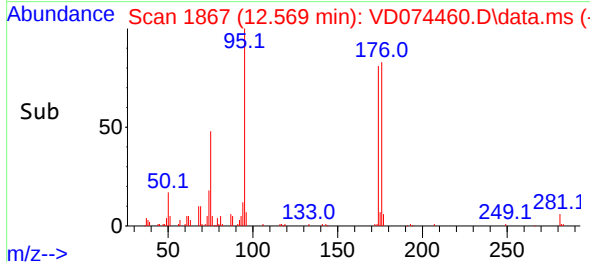
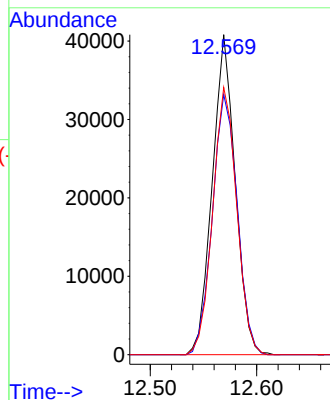
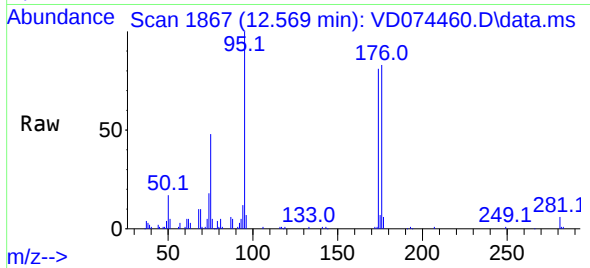




#62
4-Bromofluorobenzene
Concen: 43.314 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

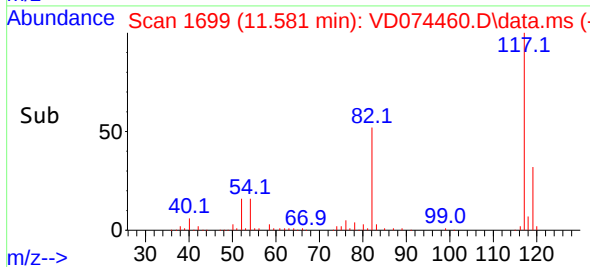
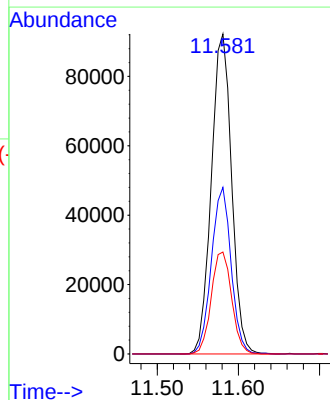
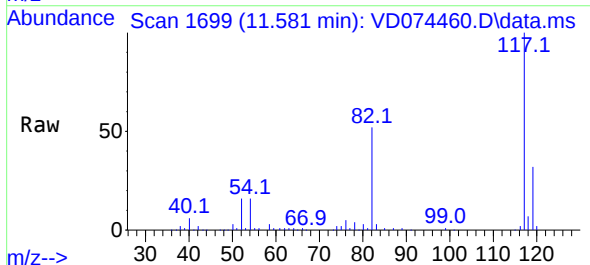
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

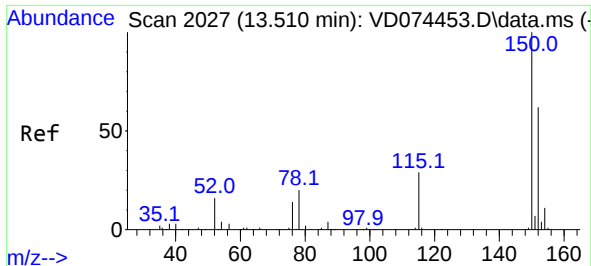
Tgt Ion:	95	Resp:	61089
Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	197.0
176	87.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

Tgt Ion:	117	Resp:	159815
Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.6	62.4
119	31.9	25.2	37.8

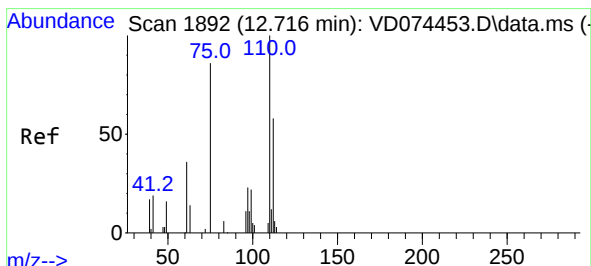
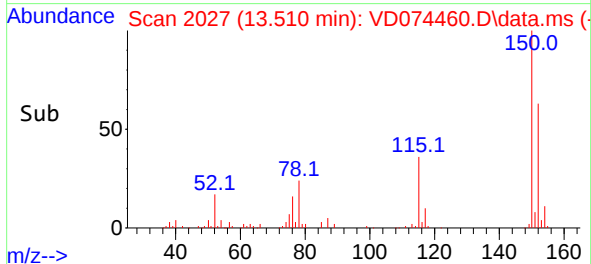
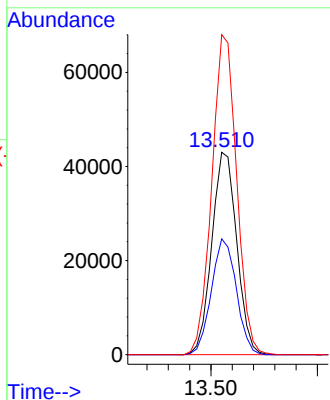
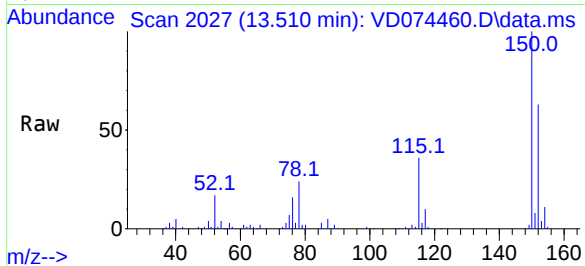




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

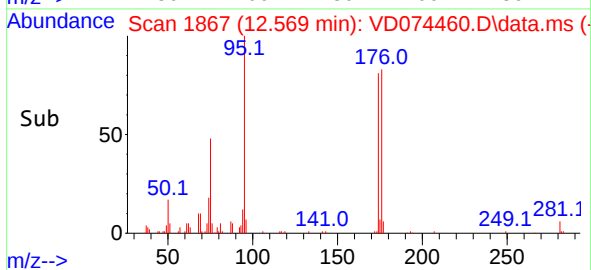
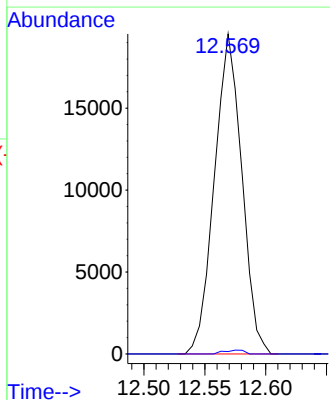
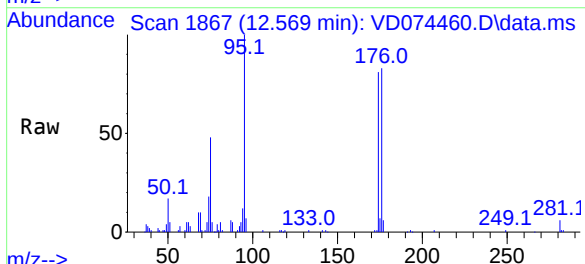
Instrument :
MSVOA_D
ClientSampleId :
VD1006SBL01

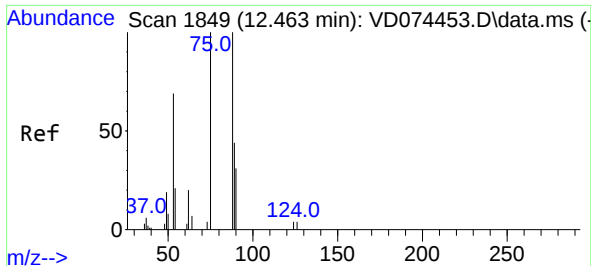
Tgt Ion:152 Resp: 70000
Ion Ratio Lower Upper
152 100
115 57.3 26.8 80.4
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.863 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074460.D
Acq: 06 Oct 2022 12:26

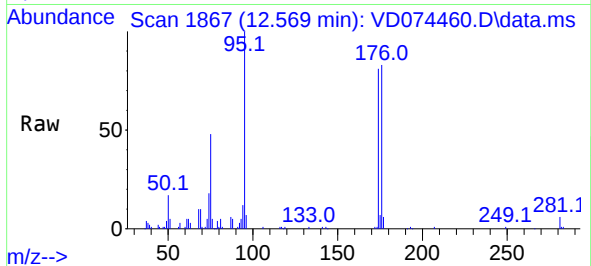
Tgt Ion: 75 Resp: 30555
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.868 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074460.D
 Acq: 06 Oct 2022 12:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBL01



Tgt Ion: 75 Resp: 30555
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

