

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074596.D
 Acq On : 20 Oct 2022 14:34
 Operator : VA/SY
 Sample : N5142-10RE
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9

Quant Time: Oct 20 14:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

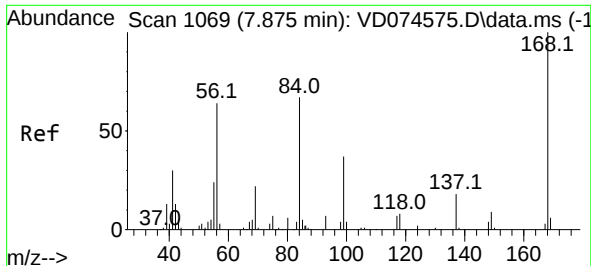
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	102240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	178637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	131278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48517	62.155	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.300%			
35) Dibromofluoromethane	7.804	113	62836	63.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.580%			
50) Toluene-d8	10.269	98	206236	57.681	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.360%			
62) 4-Bromofluorobenzene	12.575	95	47140	45.661	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.320%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	57	3.976	ug/l #	43
16) Acetone	4.016	43	1950	11.440	ug/l #	79
20) Methylene Chloride	4.805	84	5007	Below Cal	#	90
31) Cyclohexane	7.881	56	1630	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	6757	4.211	ug/l #	46
38) Carbon Tetrachloride	7.881	117	9682	6.161	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	597	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	23541	64.990	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	23541	166.081	ug/l #	17

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

Quant Time: Oct 20 14:57:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

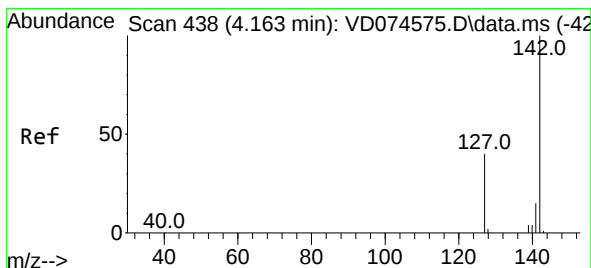
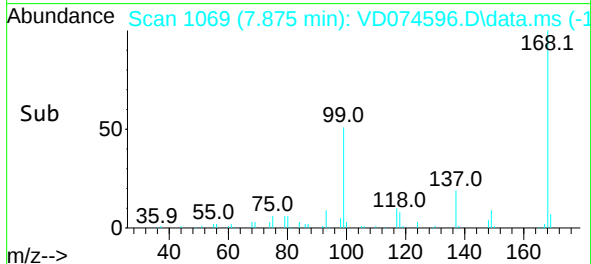
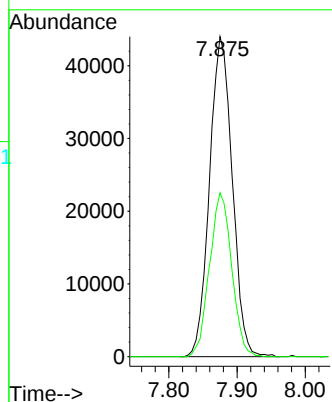
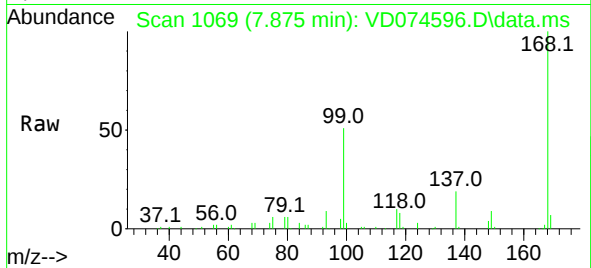




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

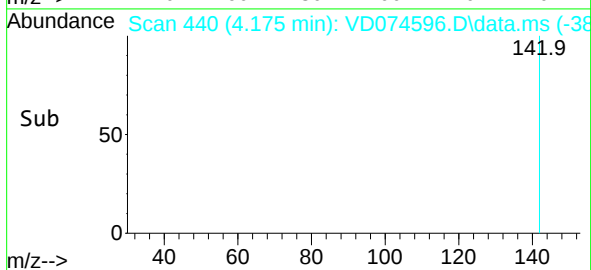
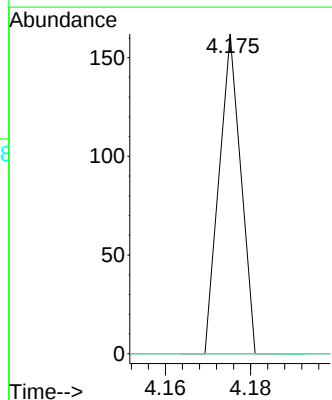
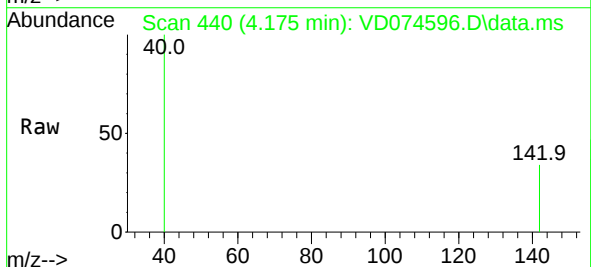
Instrument :
MSVOA_D
ClientSampleId :
WC-9

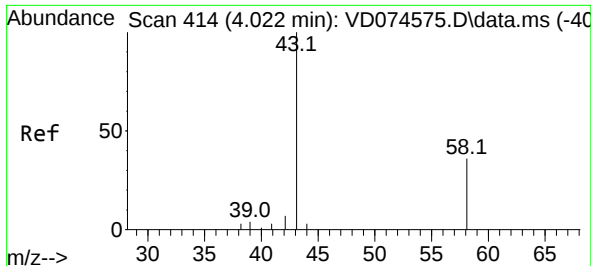
Tgt Ion:168 Resp: 102240
Ion Ratio Lower Upper
168 100
99 51.2 40.9 61.3



#10
Methyl Iodide
Concen: 3.976 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 11.440 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

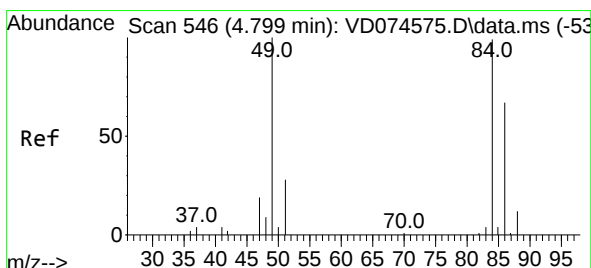
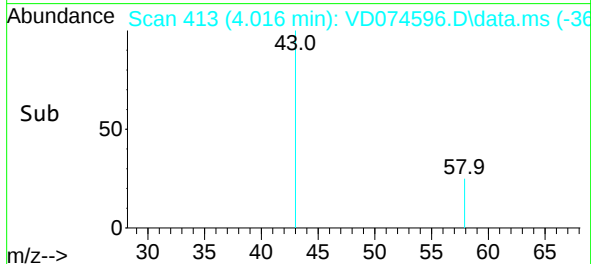
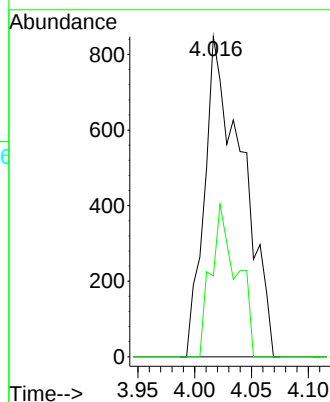
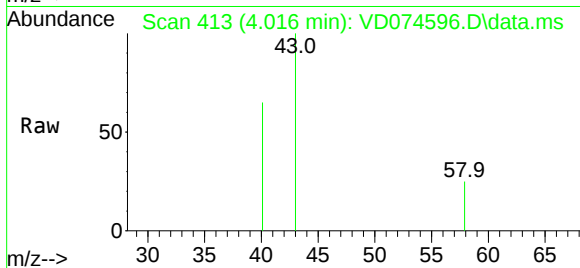
WC-9

Tgt Ion: 43 Resp: 1950

Ion Ratio Lower Upper

43 100

58 25.3 30.2 45.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

Tgt Ion: 84 Resp: 5007

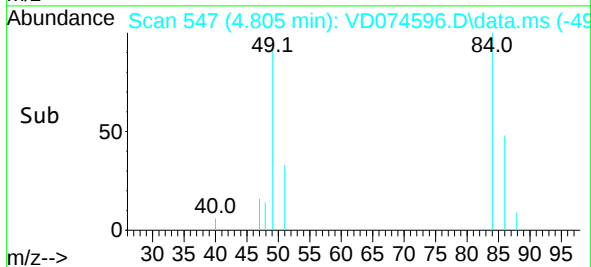
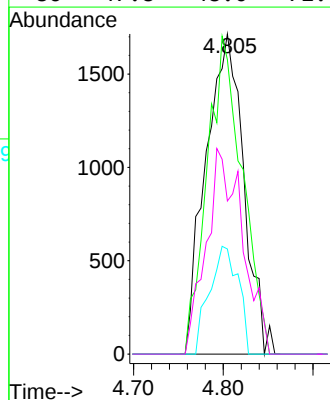
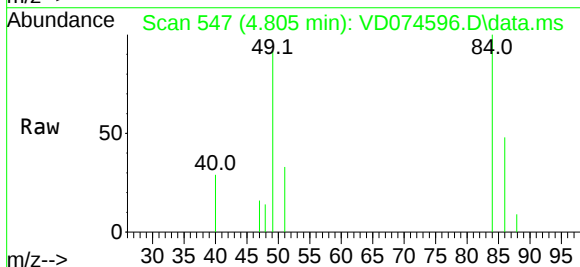
Ion Ratio Lower Upper

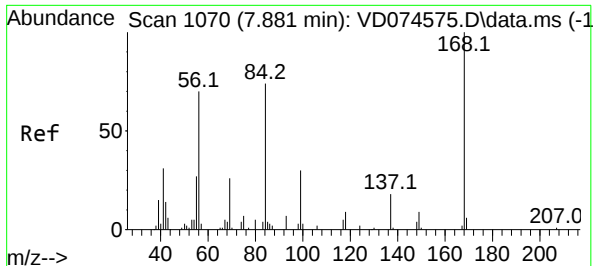
84 100

49 92.0 68.0 102.0

51 32.8 23.2 34.8

86 47.8 48.0 72.0#

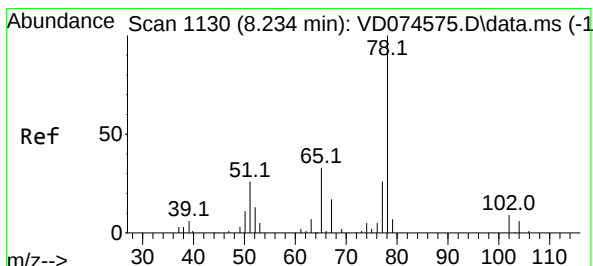
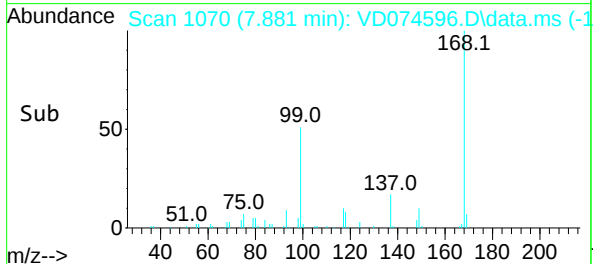
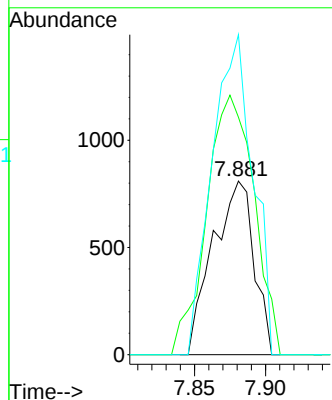
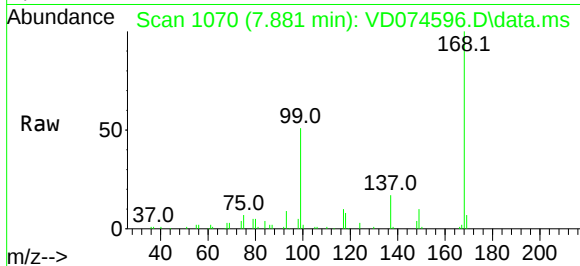




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

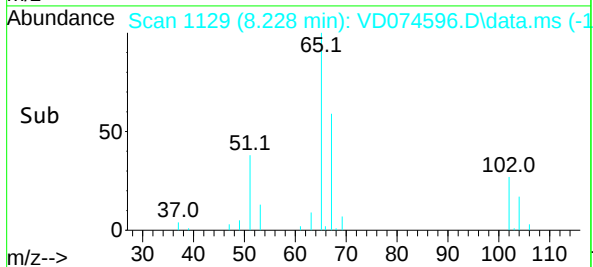
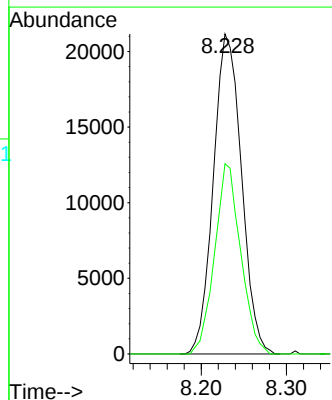
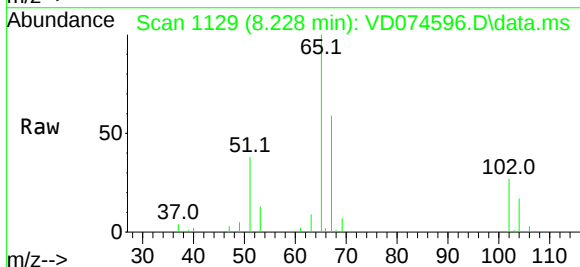
Instrument :
MSVOA_D
ClientSampleId :
WC-9

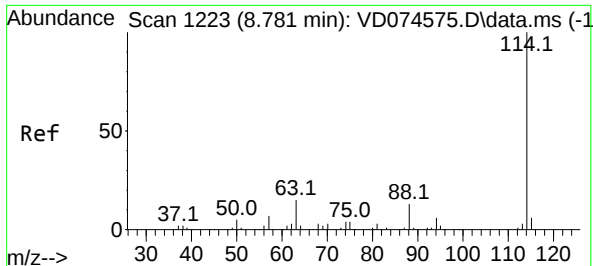
Tgt Ion: 56 Resp: 1630
Ion Ratio Lower Upper
56 100
69 136.8 29.2 43.8#
84 184.3 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 62.155 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion: 65 Resp: 48517
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

WC-9

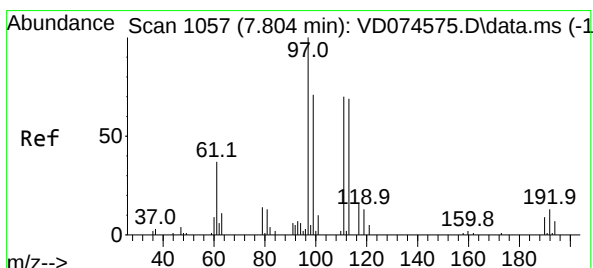
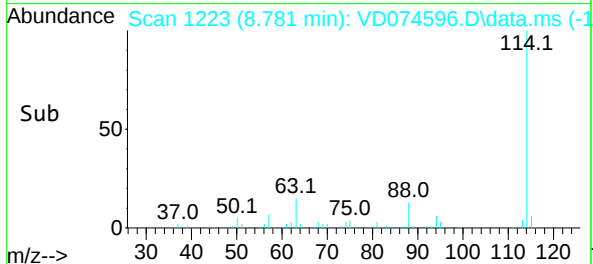
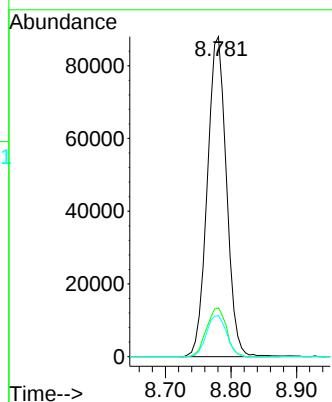
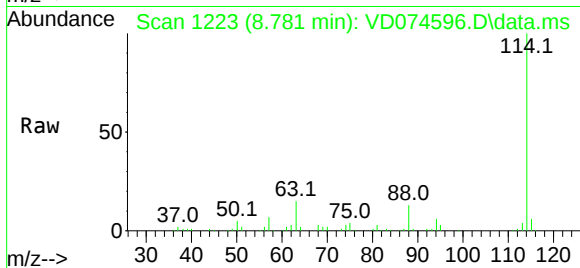
Tgt Ion:114 Resp: 178637

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.793 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

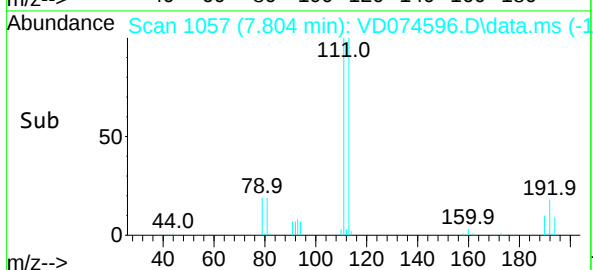
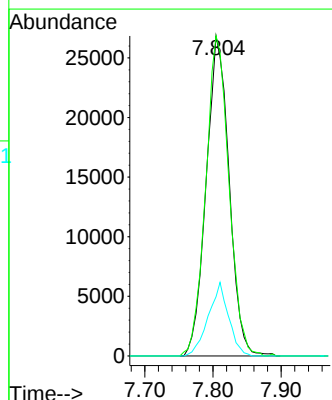
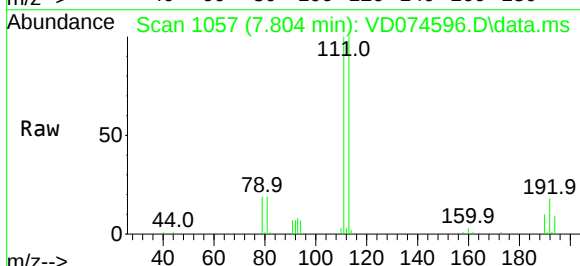
Tgt Ion:113 Resp: 62836

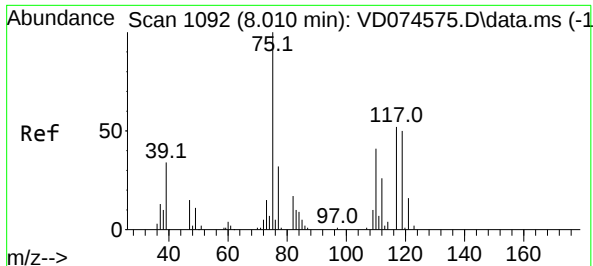
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 20.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.211 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.123 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

Instrument :

MSVOA_D

ClientSampleId :

WC-9

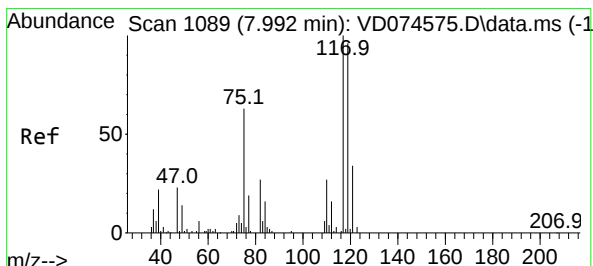
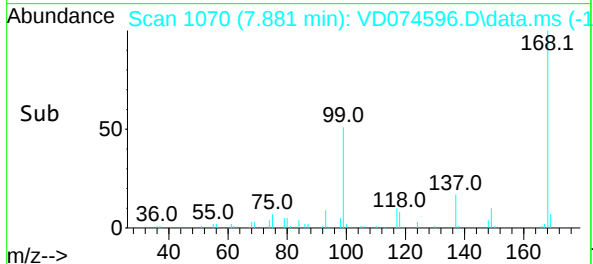
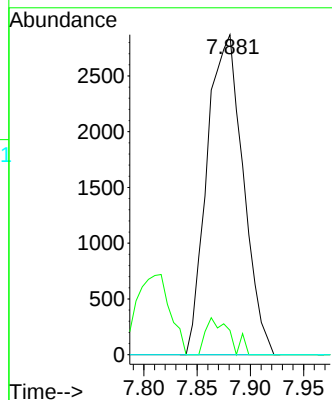
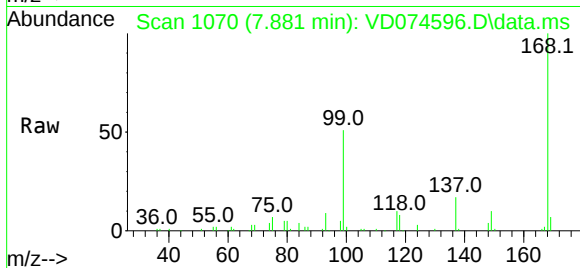
Tgt Ion: 75 Resp: 6757

Ion Ratio Lower Upper

75 100

110 7.6 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.161 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD074596.D

Acq: 20 Oct 2022 14:34

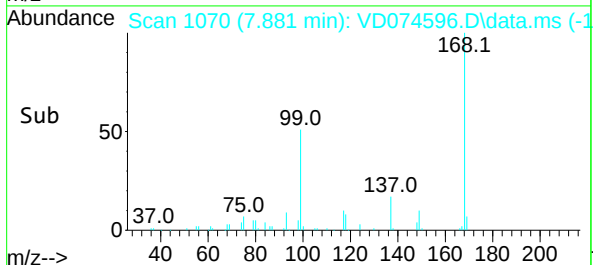
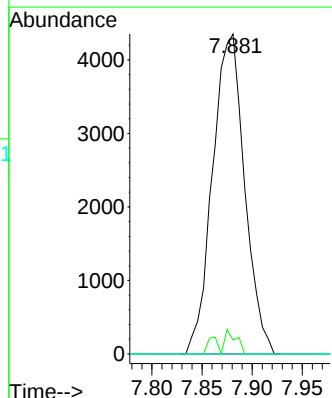
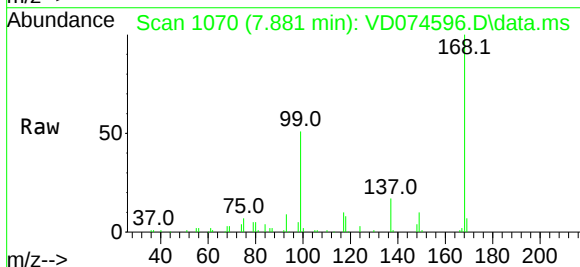
Tgt Ion: 117 Resp: 9682

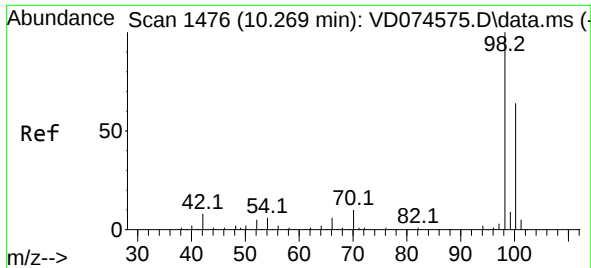
Ion Ratio Lower Upper

117 100

119 4.4 73.1 109.7#

121 0.0 25.0 37.6#

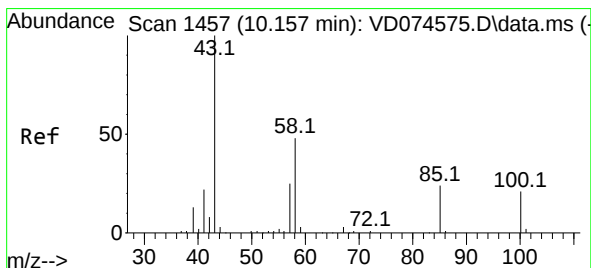
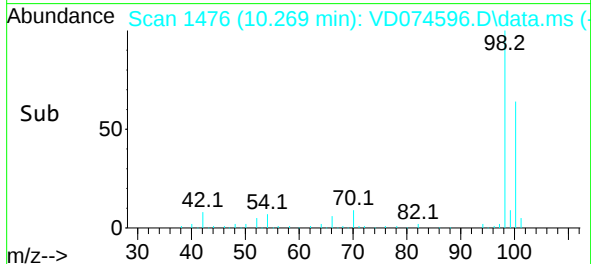
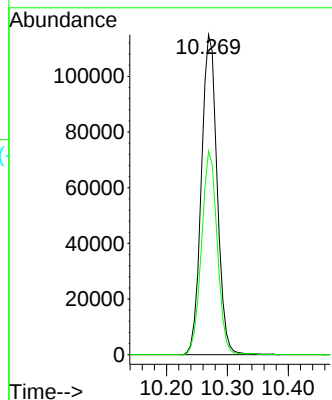
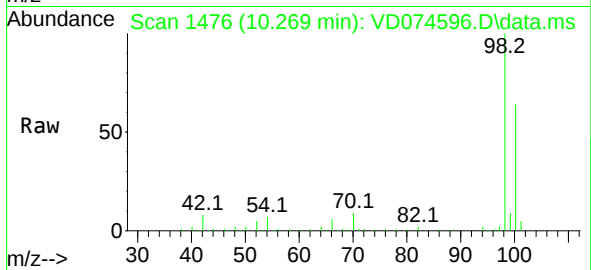




#50
Toluene-d8
Concen: 57.681 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

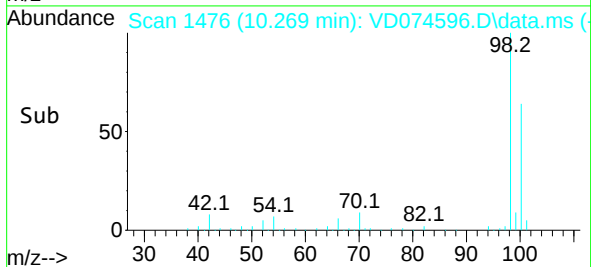
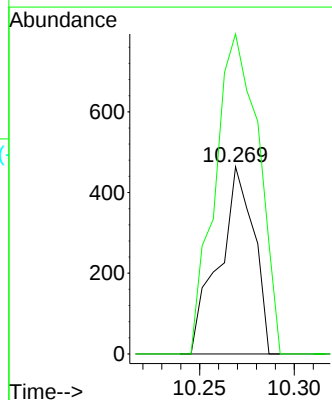
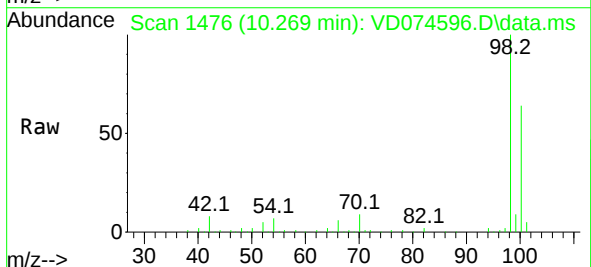
Instrument :
MSVOA_D
ClientSampleId :
WC-9

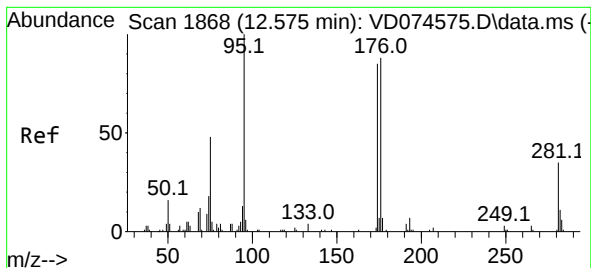
Tgt Ion: 98 Resp: 206236
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.276 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
58 212.6 37.8 56.6#

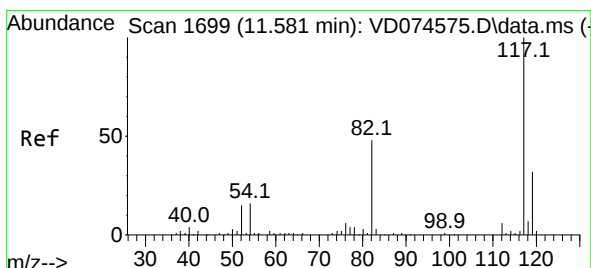
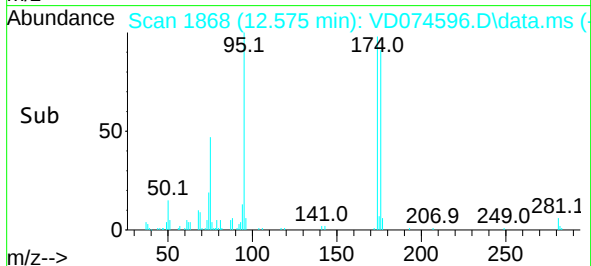
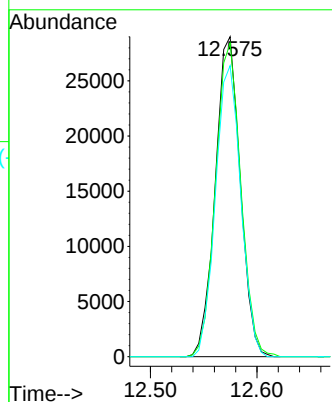
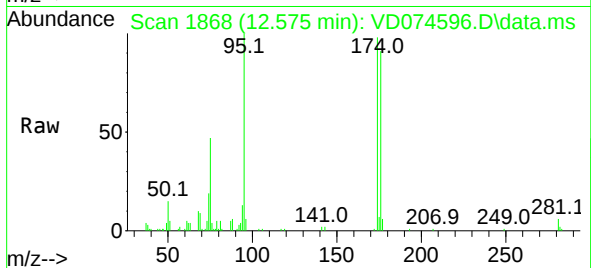




#62
4-Bromofluorobenzene
Concen: 45.661 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

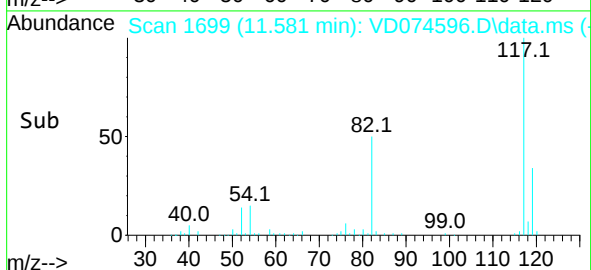
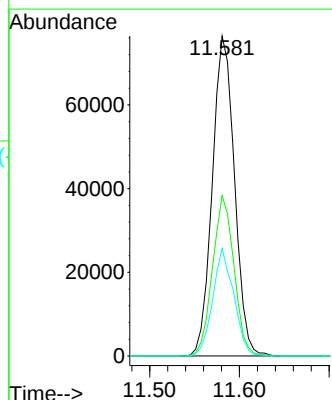
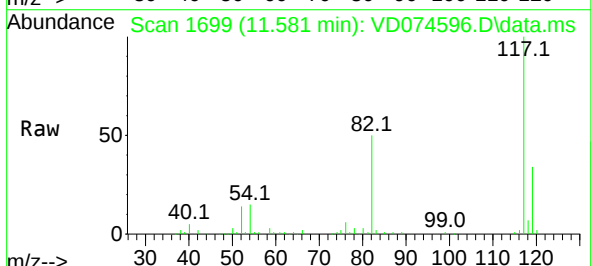
Instrument :
MSVOA_D
ClientSampleId :
WC-9

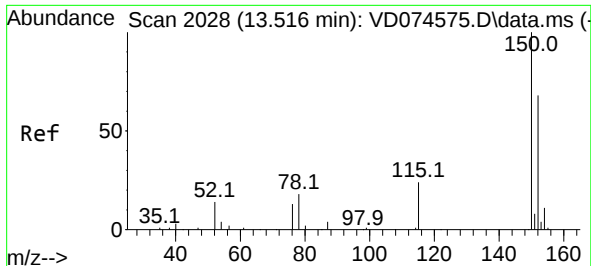
Tgt Ion: 95 Resp: 47140
Ion Ratio Lower Upper
95 100
174 99.5 0.0 197.0
176 92.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074596.D
Acq: 20 Oct 2022 14:34

Tgt Ion: 117 Resp: 131278
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 33.6 25.2 37.8

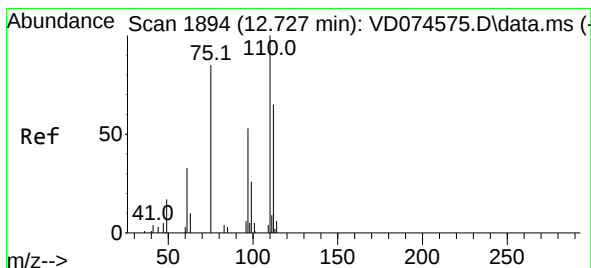
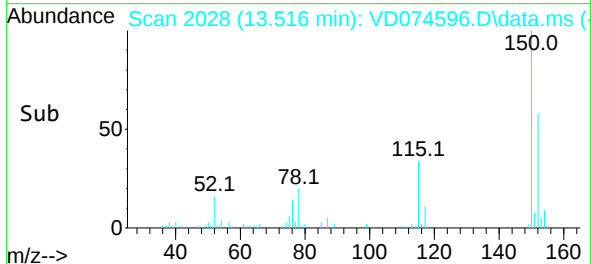
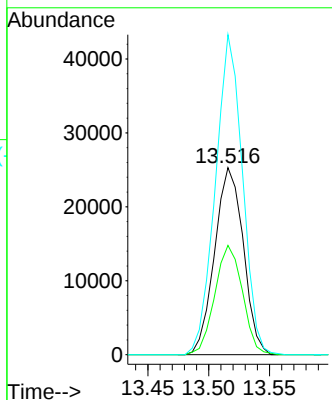
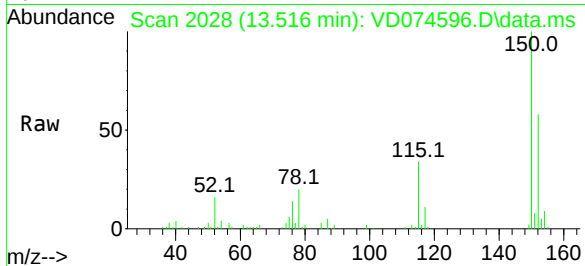




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD074596.D
 Acq: 20 Oct 2022 14:34

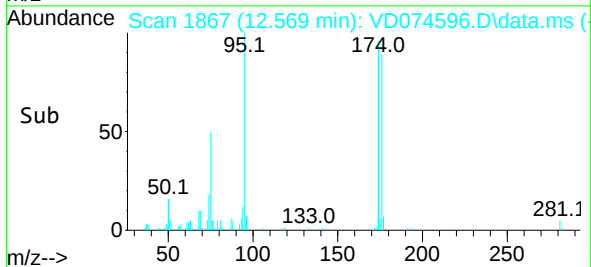
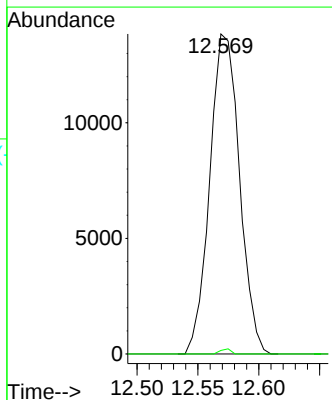
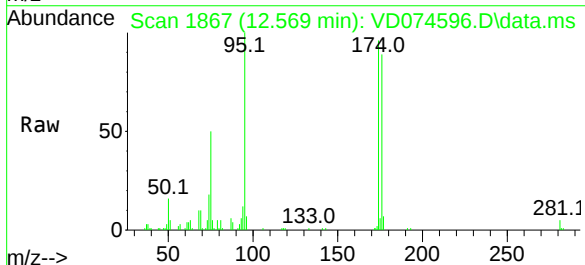
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9

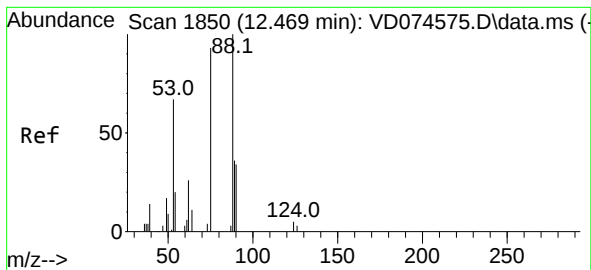
Tgt Ion:152 Resp: 41484
 Ion Ratio Lower Upper
 152 100
 115 56.2 26.8 80.4
 150 161.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 64.990 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.147 min
 Lab File: VD074596.D
 Acq: 20 Oct 2022 14:34

Tgt Ion: 75 Resp: 23541
 Ion Ratio Lower Upper
 75 100
 77 0.6 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.081 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074596.D
 Acq: 20 Oct 2022 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-9

Tgt Ion: 75 Resp: 23541
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

