

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071466.D
 Acq On : 25 Dec 2021 19:04
 Operator : VA/SY
 Sample : M5184-05RE
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5RE

Quant Time: Dec 27 00:51:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

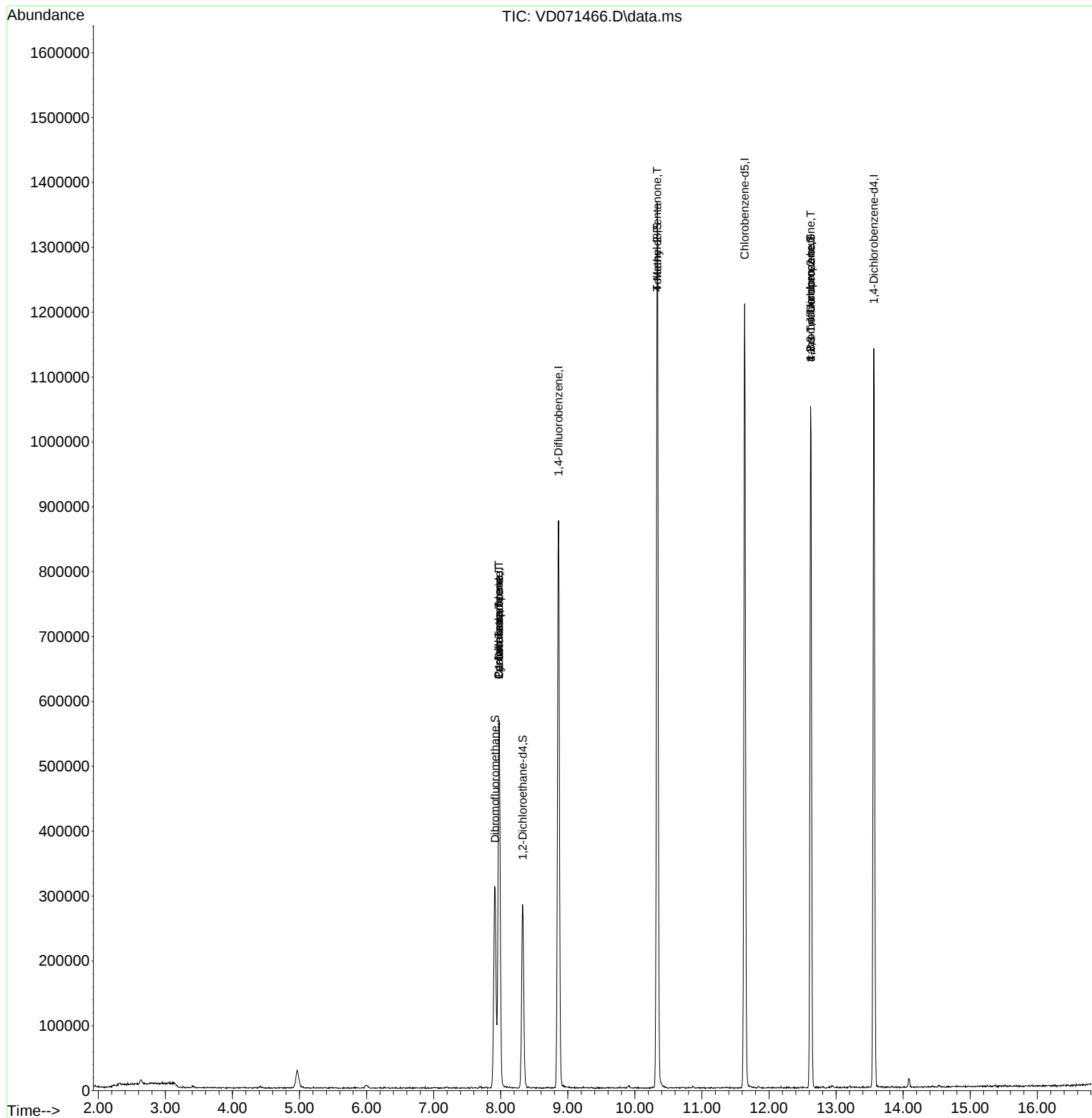
Internal Standards						
1) Pentafluorobenzene	7.973	168	395136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	701439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	633438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	271852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223555	42.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.200%		
35) Dibromofluoromethane	7.914	113	219105	46.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.960%		
50) Toluene-d8	10.332	98	891852	50.061	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.120%		
62) 4-Bromofluorobenzene	12.620	95	281446	44.458	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.920%		
Target Compounds						
11) Tert butyl alcohol	5.209	59	144	Below Cal	#	71
20) Methylene Chloride	4.979	84	18882	Below Cal	#	93
31) Cyclohexane	7.973	56	11645	1.306	ug/l #	21
36) 1,1-Dichloropropene	7.973	75	36585	4.858	ug/l #	49
38) Carbon Tetrachloride	7.973	117	44023	5.925	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	5372	1.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	161394	49.966	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	161394	141.180	ug/l #	18

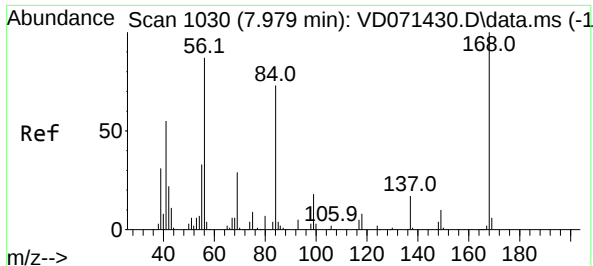
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
Data File : VD071466.D
Acq On : 25 Dec 2021 19:04
Operator : VA/SY
Sample : M5184-05RE
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-5RE

Quant Time: Dec 27 00:51:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

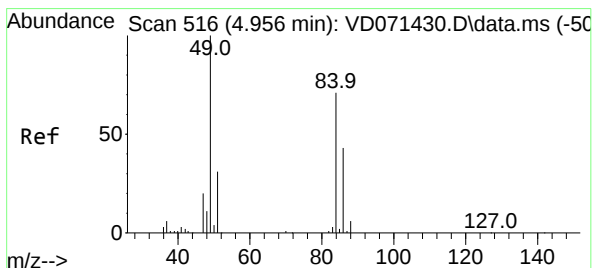
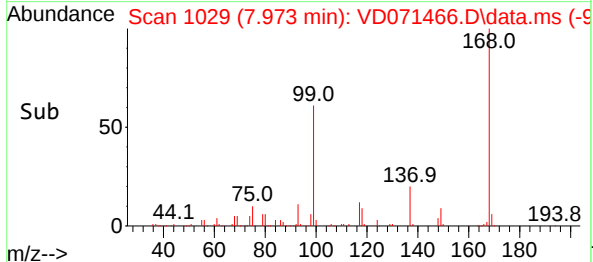
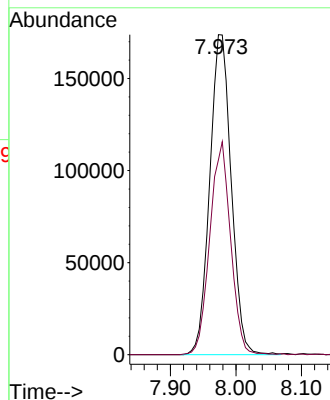
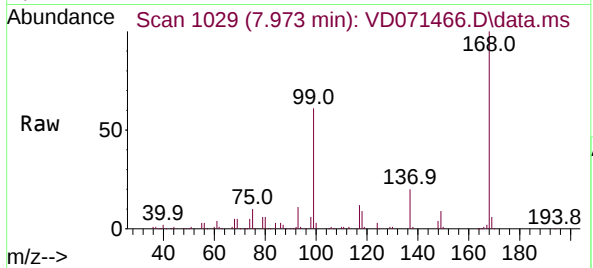




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

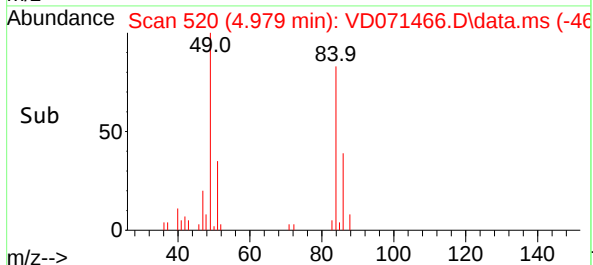
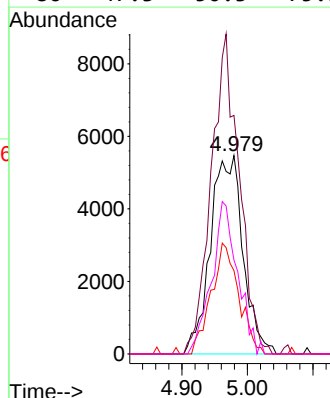
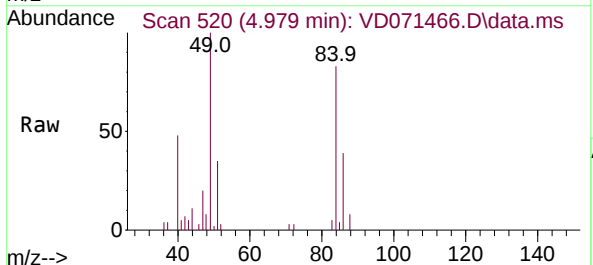
Instrument :
MSVOA_D
ClientSampleId :
SB-5RE

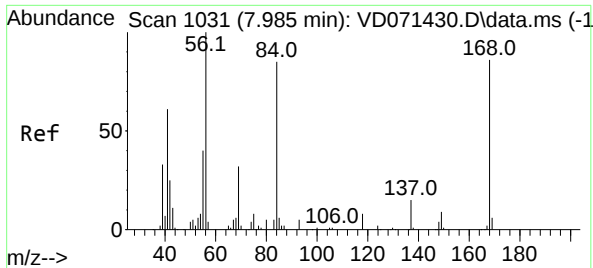
Tgt Ion:168 Resp: 395136
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.018 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

Tgt Ion: 84 Resp: 18882
Ion Ratio Lower Upper
84 100
49 120.2 95.8 143.6
51 42.0 30.9 46.3
86 47.3 50.3 75.5#

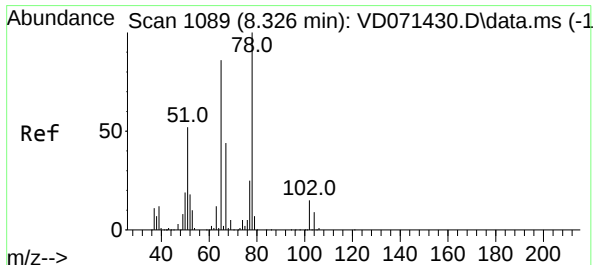
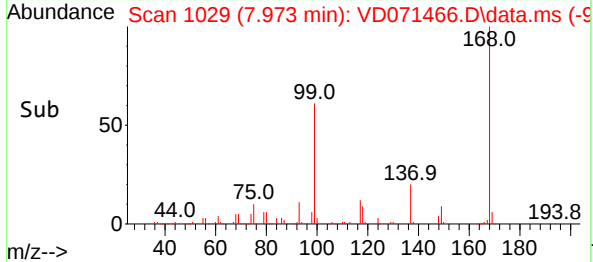
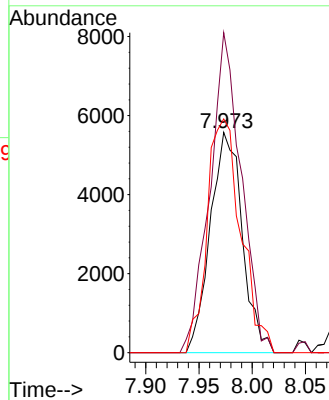
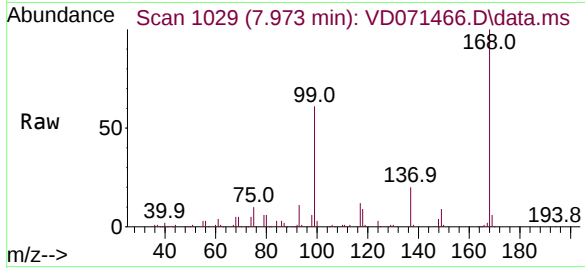




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

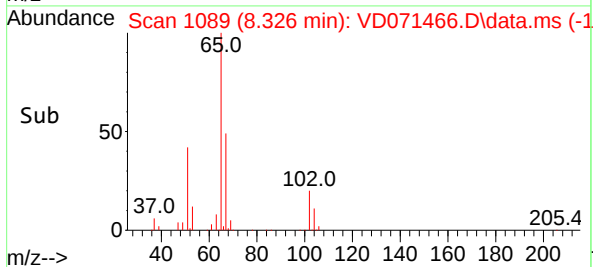
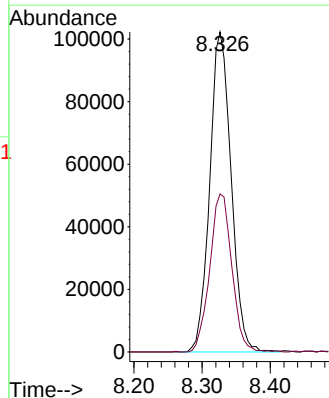
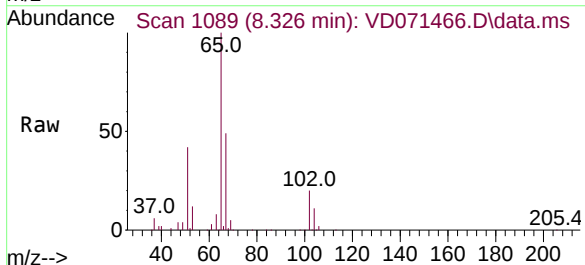
Instrument :
MSVOA_D
ClientSampleId :
SB-5RE

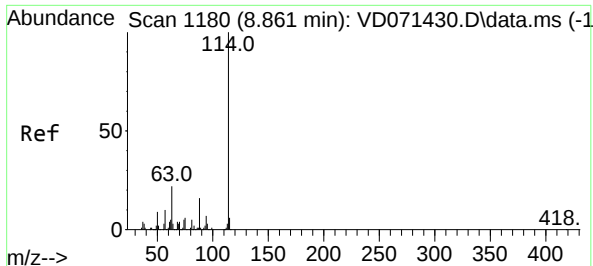
Tgt Ion: 56 Resp: 11645
Ion Ratio Lower Upper
56 100
69 145.2 25.9 38.9#
84 106.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 42.600 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

Tgt Ion: 65 Resp: 223555
Ion Ratio Lower Upper
65 100
67 51.0 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071466.D

Acq: 25 Dec 2021 19:04

Instrument :

MSVOA_D

ClientSampleId :

SB-5RE

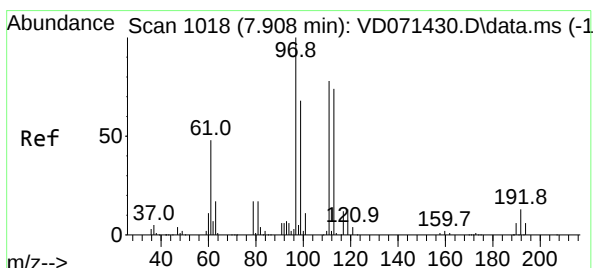
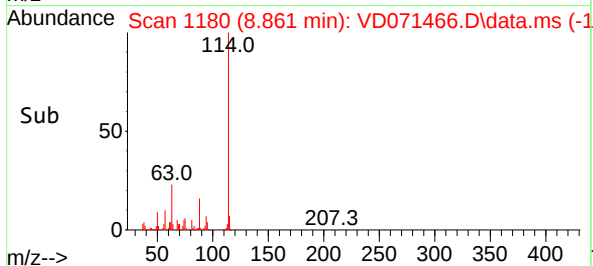
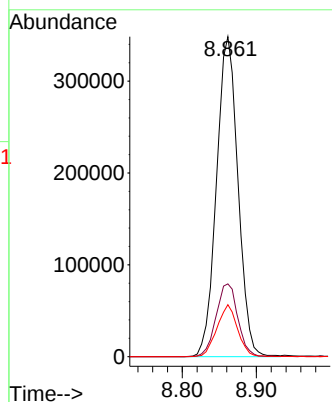
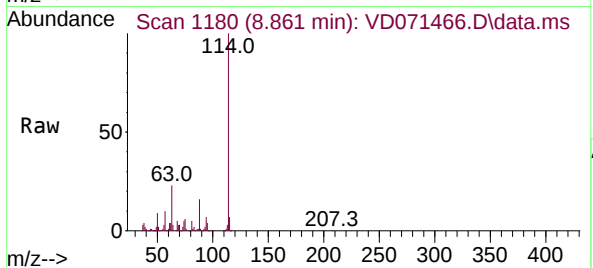
Tgt Ion:114 Resp: 701439

Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.478 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071466.D

Acq: 25 Dec 2021 19:04

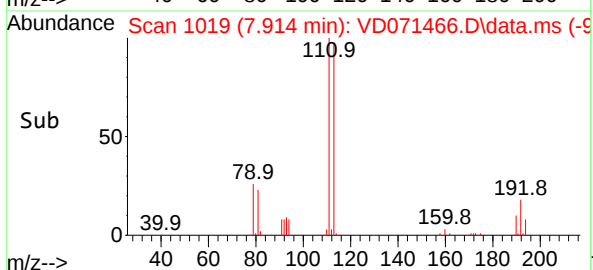
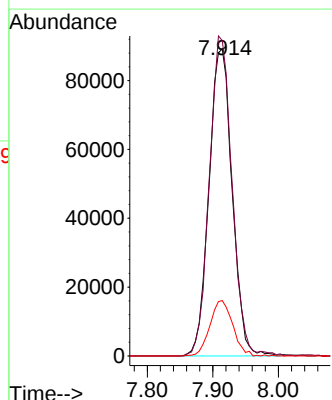
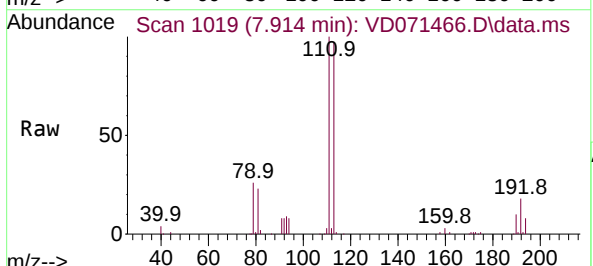
Tgt Ion:113 Resp: 219105

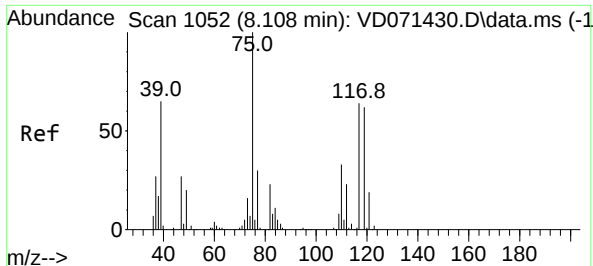
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 17.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.858 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071466.D

Acq: 25 Dec 2021 19:04

Instrument :

MSVOA_D

ClientSampleId :

SB-5RE

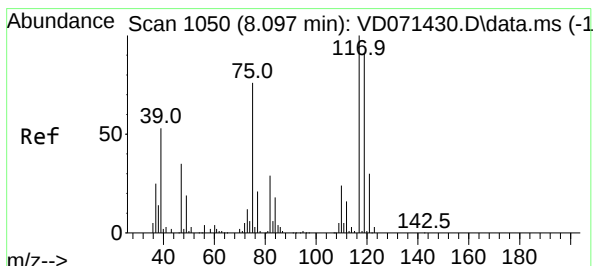
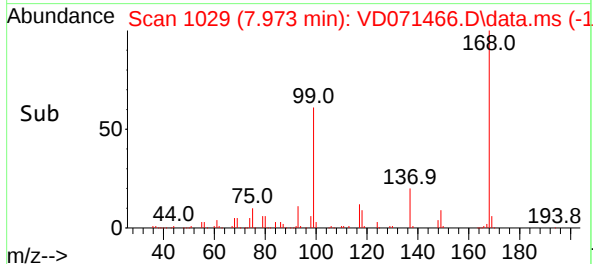
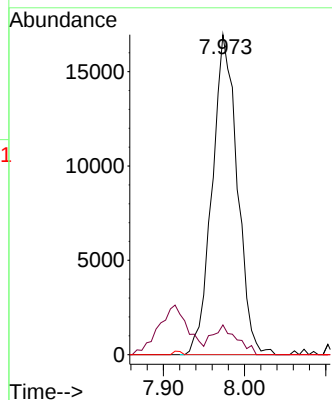
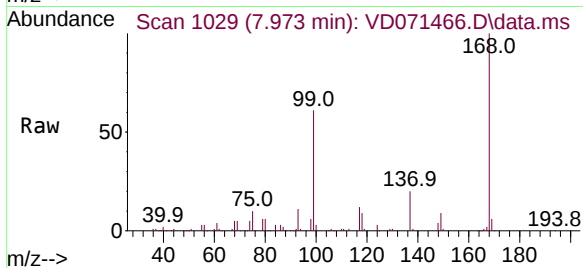
Tgt Ion: 75 Resp: 36585

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.4#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.925 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071466.D

Acq: 25 Dec 2021 19:04

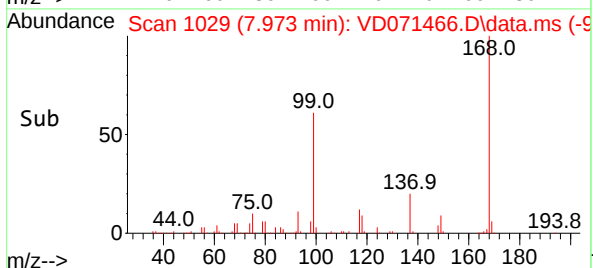
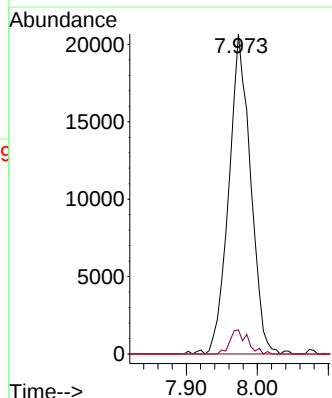
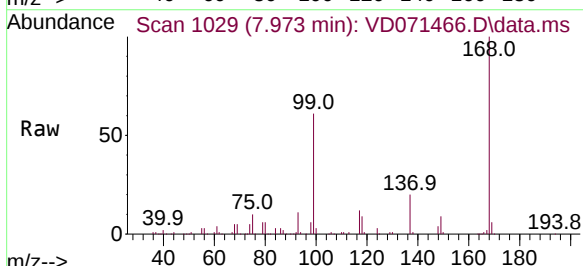
Tgt Ion: 117 Resp: 44023

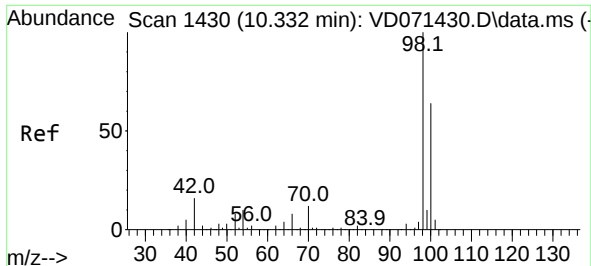
Ion Ratio Lower Upper

117 100

119 7.5 75.8 113.6#

121 0.0 23.6 35.4#

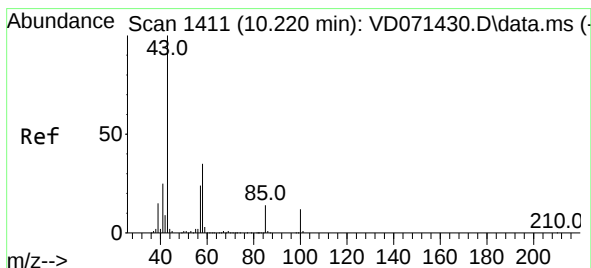
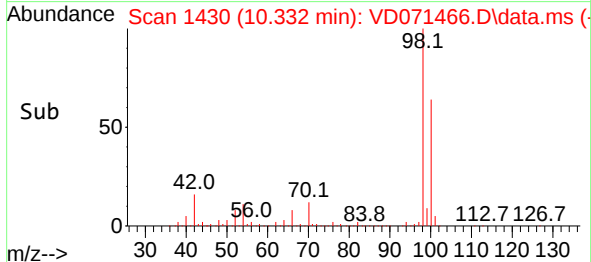
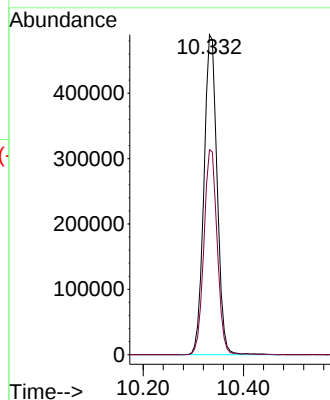
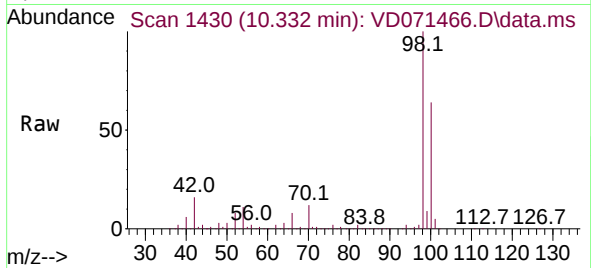




#50
Toluene-d8
Concen: 50.061 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

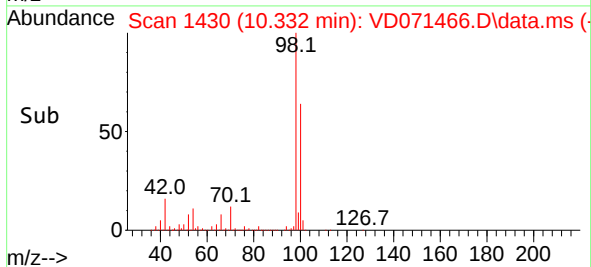
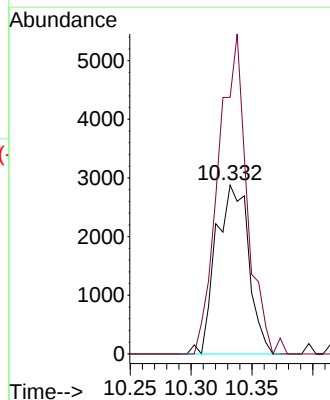
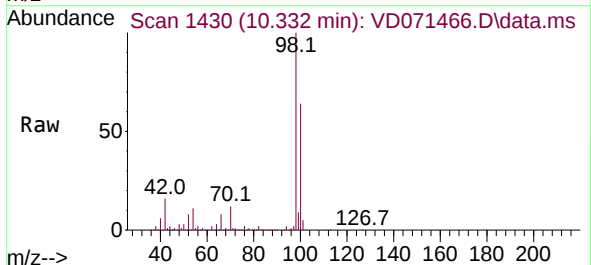
Instrument :
MSVOA_D
ClientSampleId :
SB-5RE

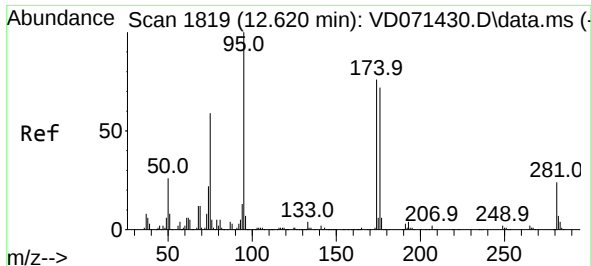
Tgt Ion: 98 Resp: 891852
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.480 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

Tgt Ion: 43 Resp: 5372
Ion Ratio Lower Upper
43 100
58 166.4 33.1 49.7#

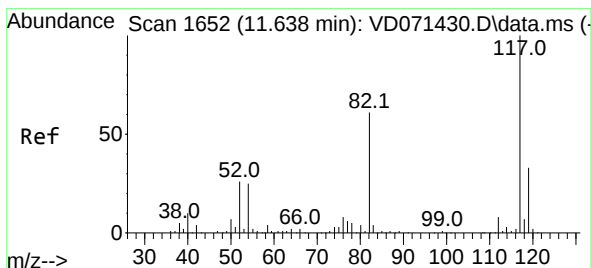
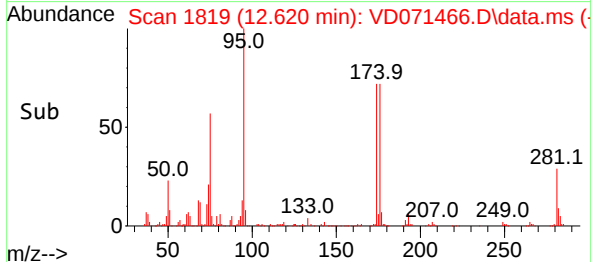
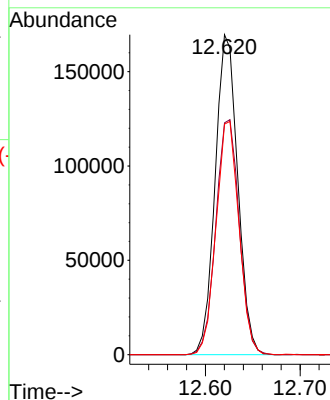
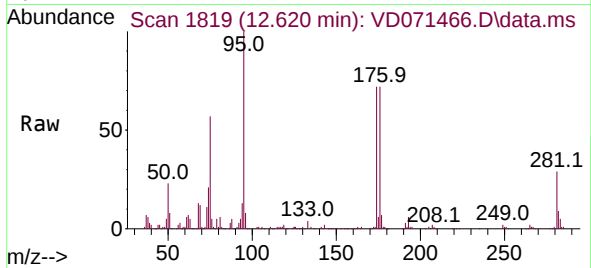




#62
4-Bromofluorobenzene
Concen: 44.458 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

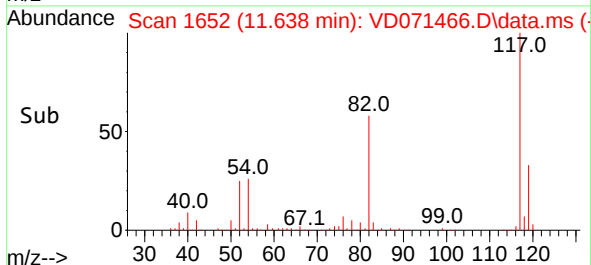
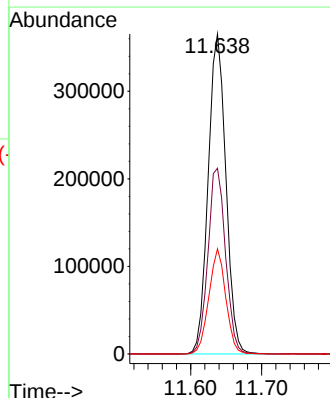
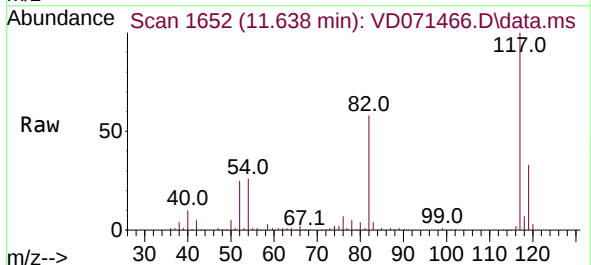
Instrument :
MSVOA_D
ClientSampleId :
SB-5RE

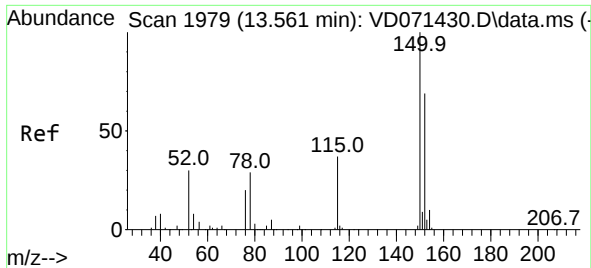
Tgt Ion: 95 Resp: 281446
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.9 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071466.D
Acq: 25 Dec 2021 19:04

Tgt Ion: 117 Resp: 633438
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 32.8 26.2 39.4

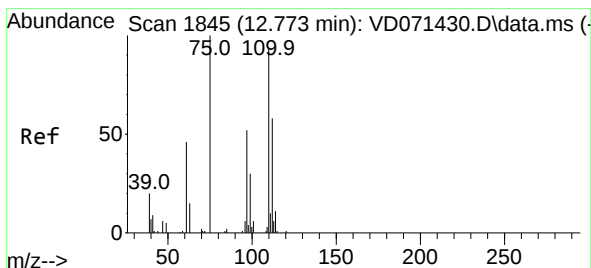
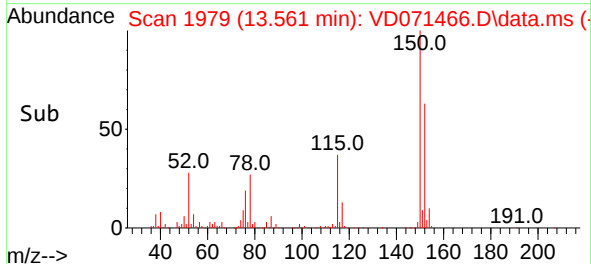
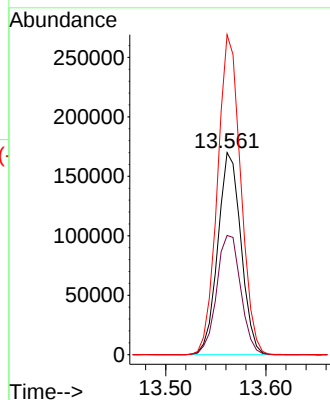
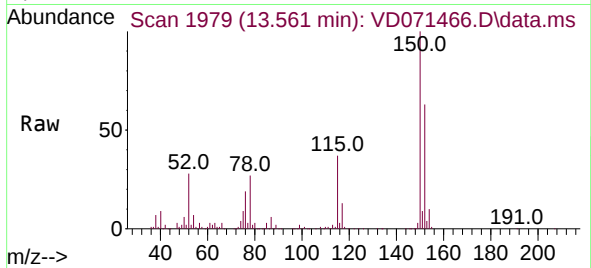




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD071466.D
 Acq: 25 Dec 2021 19:04

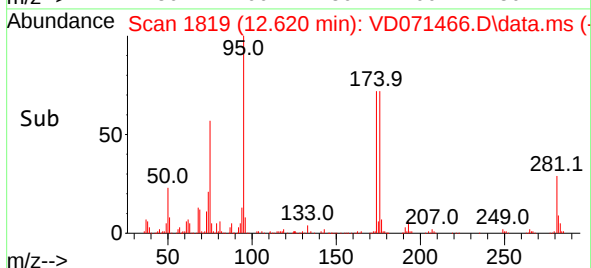
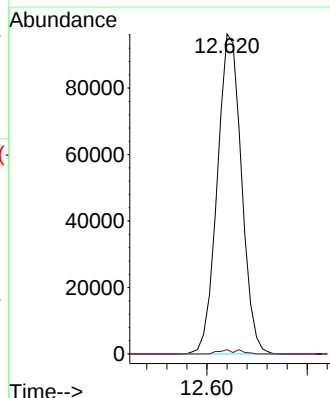
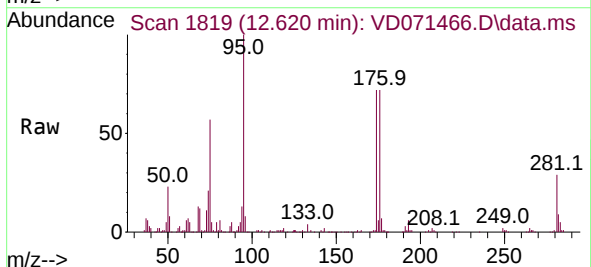
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5RE

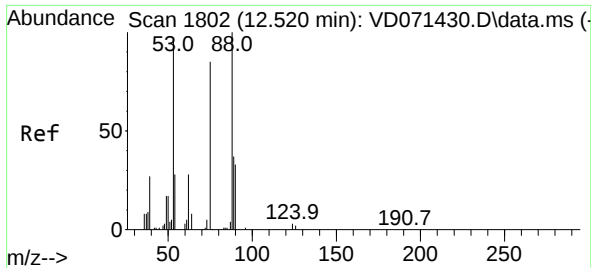
Tgt Ion:152 Resp: 271852
 Ion Ratio Lower Upper
 152 100
 115 61.6 29.8 89.3
 150 158.7 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 49.966 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071466.D
 Acq: 25 Dec 2021 19:04

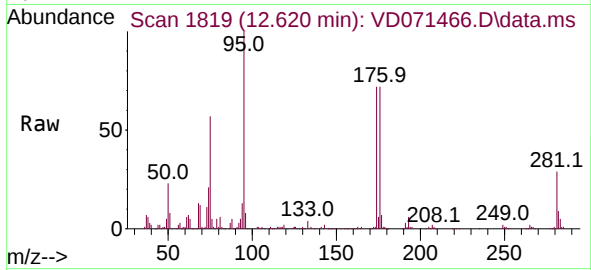
Tgt Ion: 75 Resp: 161394
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.180 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071466.D
 Acq: 25 Dec 2021 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5RE



Tgt Ion: 75 Resp: 161394
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.4 34.5 51.7#

