

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071447.D
 Acq On : 23 Dec 2021 17:13
 Operator : VA/SY
 Sample : M5044-16
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DA-16-4.5

Quant Time: Dec 24 03:31:52 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

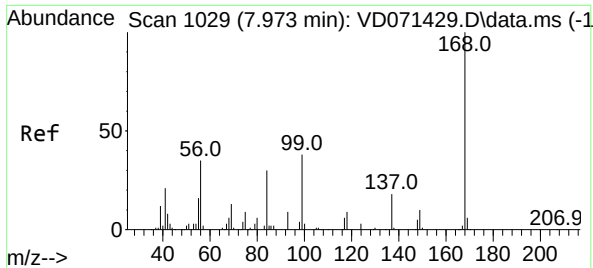
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	448675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	815575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	735744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	293222	49.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.420%		
35) Dibromofluoromethane	7.914	113	263388	48.052	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.100%		
50) Toluene-d8	10.338	98	1025710	49.518	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.040%		
62) 4-Bromofluorobenzene	12.626	95	332710	45.201	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.400%		
Target Compounds						
11) Tert butyl alcohol	5.226	59	215	Below Cal	#	71
16) Acetone	4.156	43	25569	17.083	ug/l	90
20) Methylene Chloride	4.967	84	15671	Below Cal		92
25) 2-Butanone	7.214	43	6286	3.516	ug/l	92
31) Cyclohexane	7.973	56	15361	1.518	ug/l	# 28
36) 1,1-Dichloropropene	7.979	75	39878	4.554	ug/l	# 50
37) Ethyl Acetate	7.214	43	6286	1.555	ug/l	# 68
38) Carbon Tetrachloride	7.979	117	48418	5.604	ug/l	# 16
59) 2-Hexanone	10.944	43	3699	1.240	ug/l	# 22
76) 1,2,3-Trichloropropane	12.620	75	185861	47.814	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.620	75	185861	135.100	ug/l	# 18

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

Quant Time: Dec 24 03:31:52 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

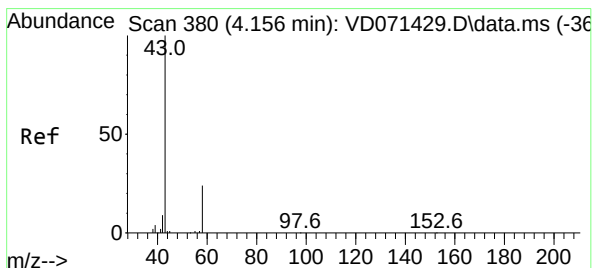
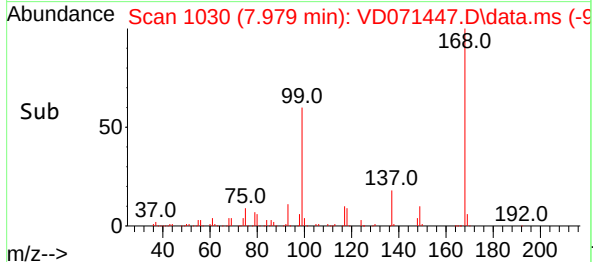
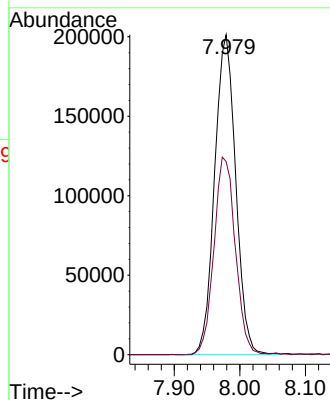
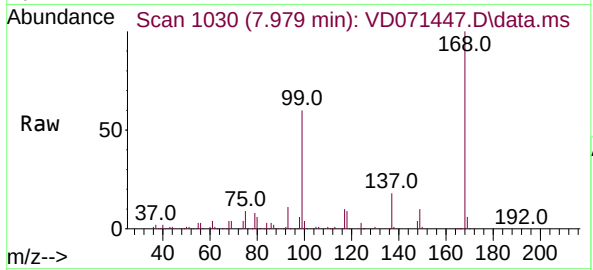




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

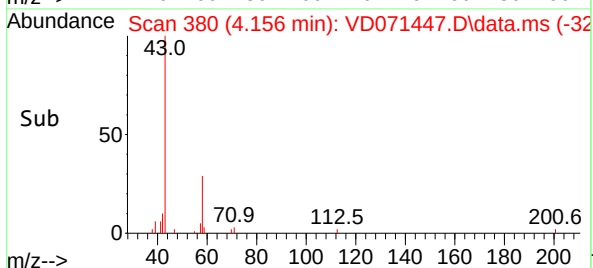
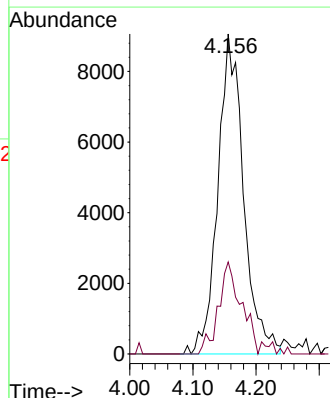
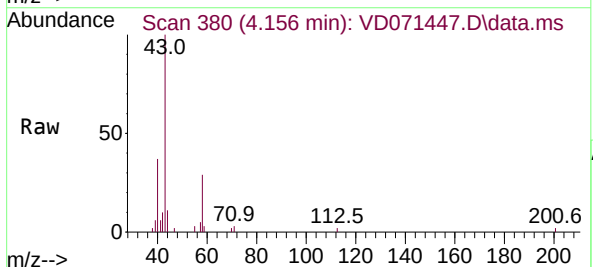
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

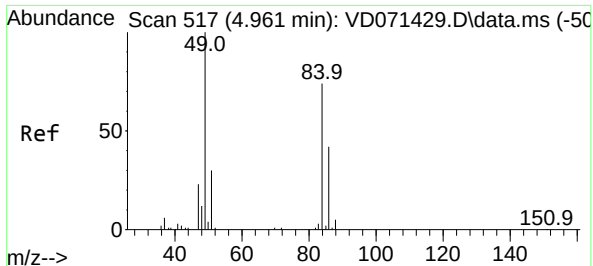
Tgt Ion:168 Resp: 448675
Ion Ratio Lower Upper
168 100
99 60.3 46.6 69.8



#16
Acetone
Concen: 17.083 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 43 Resp: 25569
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8



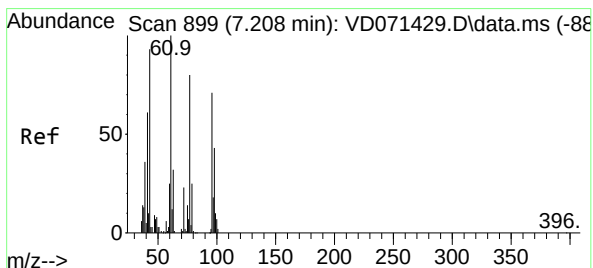
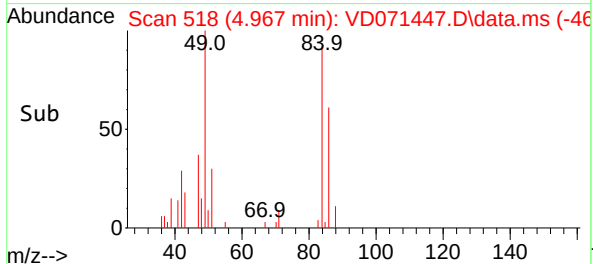
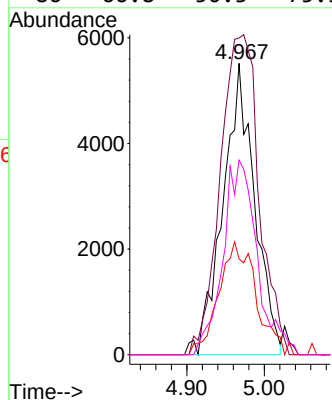
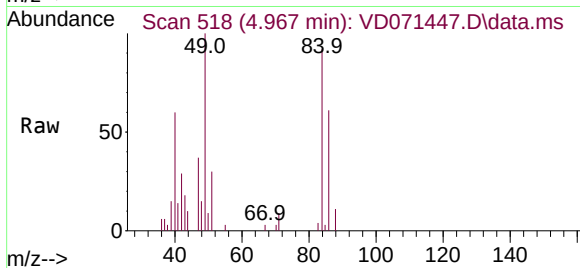


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

Tgt Ion: 84 Resp: 15671

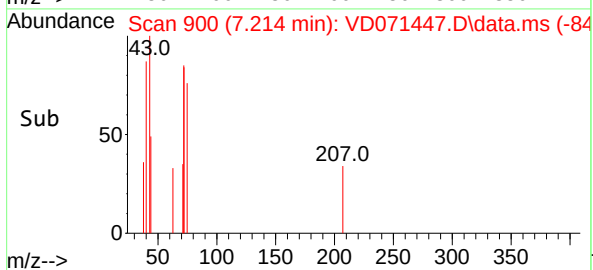
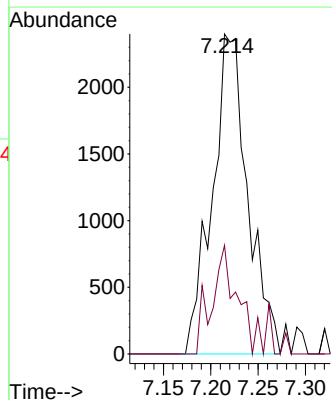
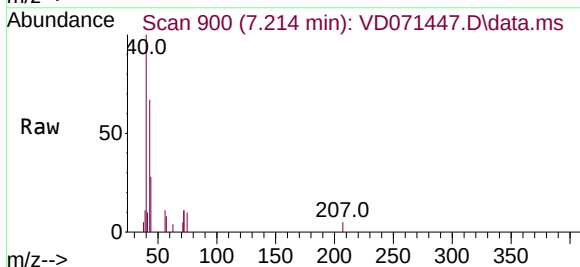
Ion	Ratio	Lower	Upper
84	100		
49	108.7	95.8	143.6
51	32.8	30.9	46.3
86	66.8	50.3	75.5

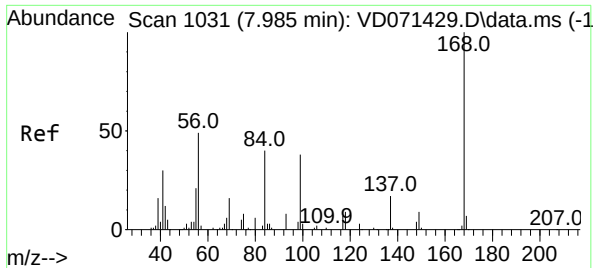


#25
2-Butanone
Concen: 3.516 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 43 Resp: 6286

Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.8	35.6

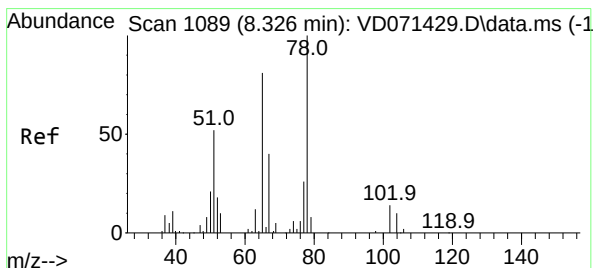
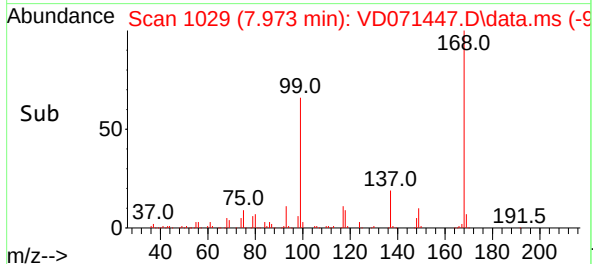
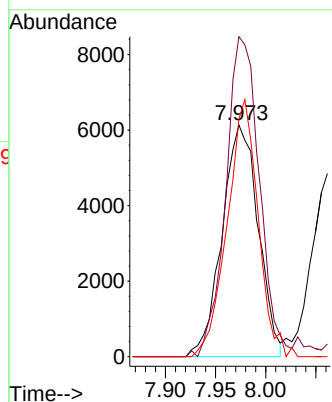
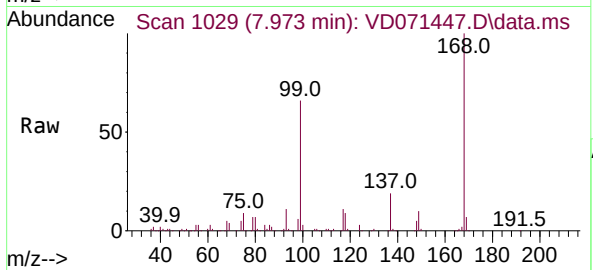




#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

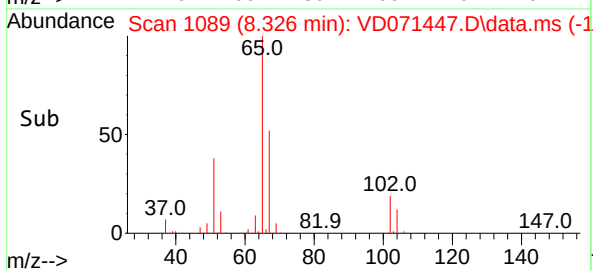
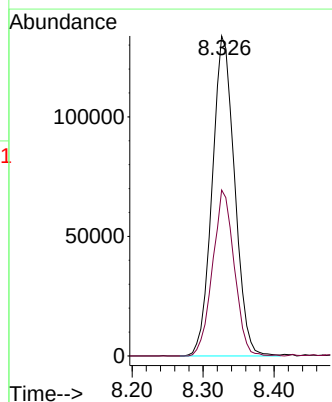
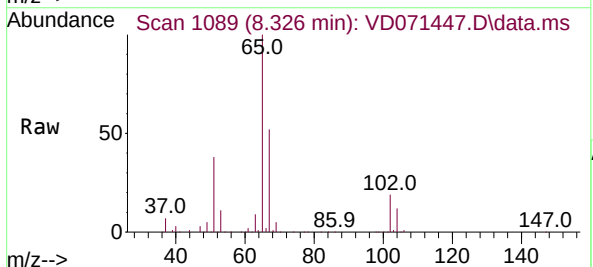
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

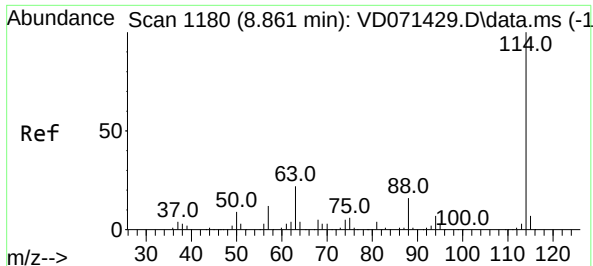
Tgt Ion: 56 Resp: 15361
Ion Ratio Lower Upper
56 100
69 138.1 25.9 38.9#
84 102.4 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 49.208 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 65 Resp: 293222
Ion Ratio Lower Upper
65 100
67 50.1 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: VD071447.D

Acq: 23 Dec 2021 17:13

Instrument :

MSVOA_D

ClientSampleId :

DA-16-4.5

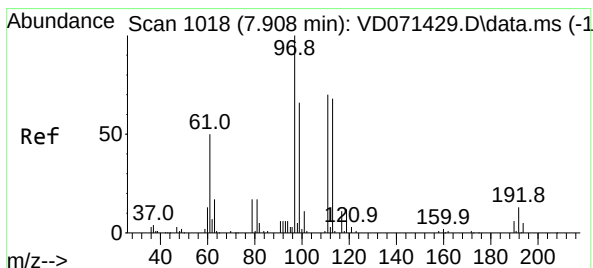
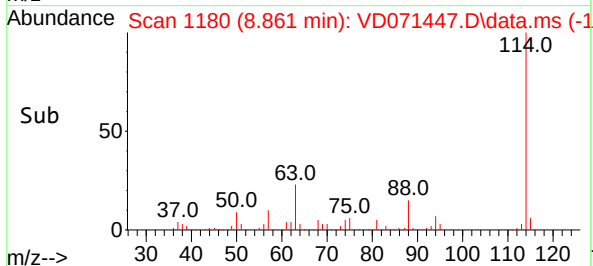
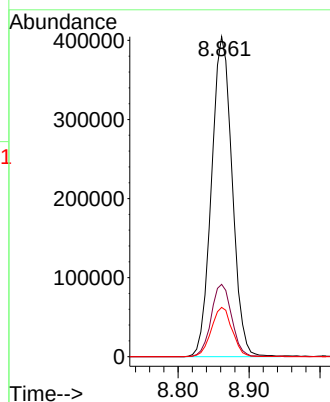
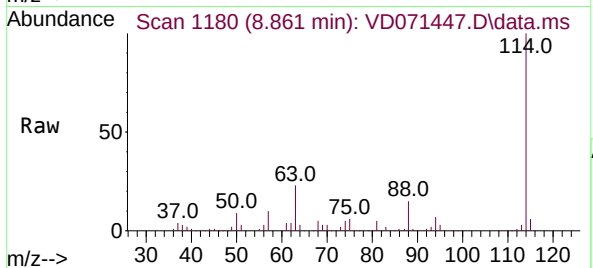
Tgt Ion:114 Resp: 815575

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071447.D

Acq: 23 Dec 2021 17:13

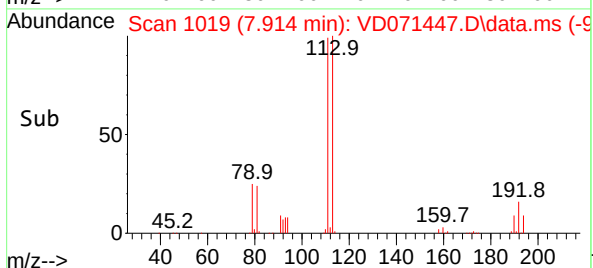
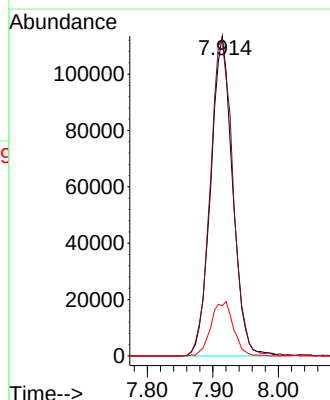
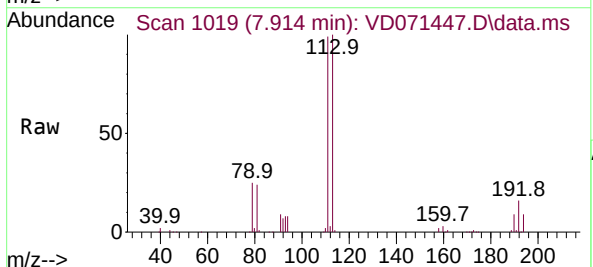
Tgt Ion:113 Resp: 263388

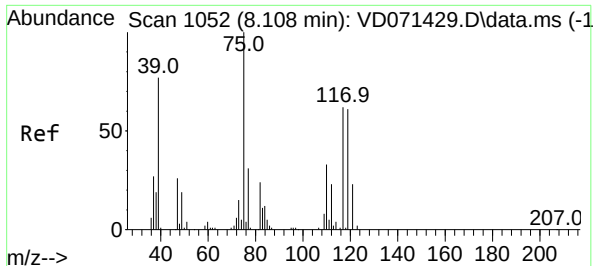
Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

192 17.3 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.554 ug/l

RT: 7.979 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD071447.D

Acq: 23 Dec 2021 17:13

Instrument :

MSVOA_D

ClientSampleId :

DA-16-4.5

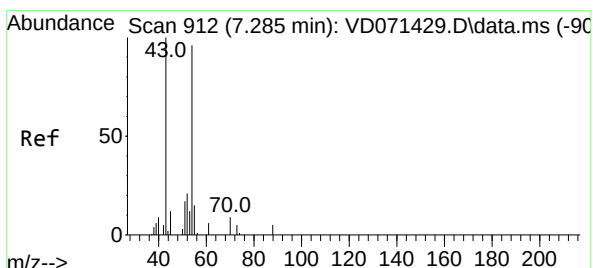
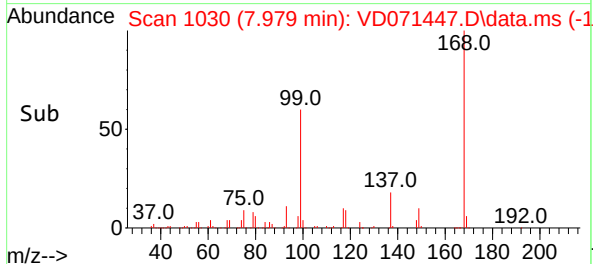
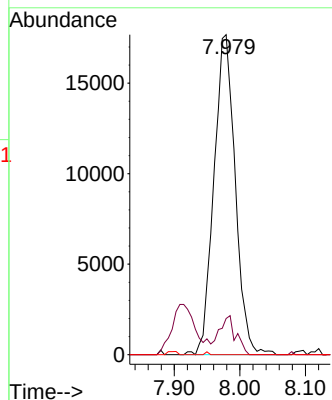
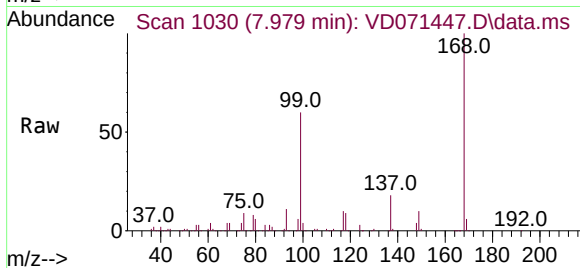
Tgt Ion: 75 Resp: 39878

Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.4#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.555 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.071 min

Lab File: VD071447.D

Acq: 23 Dec 2021 17:13

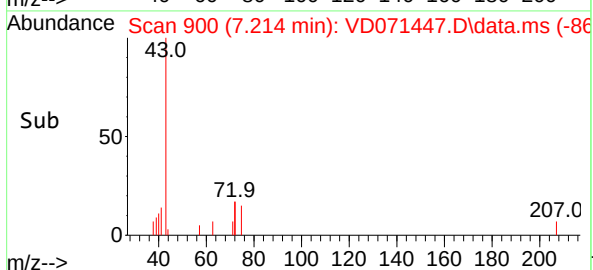
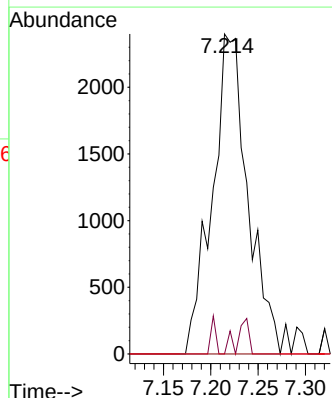
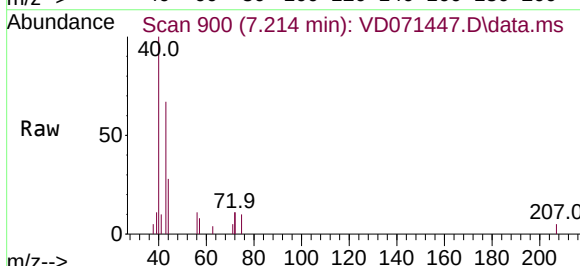
Tgt Ion: 43 Resp: 6286

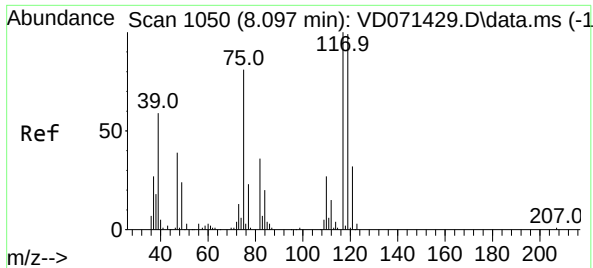
Ion Ratio Lower Upper

43 100

61 1.6 13.0 19.6#

70 0.0 8.7 13.1#

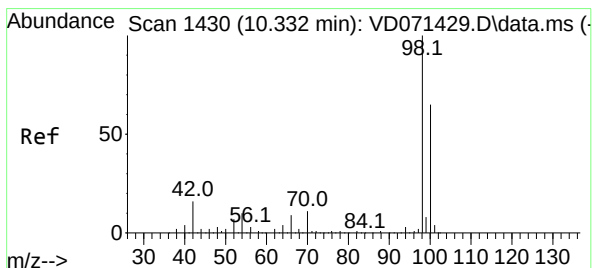
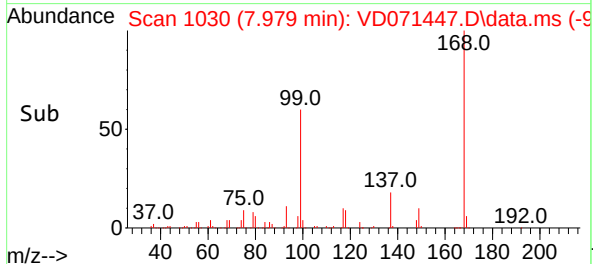
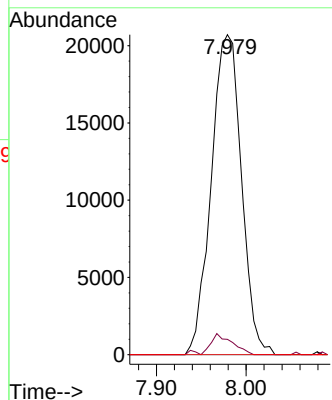
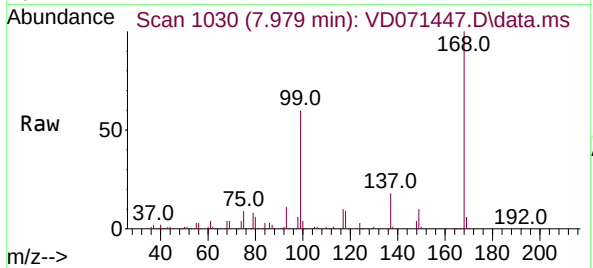




#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

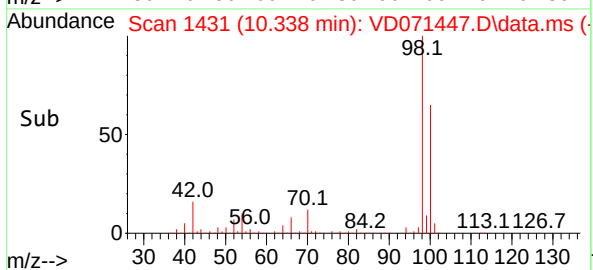
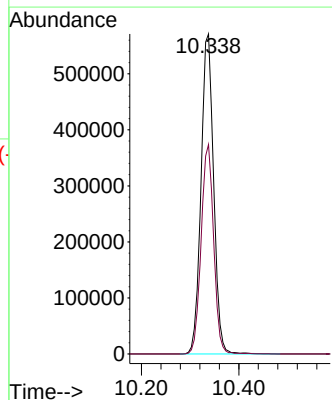
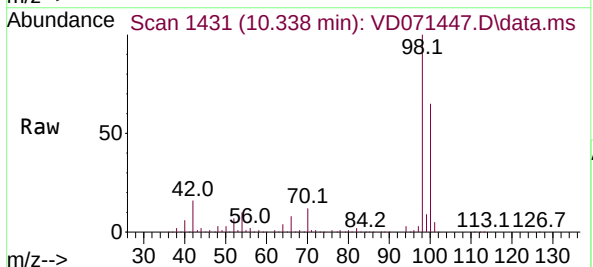
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

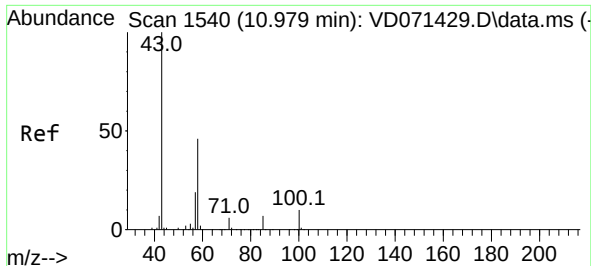
Tgt Ion:117 Resp: 48418
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 98 Resp: 1025710
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

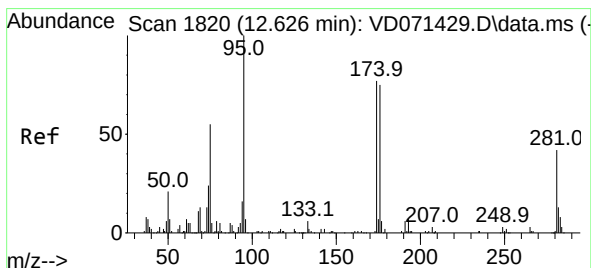
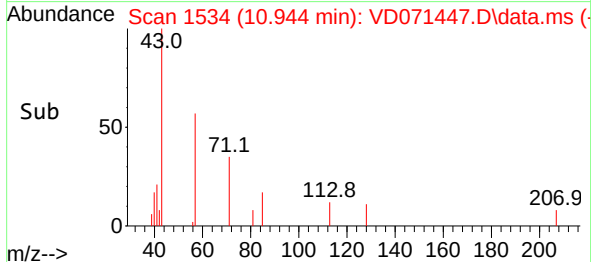
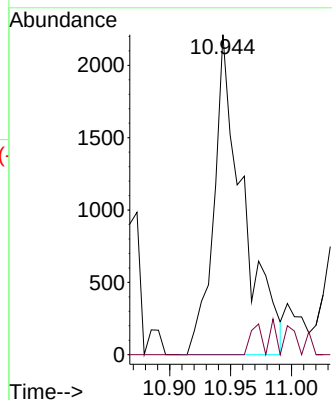
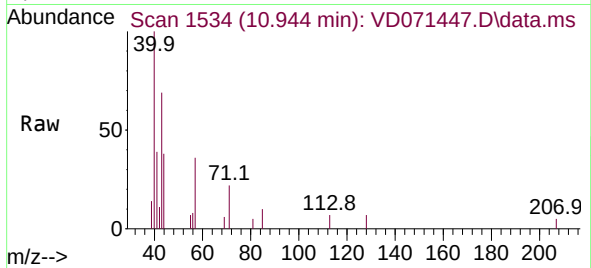




#59
2-Hexanone
Concen: 1.240 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

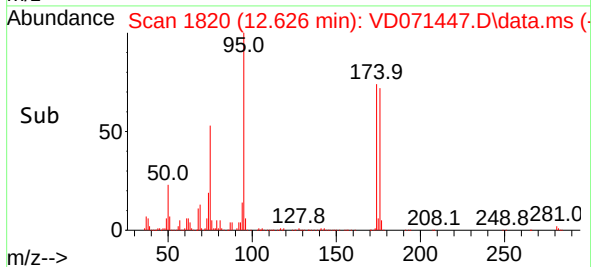
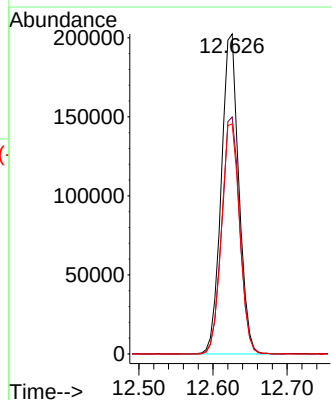
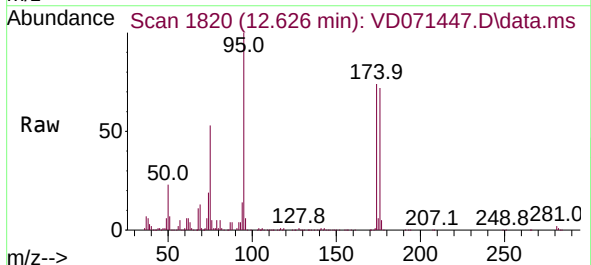
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

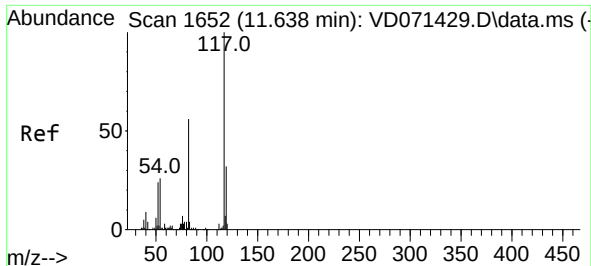
Tgt Ion: 43 Resp: 3699
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 45.201 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 95 Resp: 332710
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 74.4 0.0 154.0

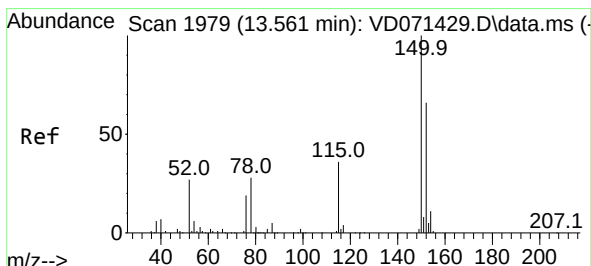
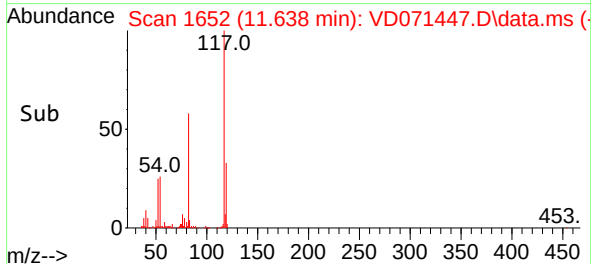
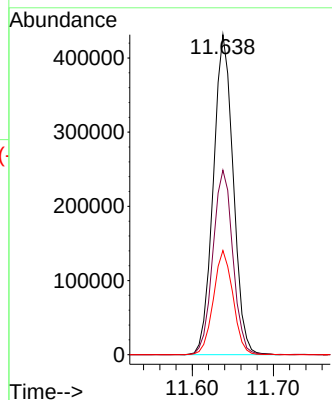
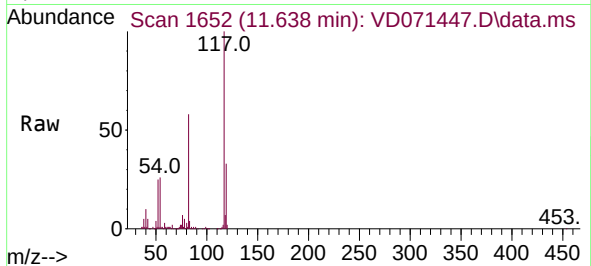




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

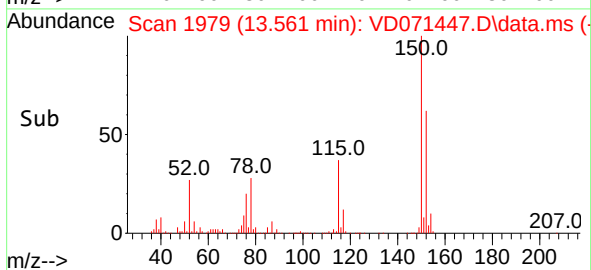
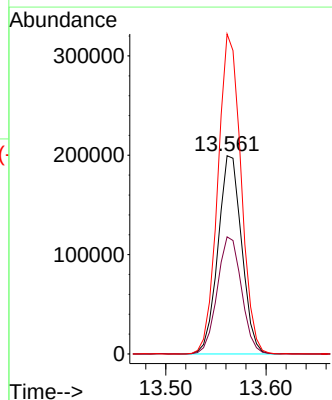
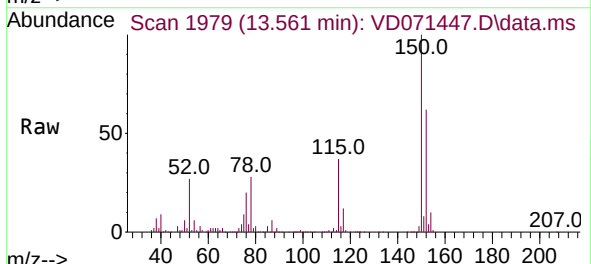
Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

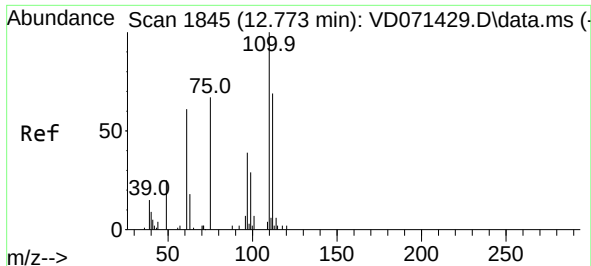
Tgt Ion:117 Resp: 735744
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion:152 Resp: 327152
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.2 0.0 349.2

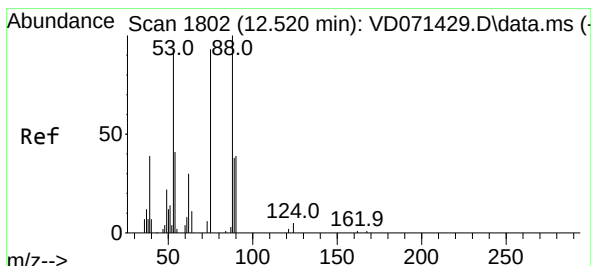
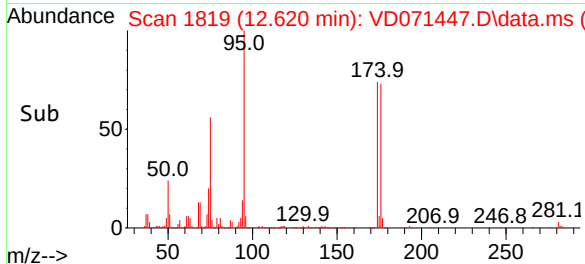
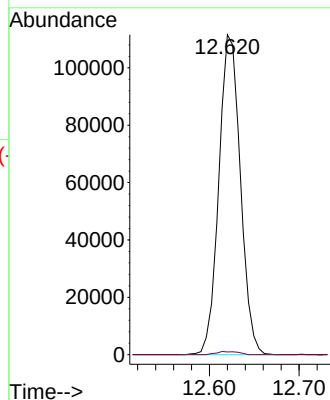
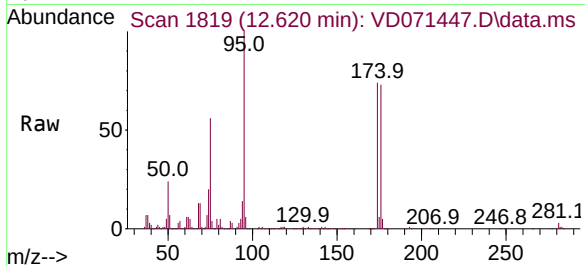




#76
1,2,3-Trichloropropane
Concen: 47.814 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Instrument :
MSVOA_D
ClientSampleId :
DA-16-4.5

Tgt Ion: 75 Resp: 185861
Ion Ratio Lower Upper
75 100
77 1.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.100 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071447.D
Acq: 23 Dec 2021 17:13

Tgt Ion: 75 Resp: 185861
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.0 34.5 51.7#

