

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072372.D
 Acq On : 22 Mar 2022 19:52
 Operator : VA/SY
 Sample : N2072-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-32222

Quant Time: Mar 23 01:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

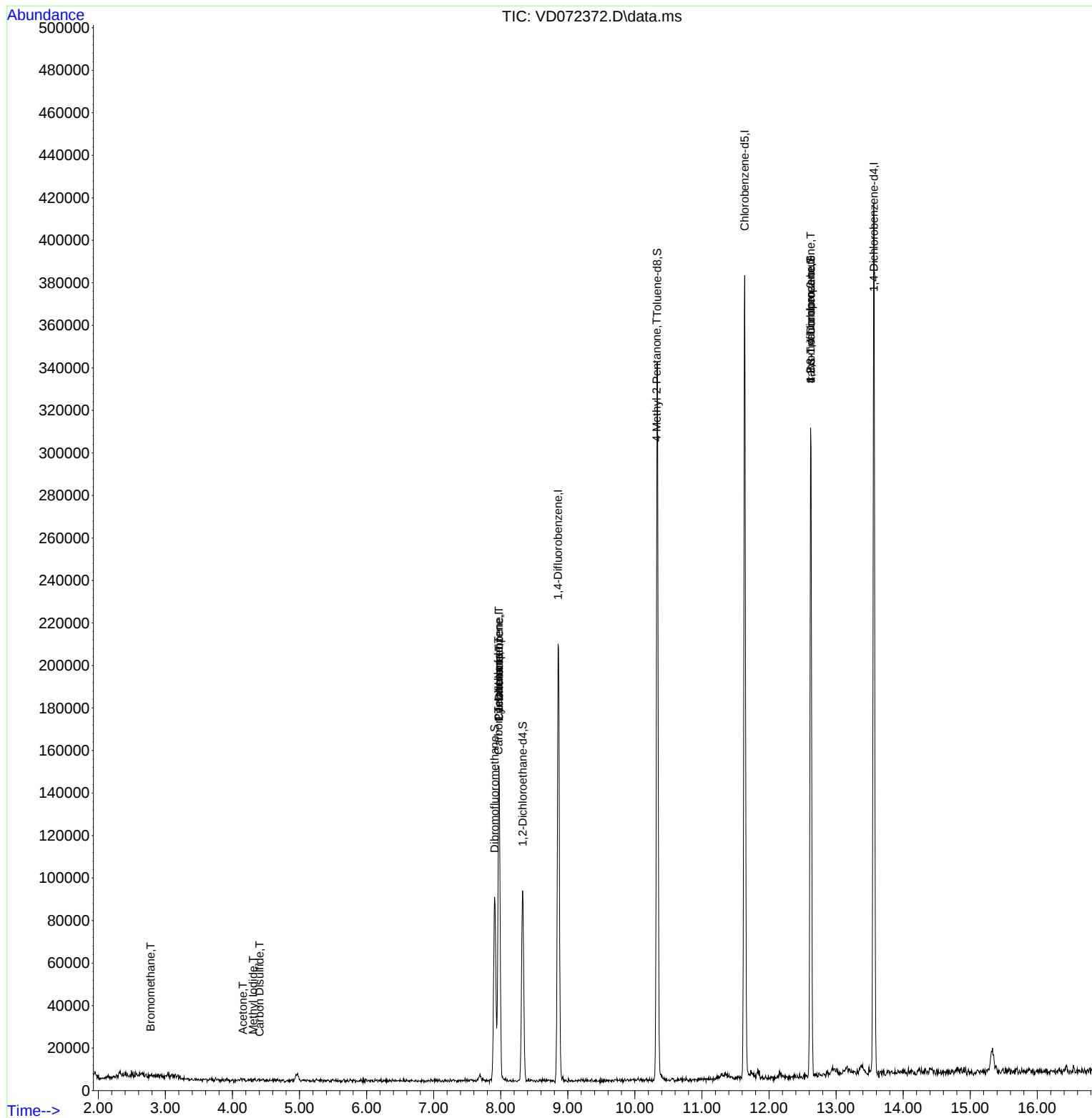
Internal Standards						
1) Pentafluorobenzene	7.973	168	104976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	177539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	214041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	73634	62.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.880%	
35) Dibromofluoromethane	7.908	113	63289	50.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.332	98	225142	49.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.620	95	104061	58.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.260%	
Target Compounds						
						Qvalue
5) Bromomethane	2.779	94	720	1.328	ug/l #	1
10) Methyl Iodide	4.309	142	60	2.280	ug/l #	38
16) Acetone	4.156	43	1204	4.740	ug/l #	46
17) Carbon Disulfide	4.403	76	143	1.562	ug/l #	74
20) Methylene Chloride	4.973	84	1348	Below Cal	#	54
31) Cyclohexane	7.973	56	2599	1.422	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	9675	5.520	ug/l #	50
38) Carbon Tetrachloride	7.967	117	10705	5.373	ug/l #	17
51) 4-Methyl-2-Pentanone	10.326	43	1207	1.542	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	53974	44.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	53974	111.035	ug/l #	7

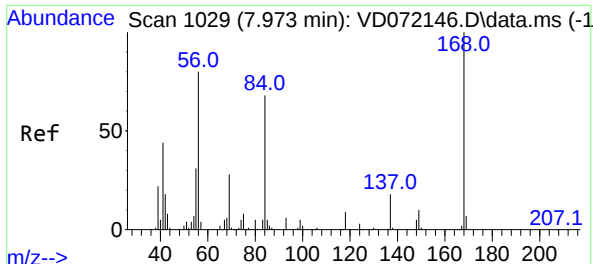
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
Data File : VD072372.D
Acq On : 22 Mar 2022 19:52
Operator : VA/SY
Sample : N2072-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

Quant Time: Mar 23 01:15:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

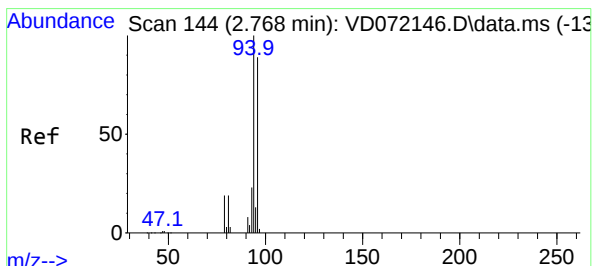
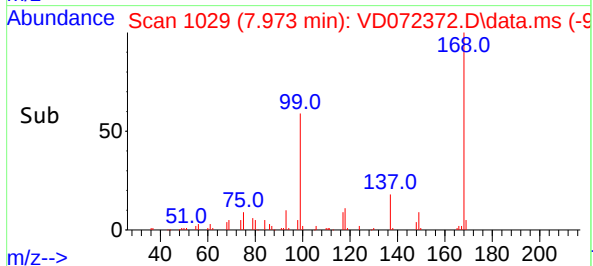
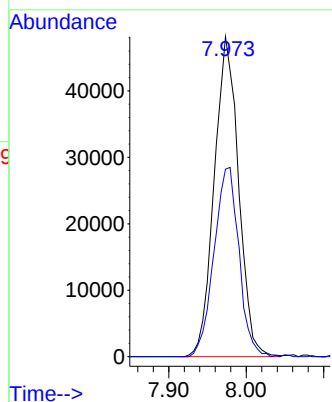
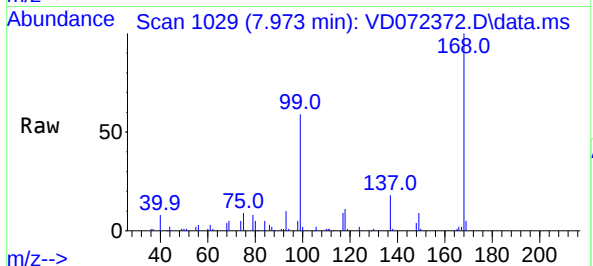




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

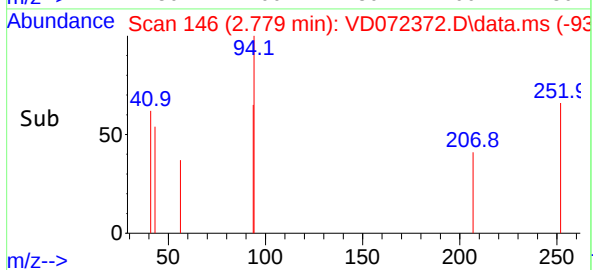
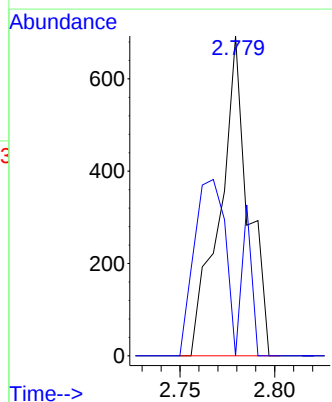
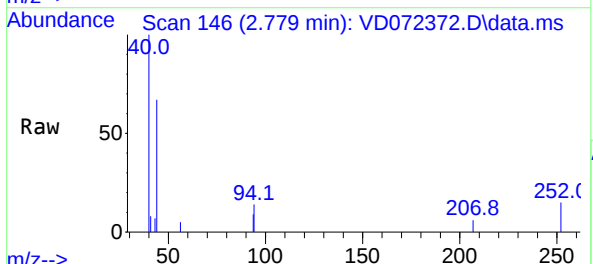
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

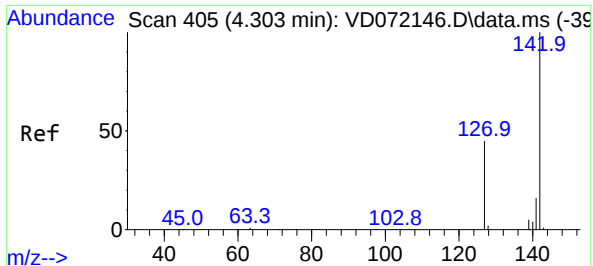
Tgt Ion:168 Resp: 104976
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#5
Bromomethane
Concen: 1.328 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 94 Resp: 720
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

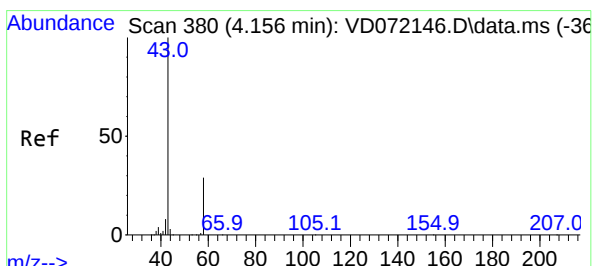
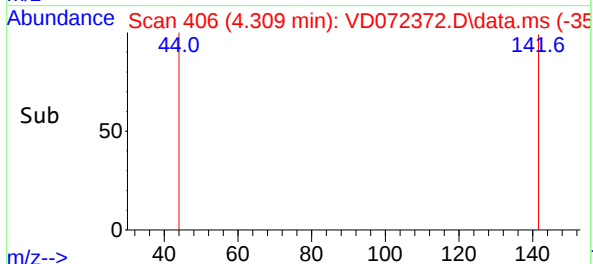
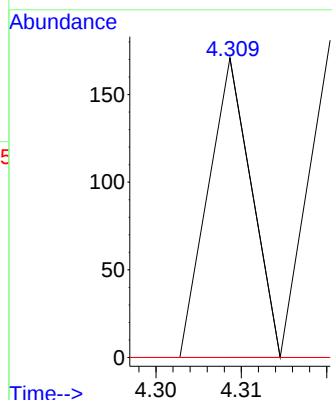
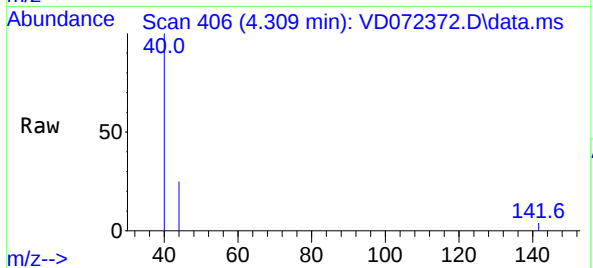




#10
Methyl Iodide
Concen: 2.280 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

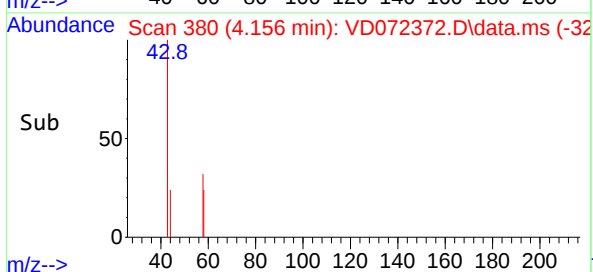
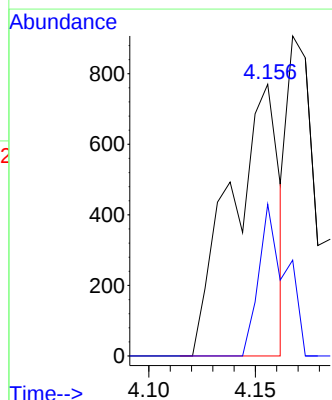
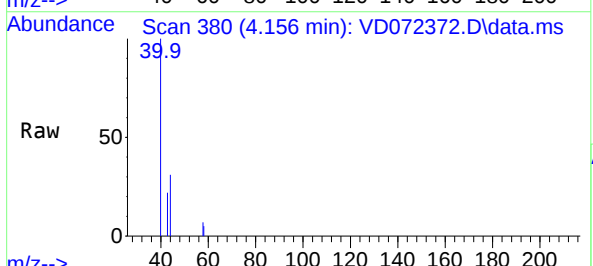
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

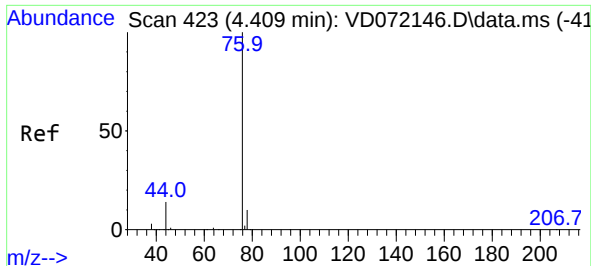
Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 4.740 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 55.8 22.1 33.1#

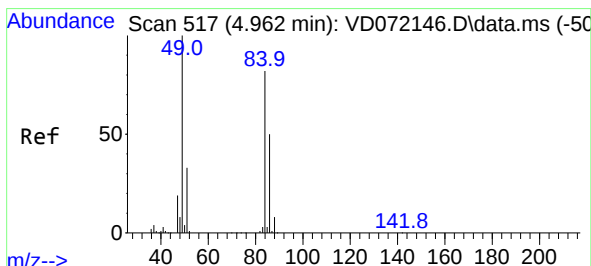
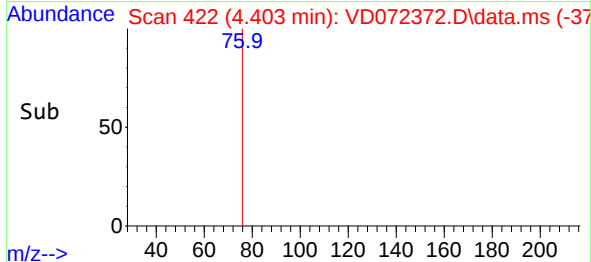
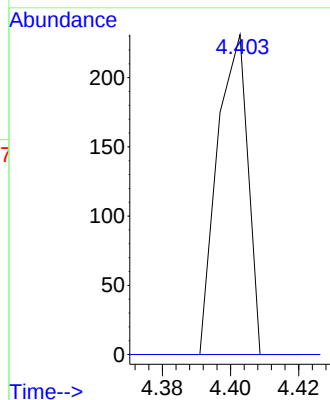
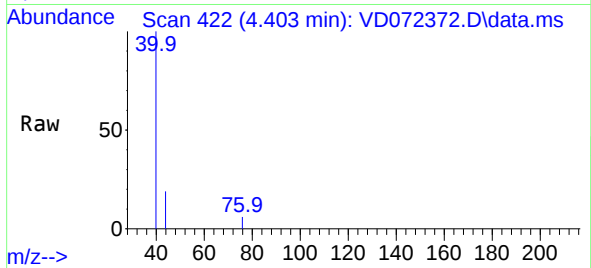




#17
Carbon Disulfide
Concen: 1.562 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

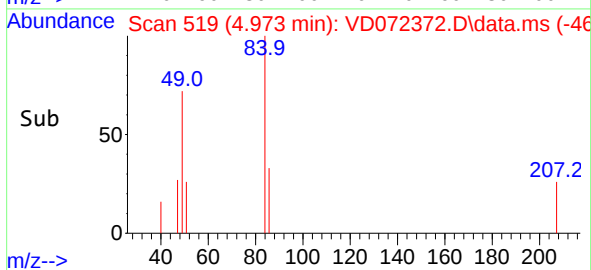
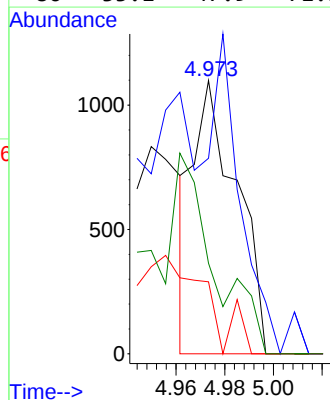
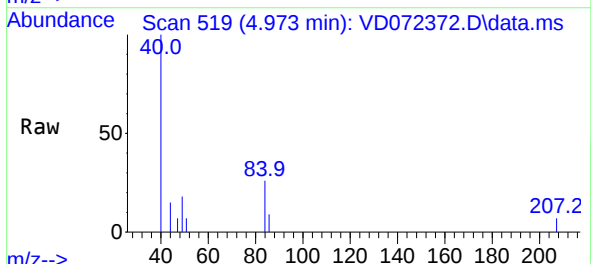
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

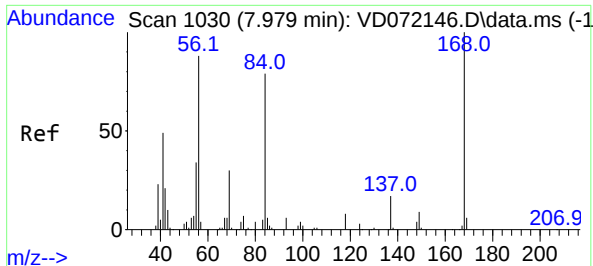
Tgt Ion: 76 Resp: 143
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
49 71.5 112.8 169.2#
51 26.4 32.6 48.8#
86 33.1 47.9 71.9#

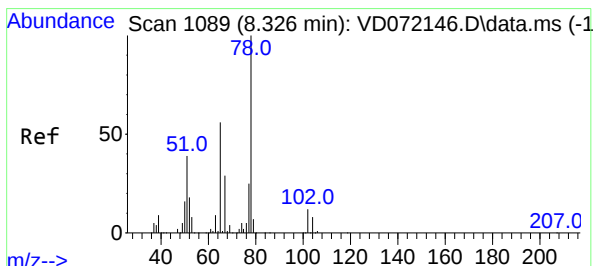
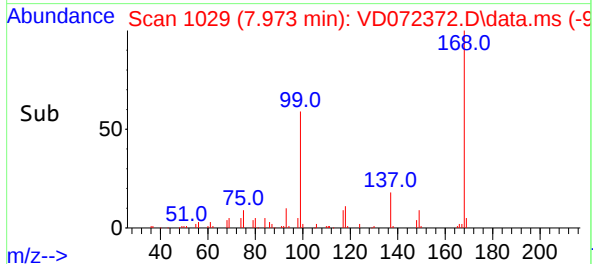
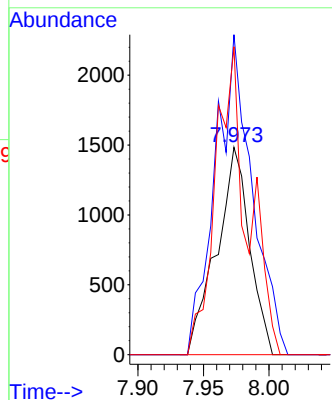
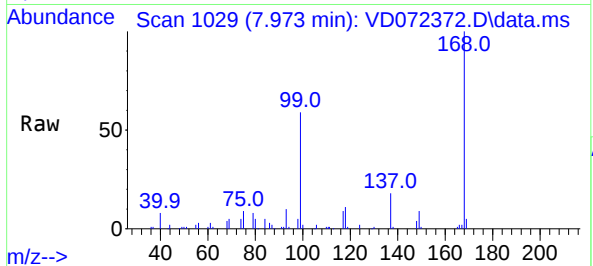




#31
Cyclohexane
Concen: 1.422 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

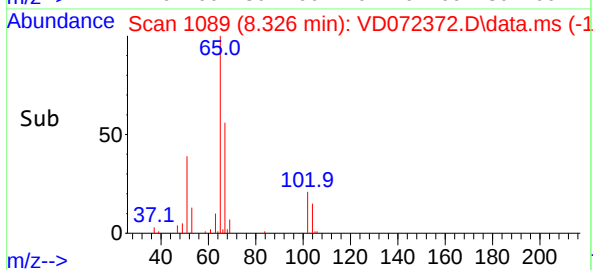
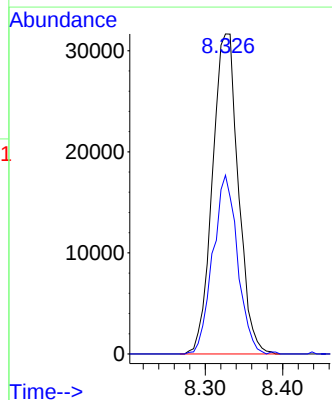
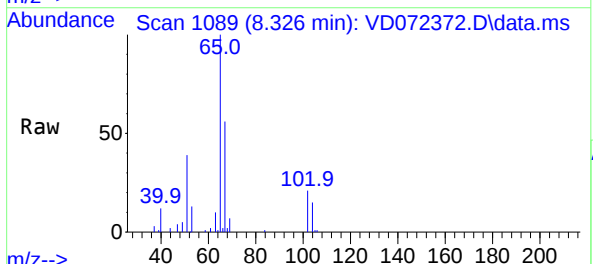
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

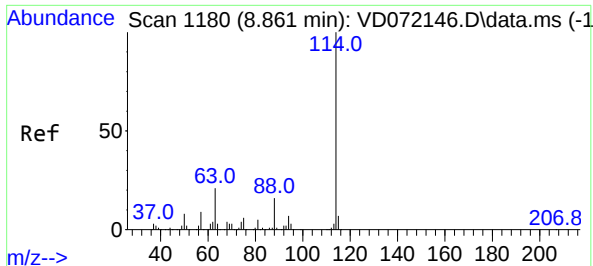
Tgt Ion: 56 Resp: 2599
Ion Ratio Lower Upper
56 100
69 154.3 25.4 38.2#
84 148.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 62.941 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 65 Resp: 73634
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

Instrument :

MSVOA_D

ClientSampleId :

EO-03-32222

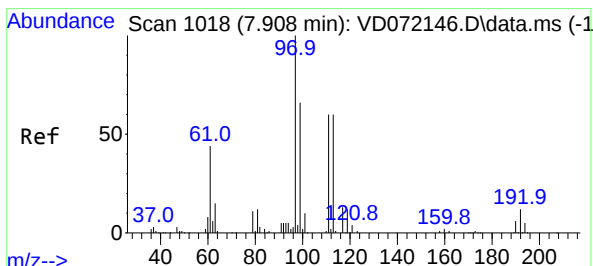
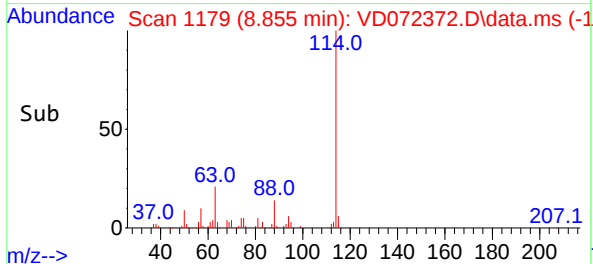
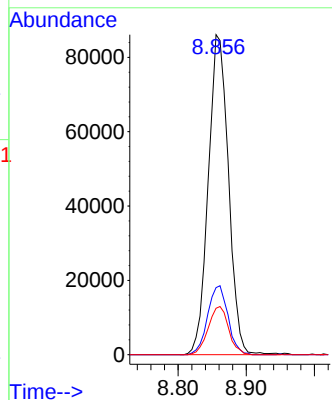
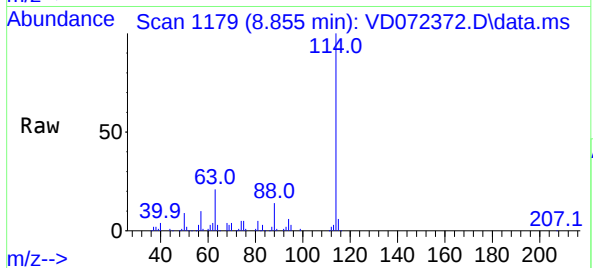
Tgt Ion:114 Resp: 177539

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 14.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.657 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

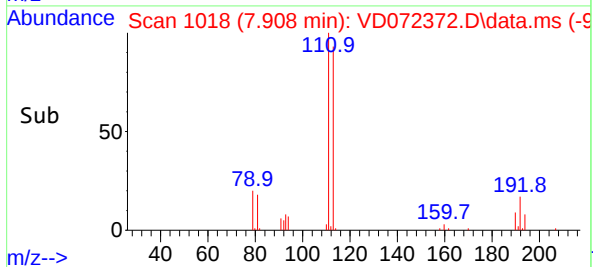
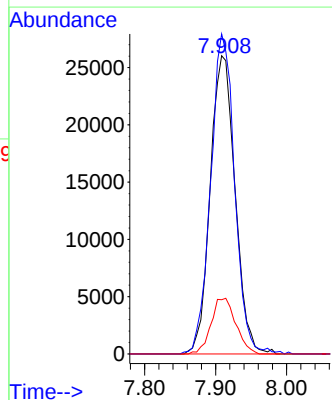
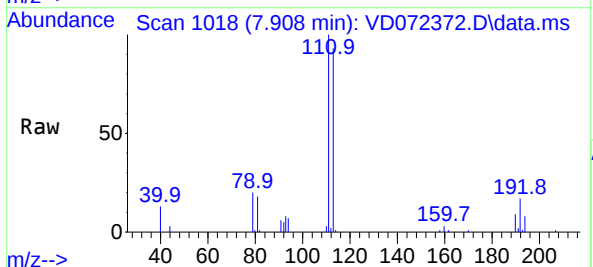
Tgt Ion:113 Resp: 63289

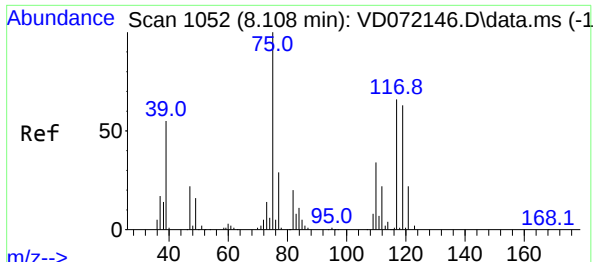
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.520 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

Instrument :

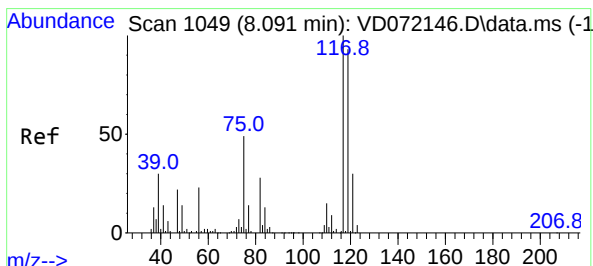
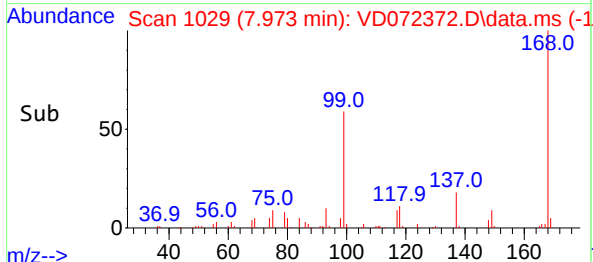
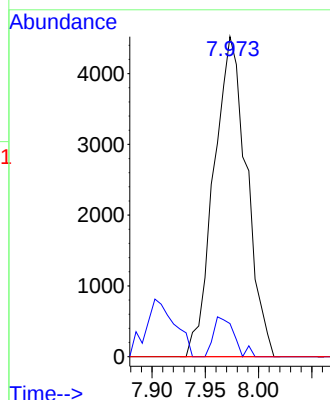
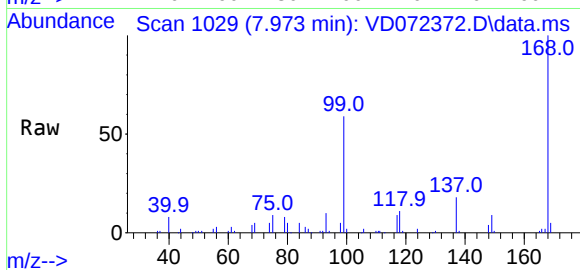
MSVOA_D

ClientSampleId :

EO-03-32222

Tgt Ion: 75 Resp: 9675

Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.373 ug/l

RT: 7.967 min Scan# 1028

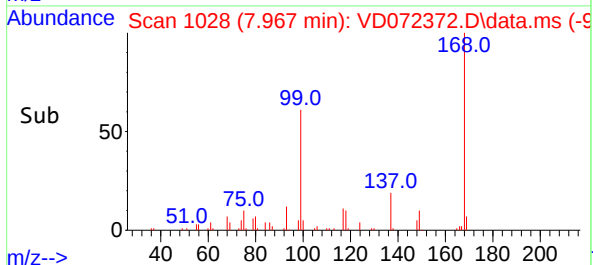
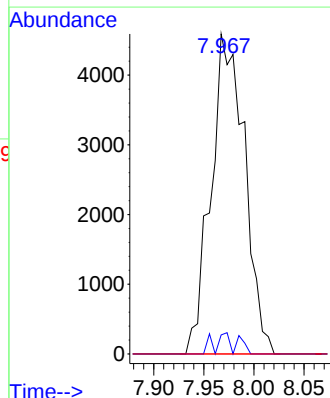
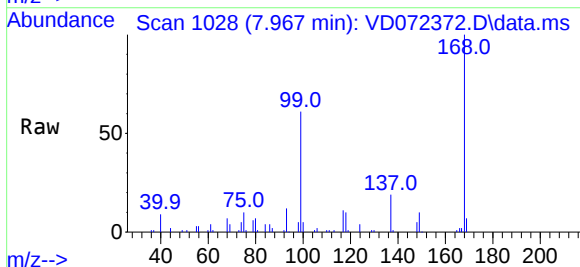
Delta R.T. -0.123 min

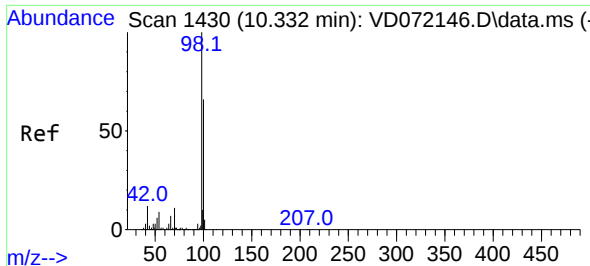
Lab File: VD072372.D

Acq: 22 Mar 2022 19:52

Tgt Ion: 117 Resp: 10705

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.5	36.7#

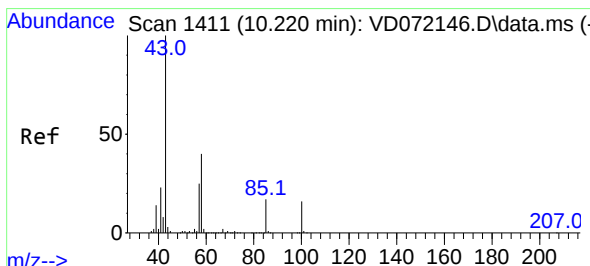
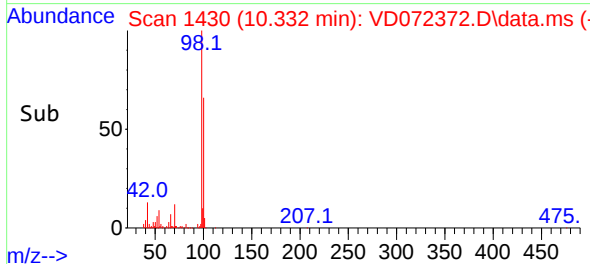
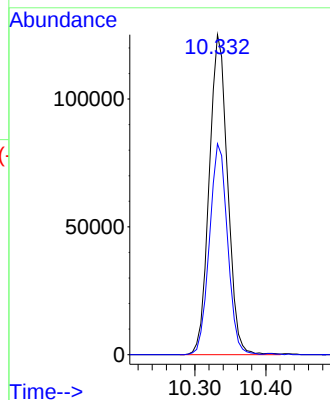
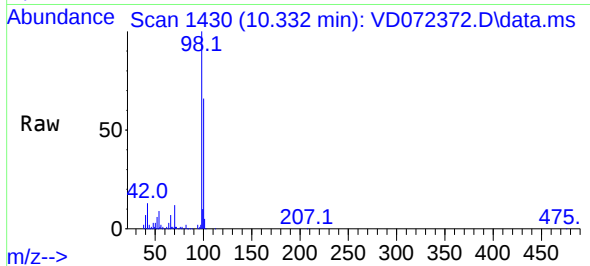




#50
Toluene-d8
Concen: 49.284 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

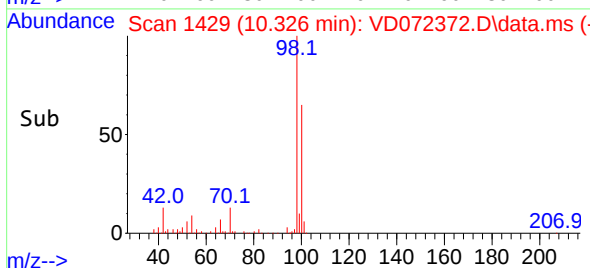
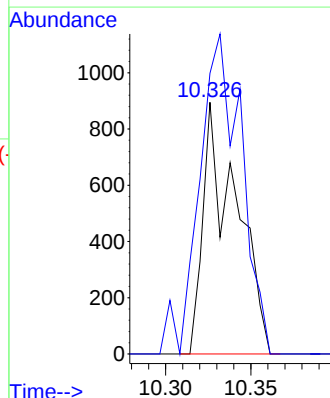
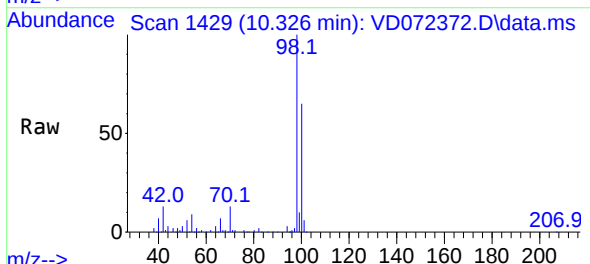
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

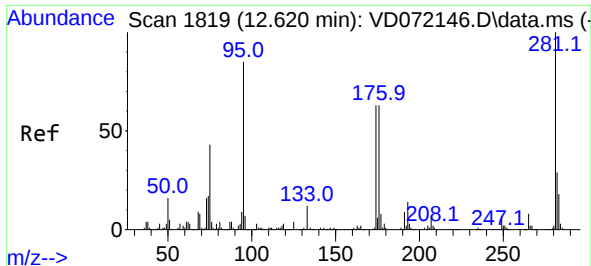
Tgt Ion: 98 Resp: 225142
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.542 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.106 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
58 161.6 28.6 43.0#

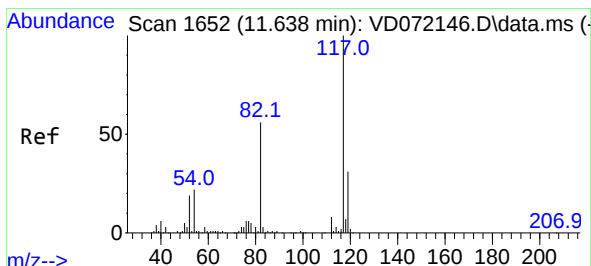
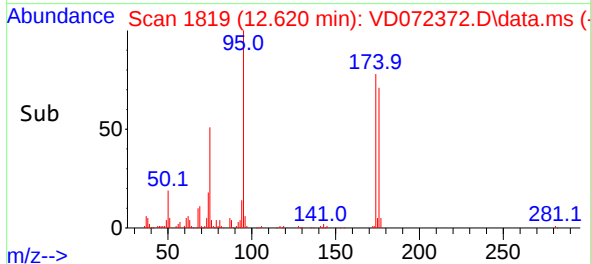
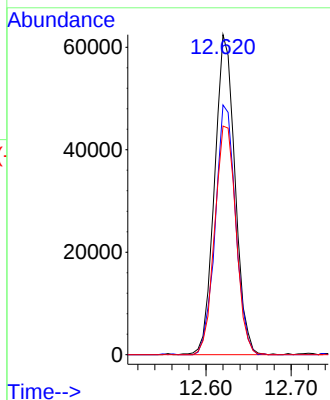
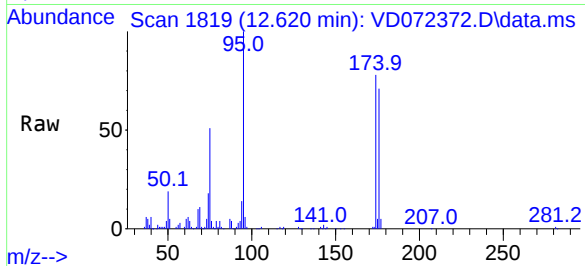




#62
4-Bromofluorobenzene
Concen: 58.625 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

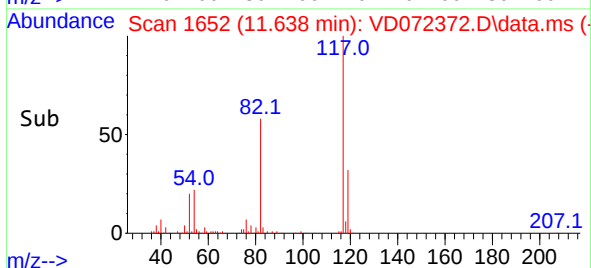
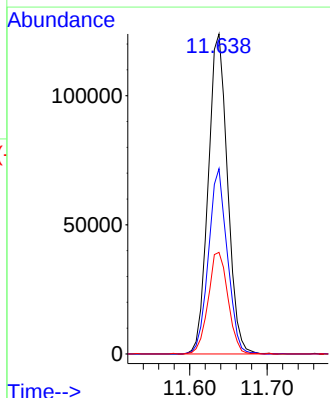
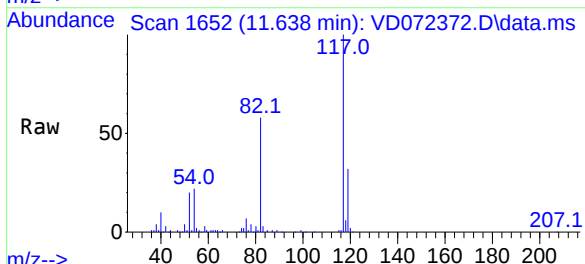
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

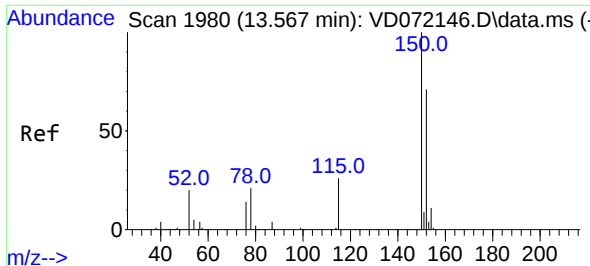
Tgt Ion: 95 Resp: 104061
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

Tgt Ion: 117 Resp: 214041
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 31.8 26.6 40.0

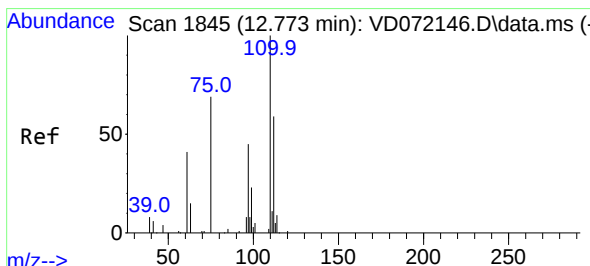
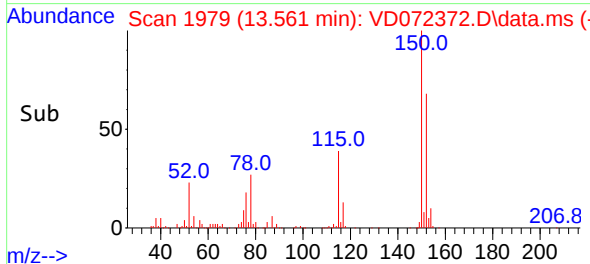
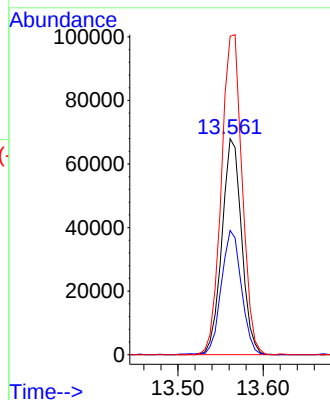
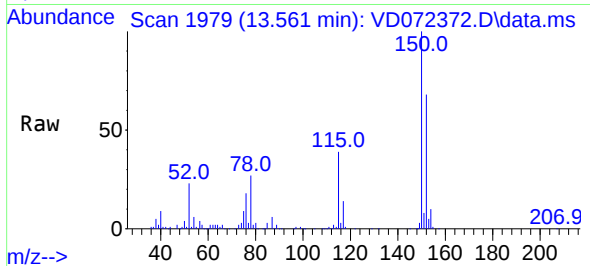




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

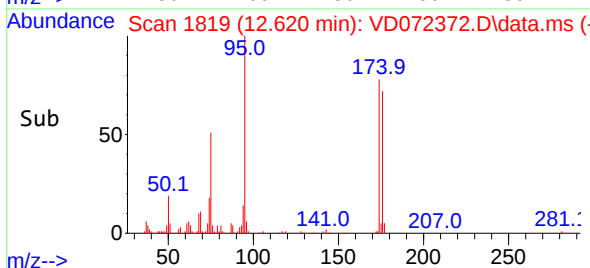
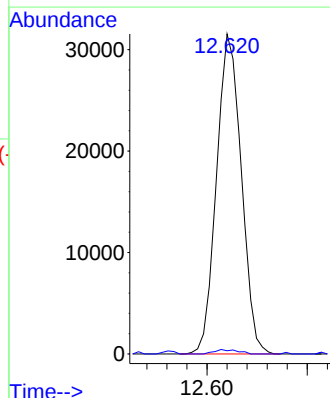
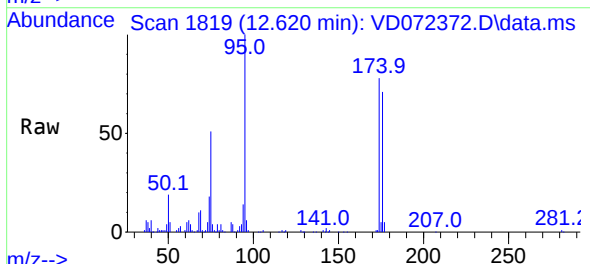
Instrument :
MSVOA_D
ClientSampleId :
EO-03-32222

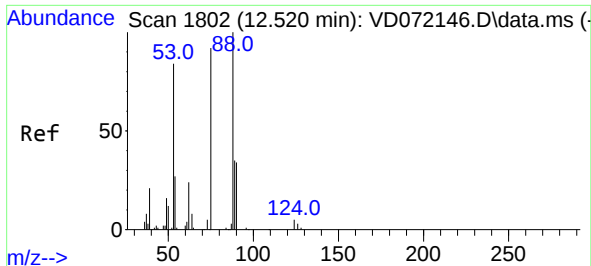
Tgt Ion:152 Resp: 109335
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 155.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.752 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072372.D
Acq: 22 Mar 2022 19:52

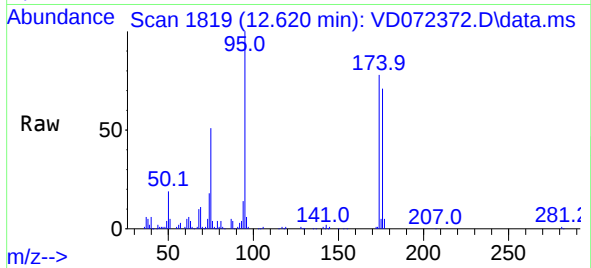
Tgt Ion: 75 Resp: 53974
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.035 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072372.D
 Acq: 22 Mar 2022 19:52

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-32222



Tgt Ion: 75 Resp: 53974
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

