

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072347.D
 Acq On : 21 Mar 2022 18:29
 Operator : VA/SY
 Sample : N1995-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-4.5-5.0

Quant Time: Mar 22 02:13:31 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)

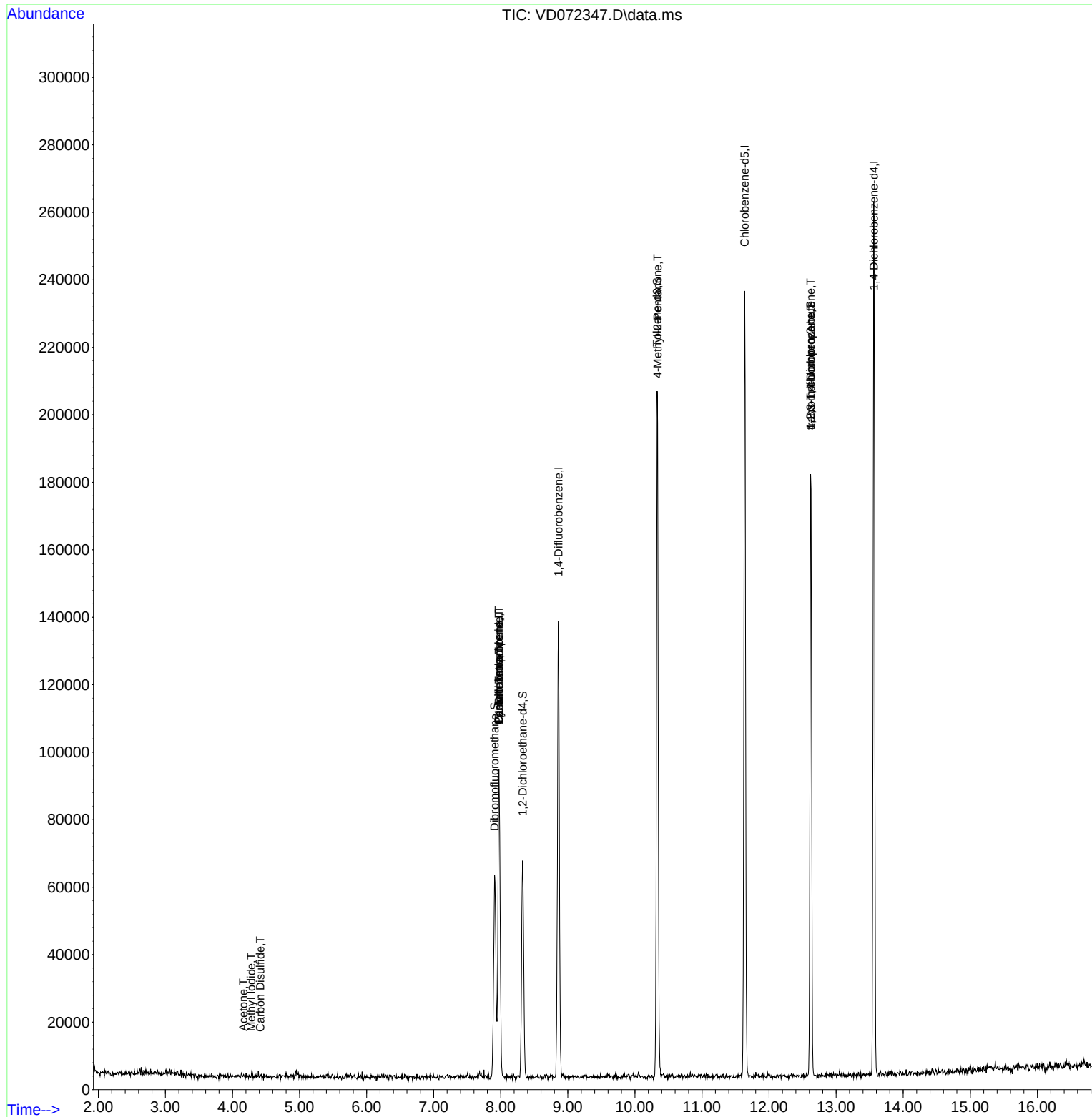
Internal Standards						
1) Pentafluorobenzene	7.973	168	65403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	110055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	132362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	68203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	50789	69.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.360%	
35) Dibromofluoromethane	7.908	113	42830	55.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.332	98	134606	47.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.620	95	60892	55.340	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.680%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.279	142	60	2.312	ug/l #	38
16) Acetone	4.161	43	848	5.358	ug/l #	47
17) Carbon Disulfide	4.414	76	604	1.918	ug/l #	74
20) Methylene Chloride	4.967	84	1375	Below Cal	#	61
31) Cyclohexane	7.973	56	1570	1.379	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	5767	5.308	ug/l #	46
38) Carbon Tetrachloride	7.973	117	7305	5.915	ug/l #	19
51) 4-Methyl-2-Pentanone	10.338	43	686	1.414	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	30806	40.947	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	30806	101.594	ug/l #	7

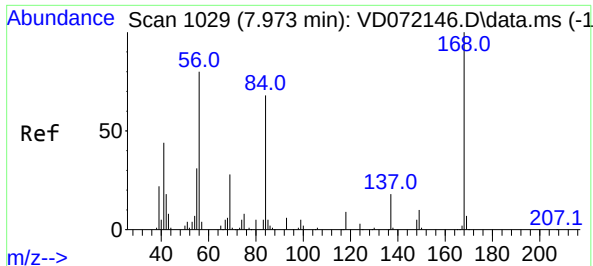
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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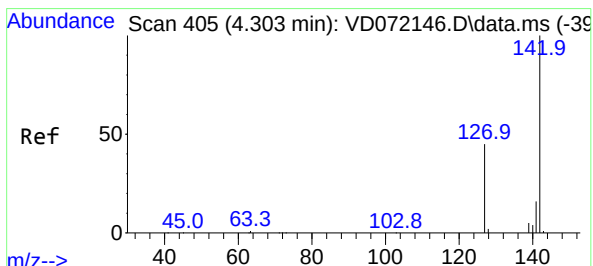
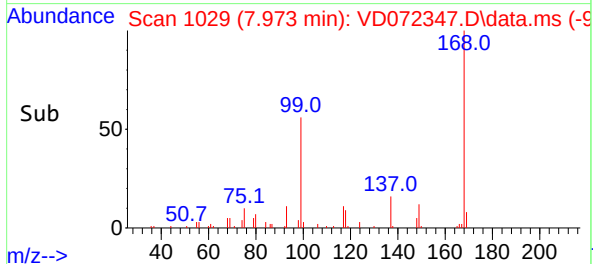
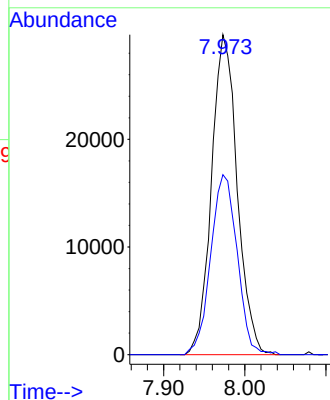
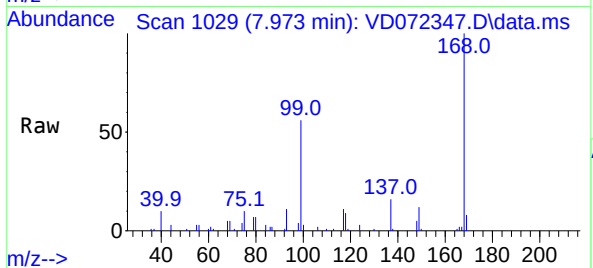




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

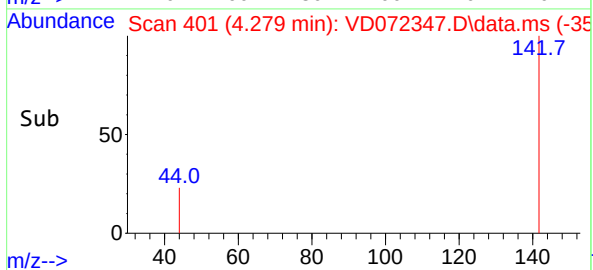
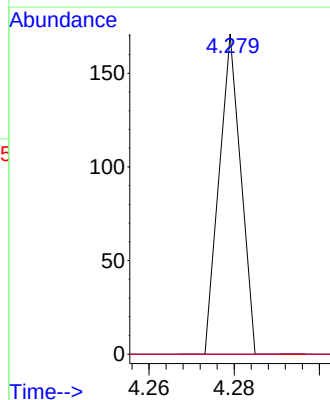
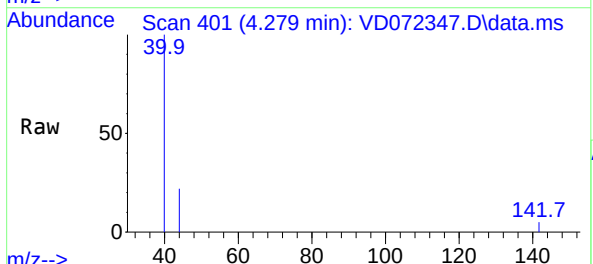
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

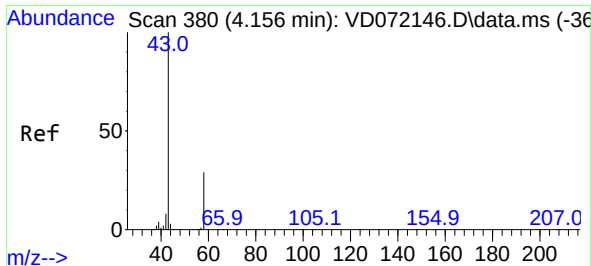
Tgt Ion:168 Resp: 65403
Ion Ratio Lower Upper
168 100
99 56.2 49.8 74.6



#10
Methyl Iodide
Concen: 2.312 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.024 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

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#

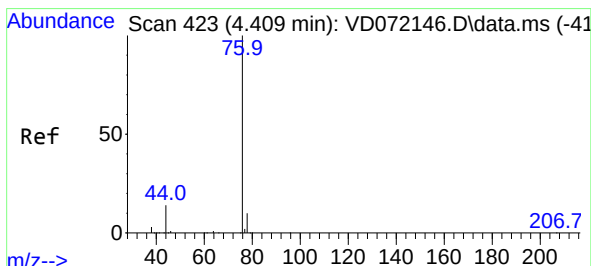
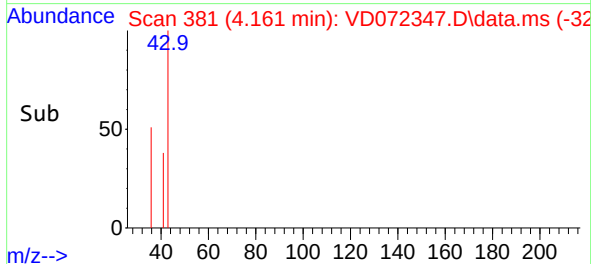
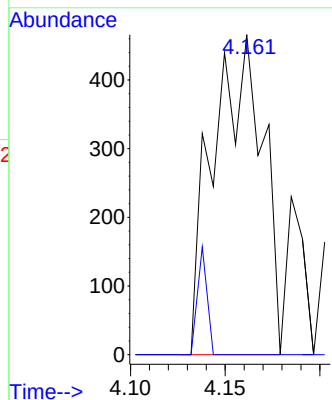
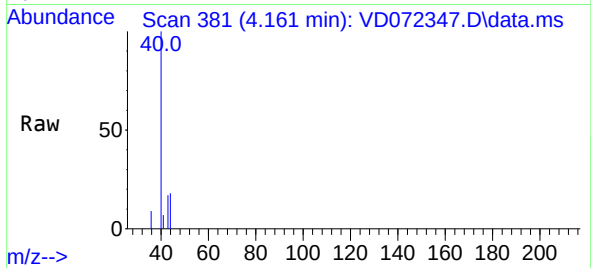




#16
Acetone
Concen: 5.358 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

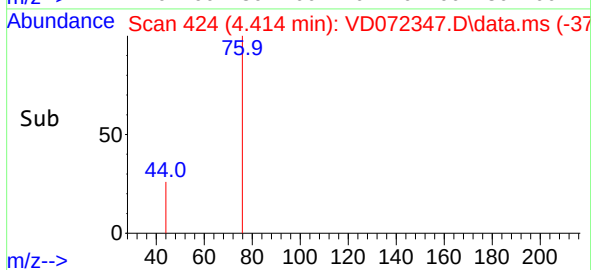
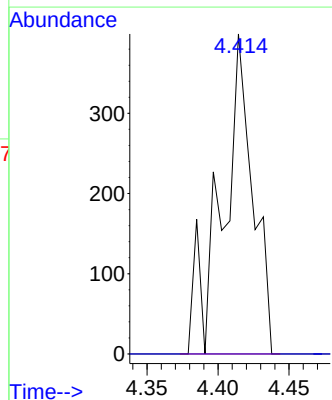
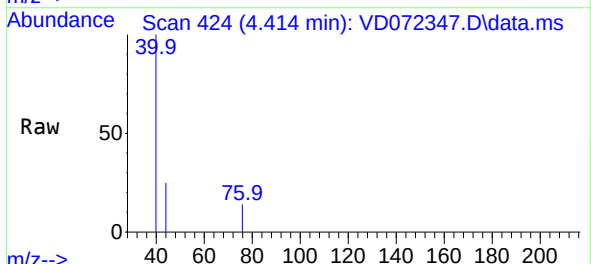
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

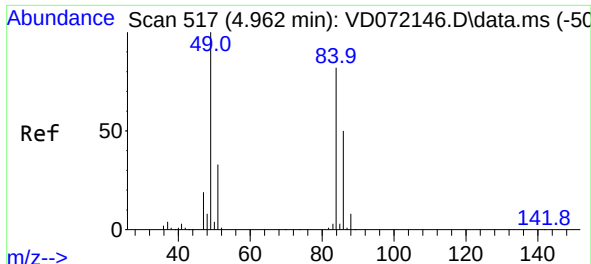
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.918 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 76 Resp: 604
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



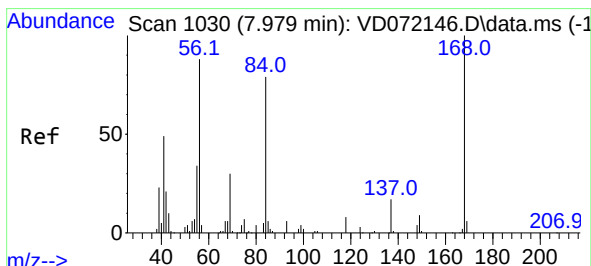
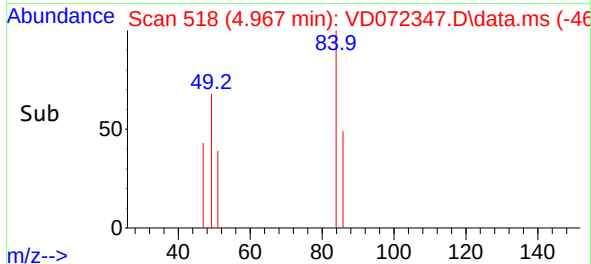
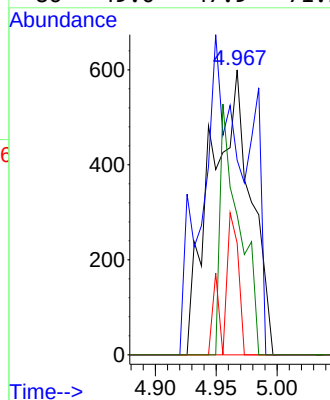
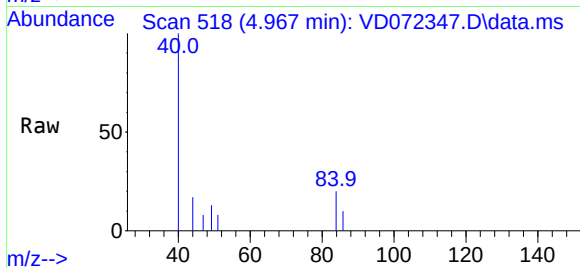


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion: 84 Resp: 1375

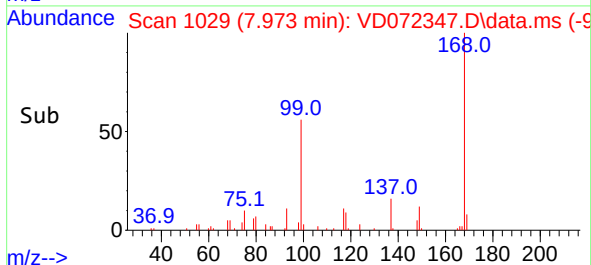
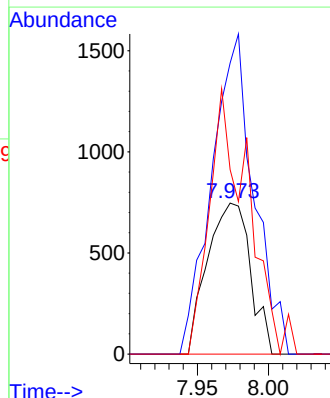
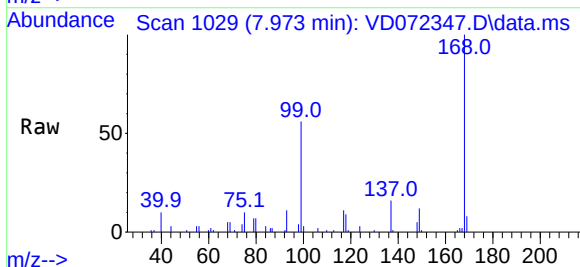
Ion	Ratio	Lower	Upper
84	100		
49	68.3	112.8	169.2#
51	39.2	32.6	48.8
86	49.0	47.9	71.9

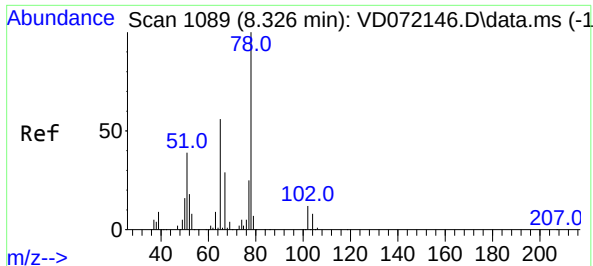


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 56 Resp: 1570

Ion	Ratio	Lower	Upper
56	100		
69	192.6	25.4	38.2#
84	122.1	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 69.681 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072347.D

Acq: 21 Mar 2022 18:29

Instrument :

MSVOA_D

ClientSampleId :

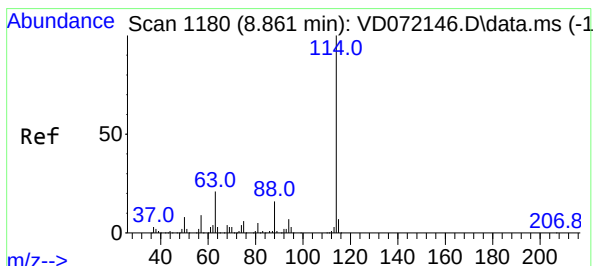
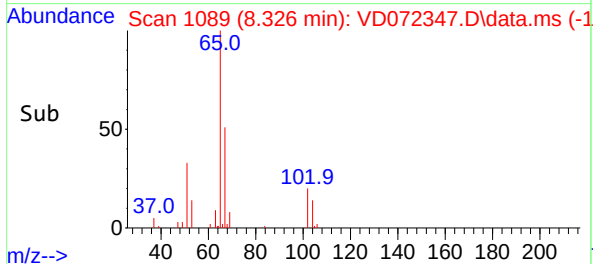
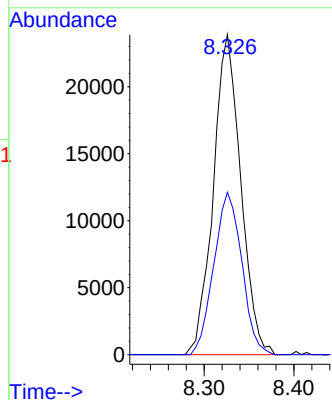
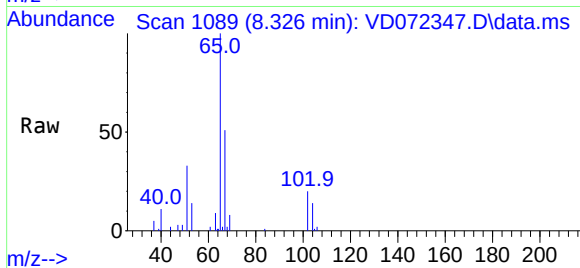
SB-06-4.5-5.0

Tgt Ion: 65 Resp: 50789

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072347.D

Acq: 21 Mar 2022 18:29

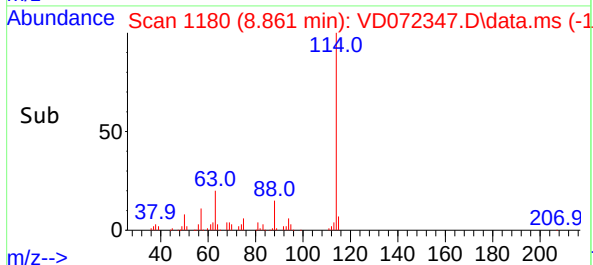
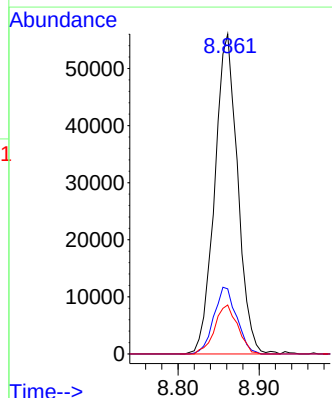
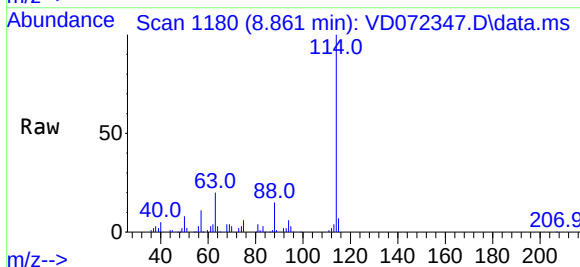
Tgt Ion: 114 Resp: 110055

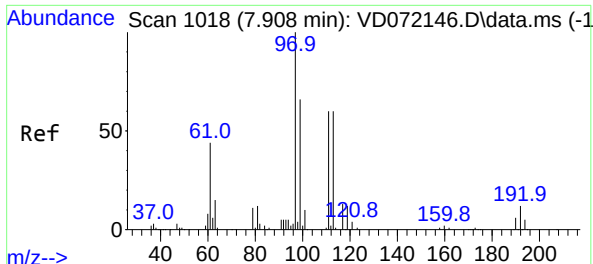
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.3 0.0 33.2

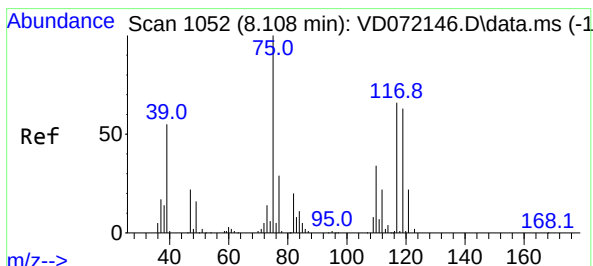
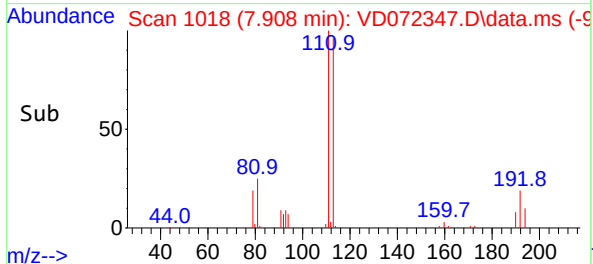
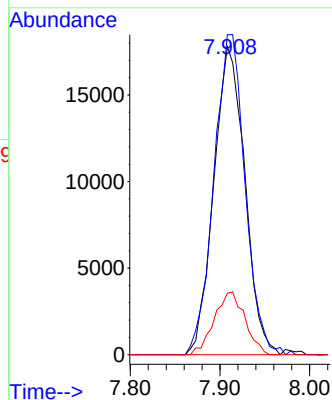
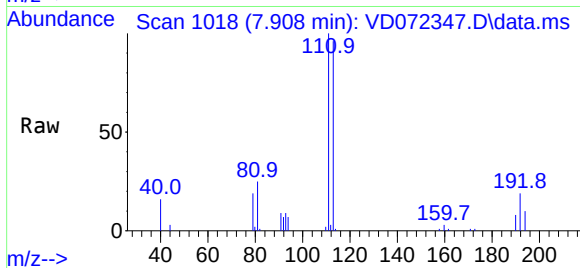




#35
Dibromofluoromethane
Concen: 55.303 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

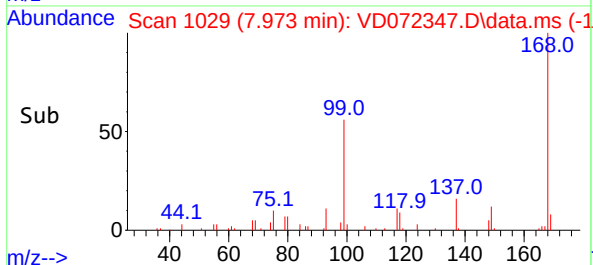
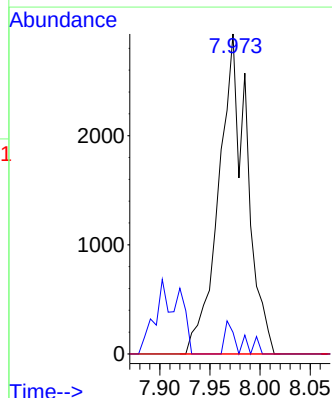
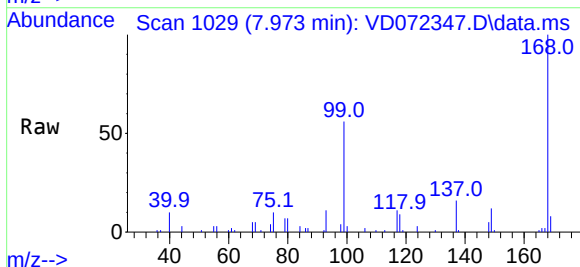
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

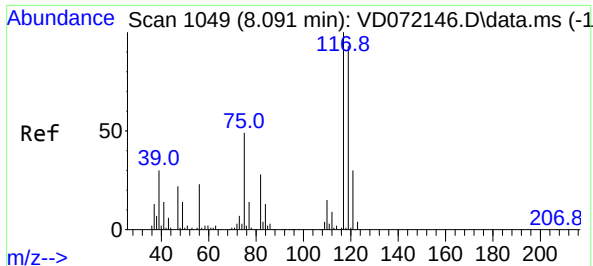
Tgt Ion:113 Resp: 42830
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 20.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 75 Resp: 5767
Ion Ratio Lower Upper
75 100
110 3.1 16.4 49.1#
77 0.0 24.2 36.2#

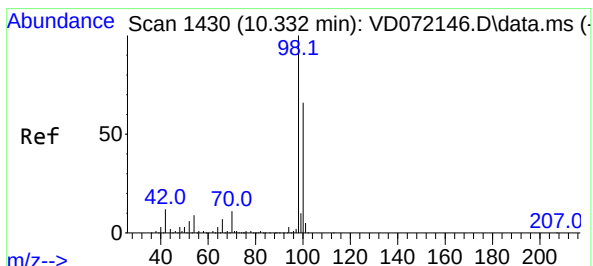
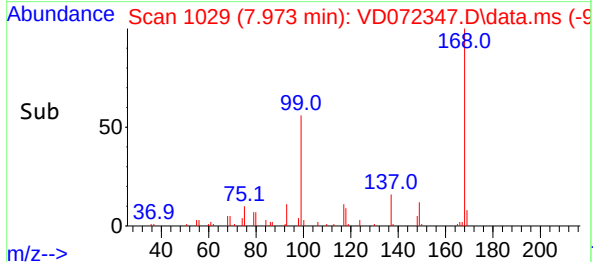
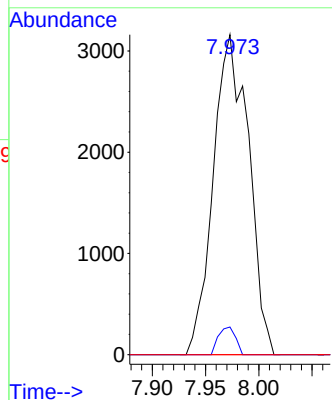
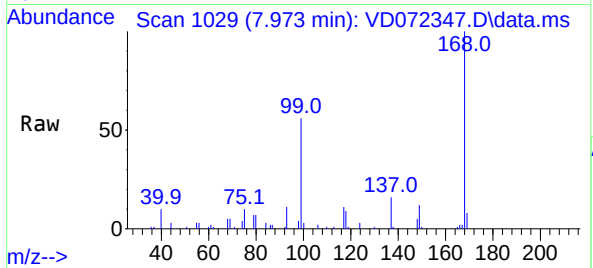




#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

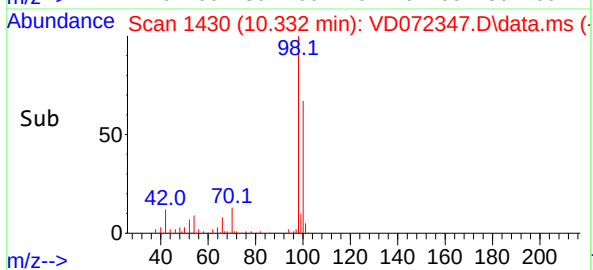
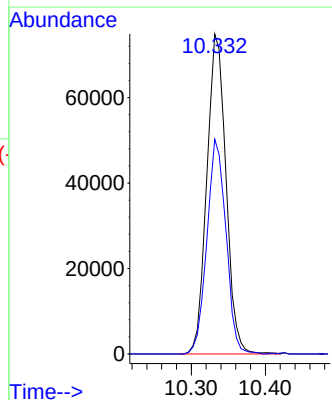
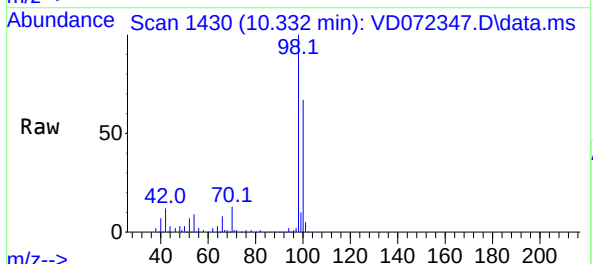
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MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

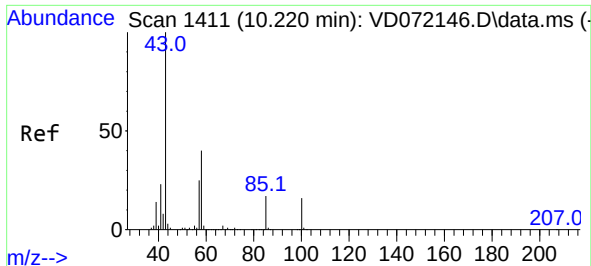
Tgt Ion:117 Resp: 7305
Ion Ratio Lower Upper
117 100
119 8.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.533 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 98 Resp: 134606
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

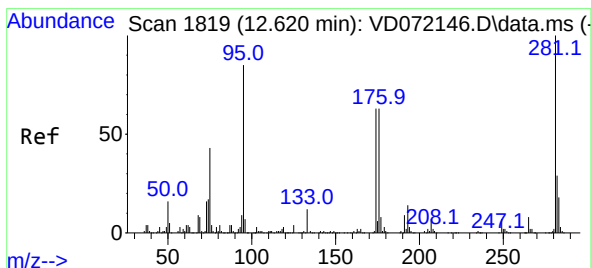
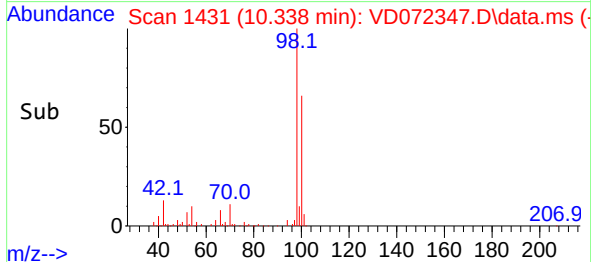
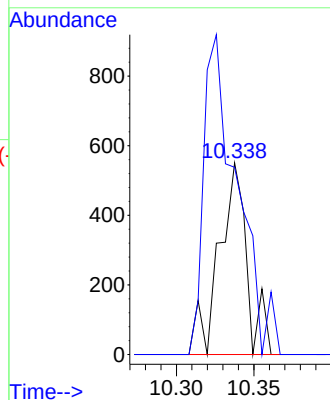
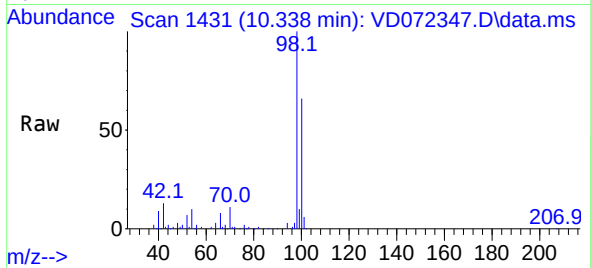




#51
4-Methyl-2-Pentanone
Concen: 1.414 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.117 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

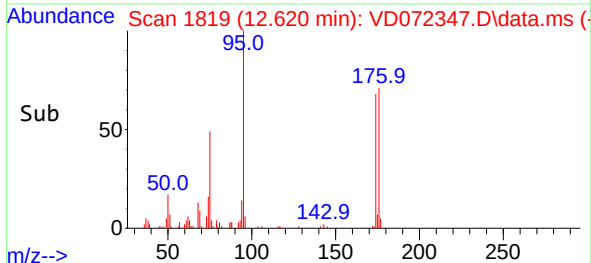
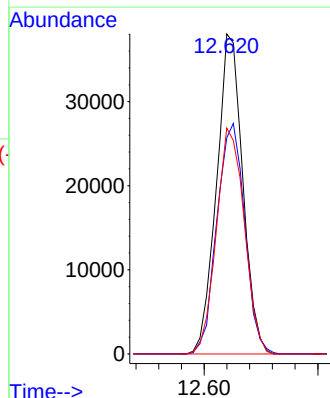
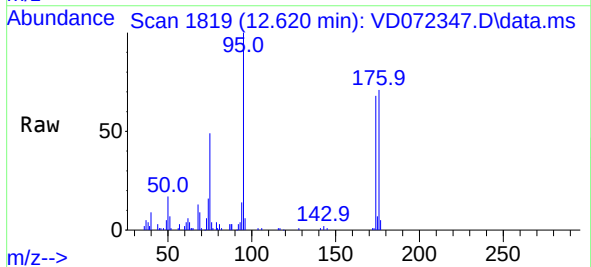
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

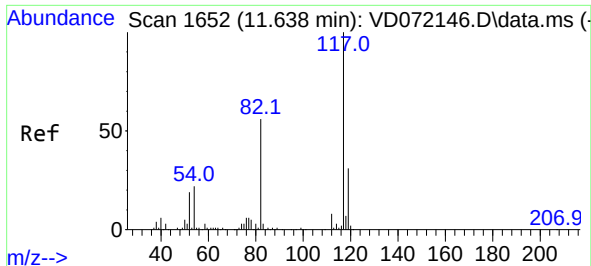
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 201.0 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 55.340 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 95 Resp: 60892
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.9 0.0 145.4

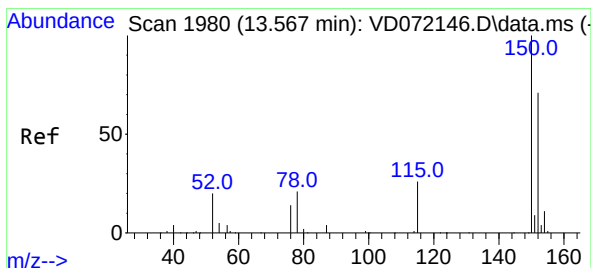
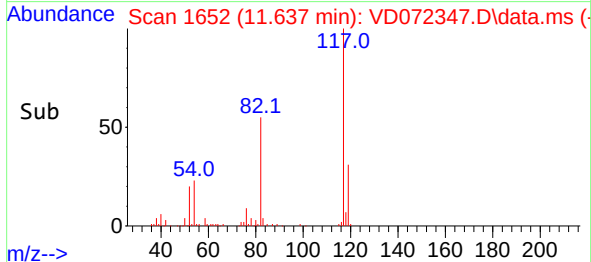
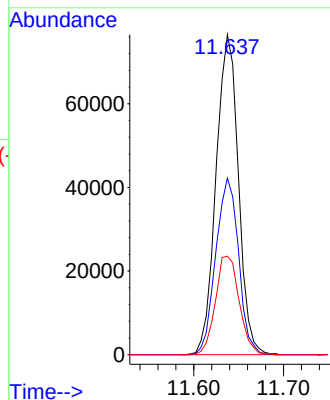
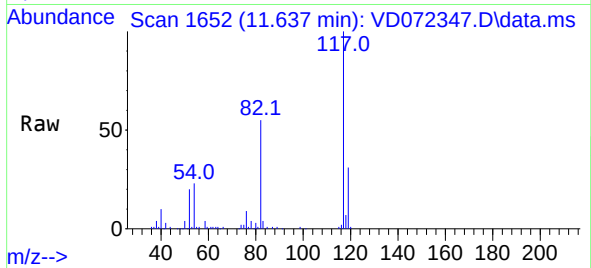




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

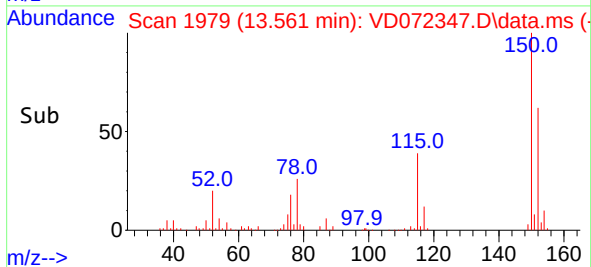
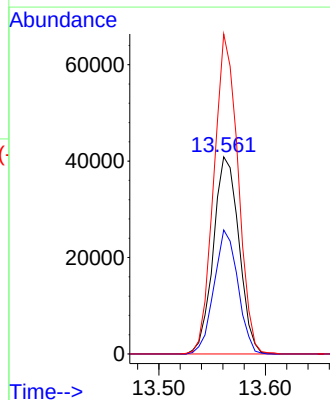
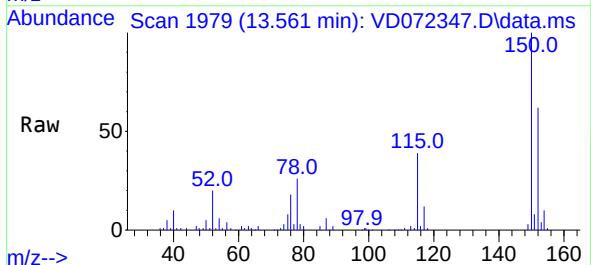
Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

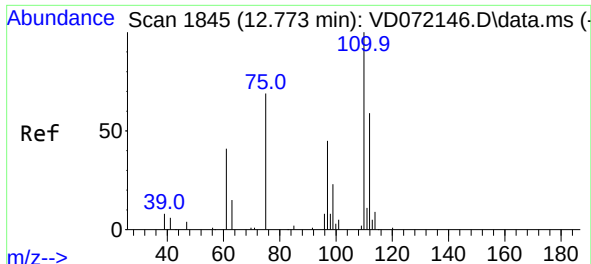
Tgt Ion:117 Resp: 132362
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion:152 Resp: 68203
Ion Ratio Lower Upper
152 100
115 58.8 31.3 93.8
150 153.4 0.0 348.6

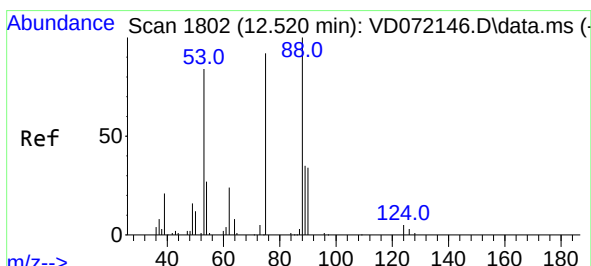
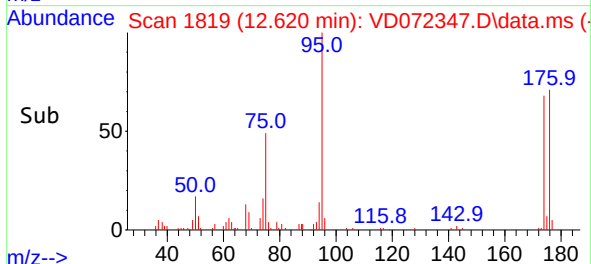
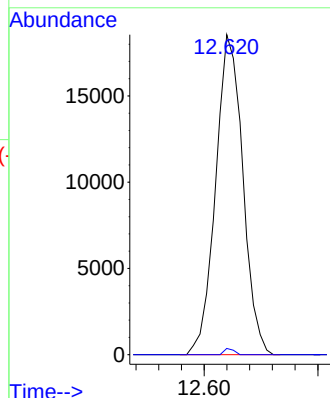
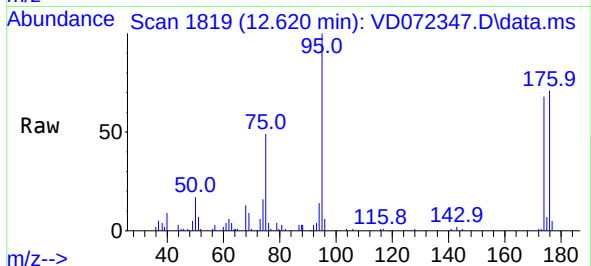




#76
1,2,3-Trichloropropane
Concen: 40.947 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Instrument :
MSVOA_D
ClientSampleId :
SB-06-4.5-5.0

Tgt Ion: 75 Resp: 30806
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.594 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072347.D
Acq: 21 Mar 2022 18:29

Tgt Ion: 75 Resp: 30806
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

