

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072209.D
 Acq On : 16 Mar 2022 01:44
 Operator : VA/SY
 Sample : N1922-02
 Misc : 5.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 7PH-2-8.5-9

Quant Time: Mar 16 03:45:11 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)

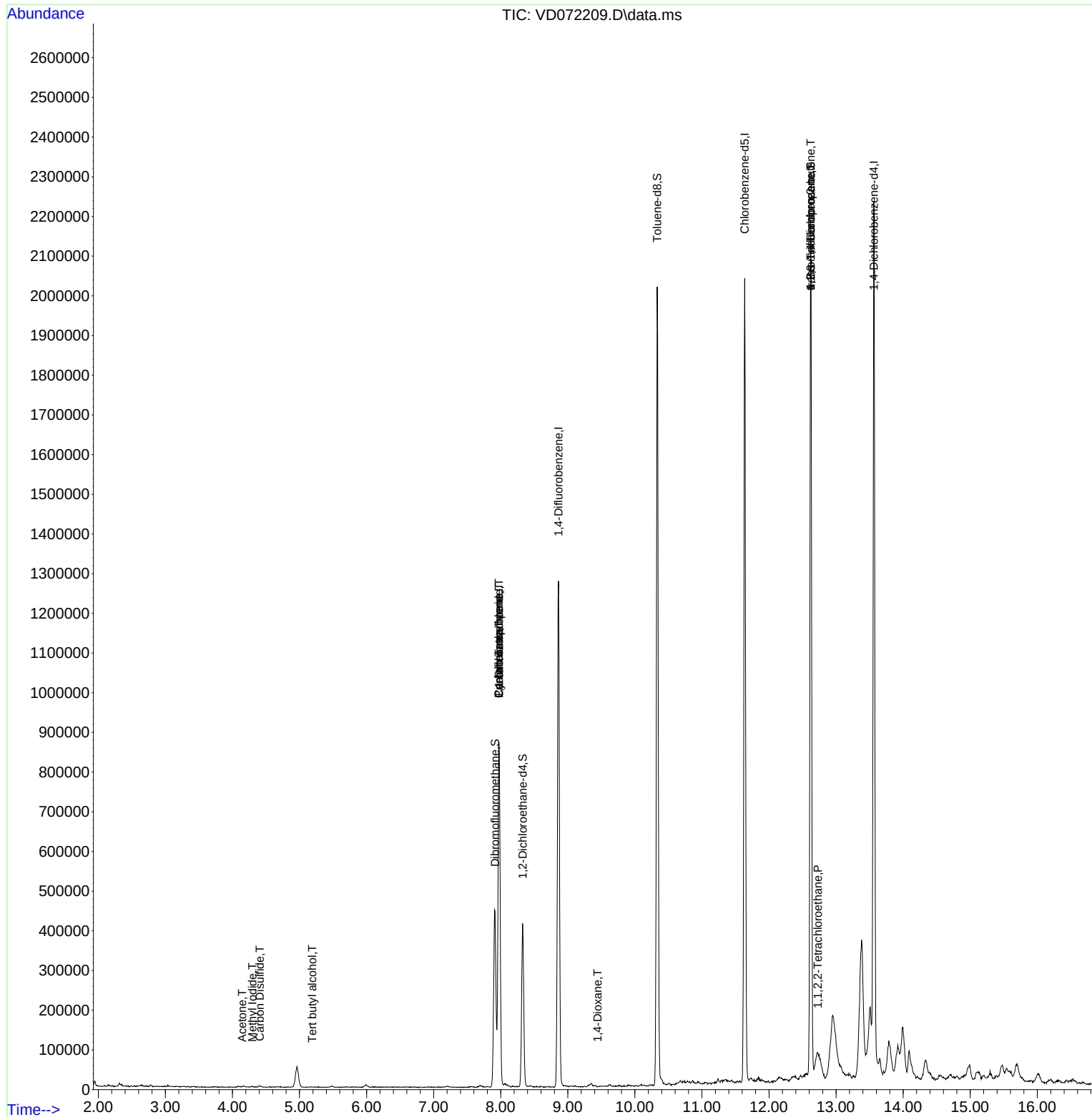
Internal Standards						
1) Pentafluorobenzene	7.973	168	639512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1091893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1163298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	594832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	320831	45.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.040%		
35) Dibromofluoromethane	7.914	113	328864	42.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.600%		
50) Toluene-d8	10.332	98	1356818	48.293	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.620	95	591791	54.210	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.420%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	2542	2.598	ug/l #	87
11) Tert butyl alcohol	5.191	59	549	1.329	ug/l #	74
16) Acetone	4.144	43	6246	4.036	ug/l #	79
17) Carbon Disulfide	4.409	76	5919	1.919	ug/l #	92
20) Methylene Chloride	4.962	84	39191	Below Cal	#	85
31) Cyclohexane	7.973	56	14941	1.342	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	52411	4.862	ug/l #	51
38) Carbon Tetrachloride	7.973	117	66760	5.448	ug/l #	17
49) 1,4-Dioxane	9.444	88	58	1.166	ug/l #	21
75) 1,1,2,2-Tetrachloroethane	12.726	83	20039	2.377	ug/l #	27
76) 1,2,3-Trichloropropane	12.620	75	304379	46.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	304379	115.095	ug/l #	8

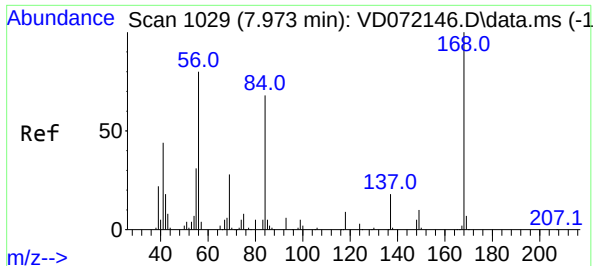
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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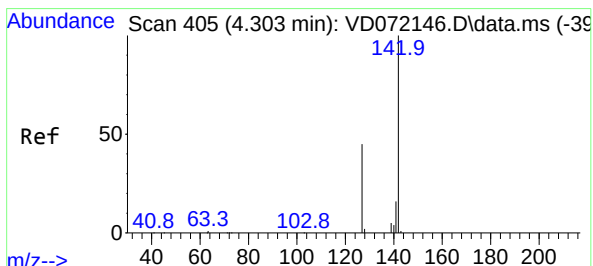
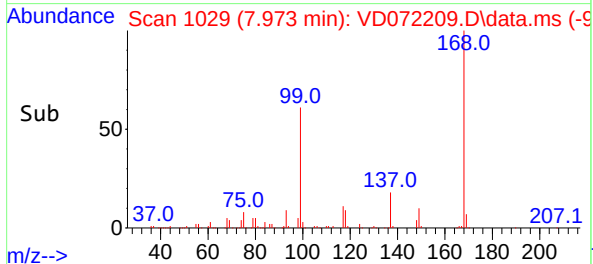
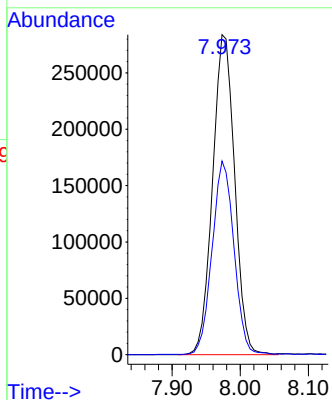
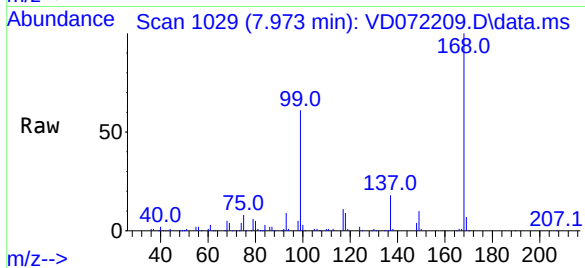




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

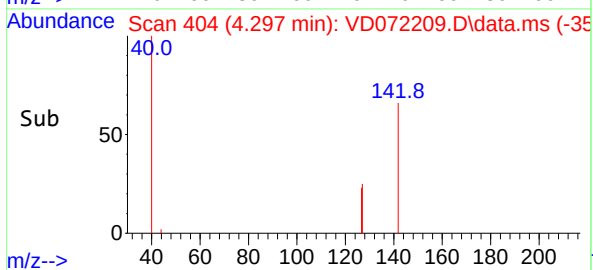
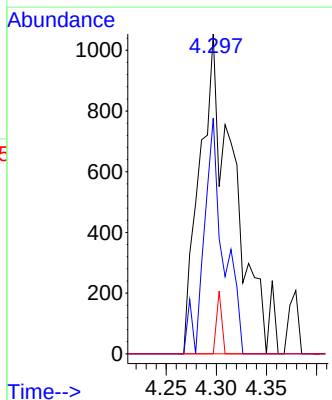
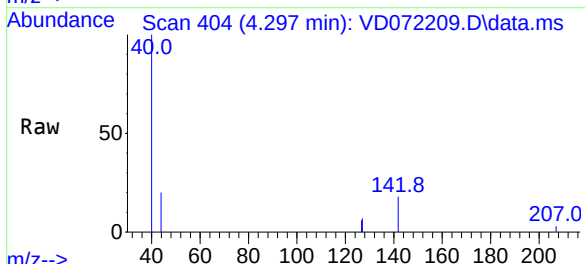
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

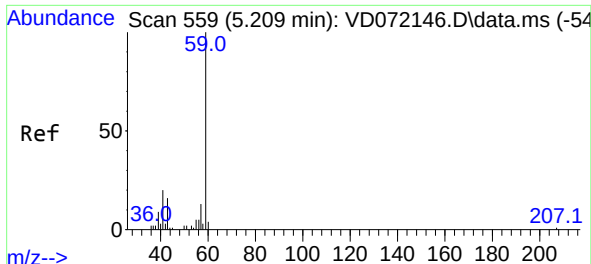
Tgt Ion:168 Resp: 639512
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.598 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion:142 Resp: 2542
Ion Ratio Lower Upper
142 100
127 41.6 37.3 55.9
141 2.9 11.7 17.5#





#11

Tert butyl alcohol

Concen: 1.329 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD072209.D

Acq: 16 Mar 2022 01:44

Instrument :

MSVOA_D

ClientSampleId :

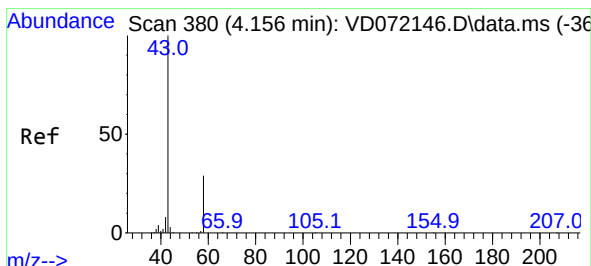
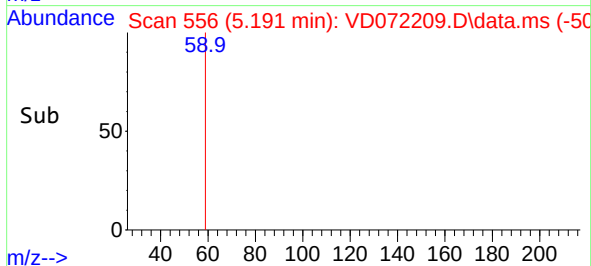
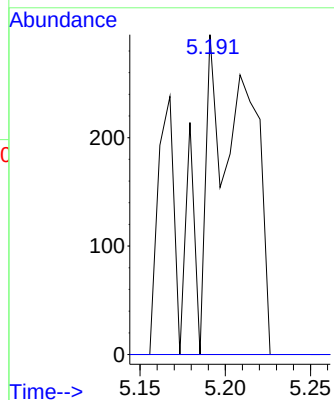
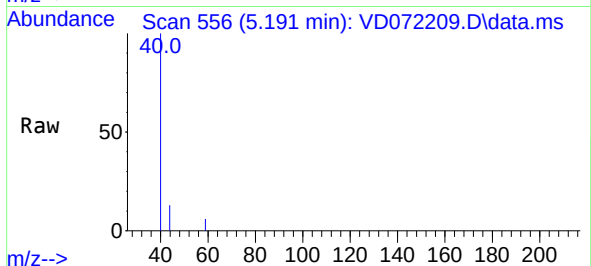
7PH-2-8.5-9

Tgt Ion: 59 Resp: 549

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 4.036 ug/l

RT: 4.144 min Scan# 378

Delta R.T. -0.012 min

Lab File: VD072209.D

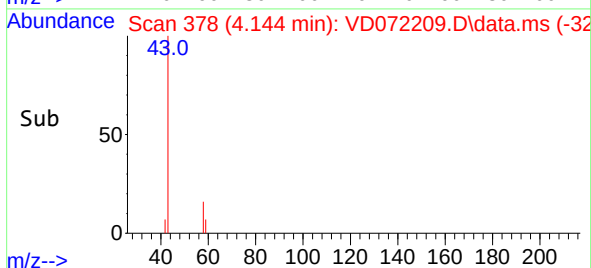
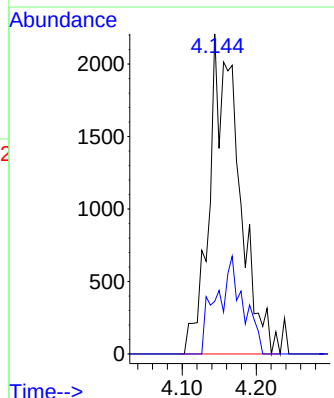
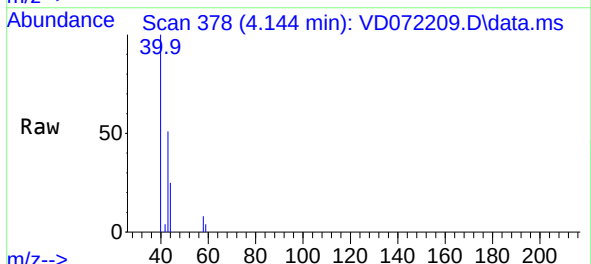
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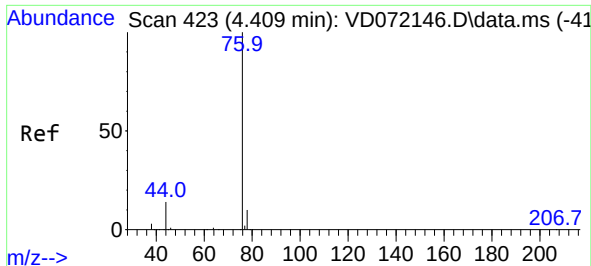
Tgt Ion: 43 Resp: 6246

Ion Ratio Lower Upper

43 100

58 16.4 22.1 33.1#

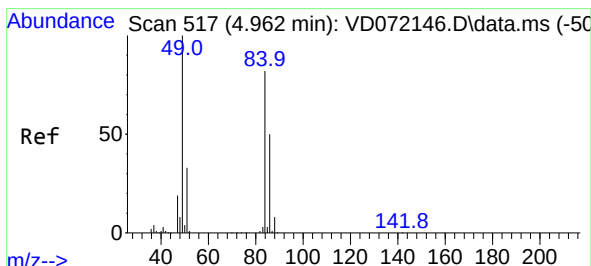
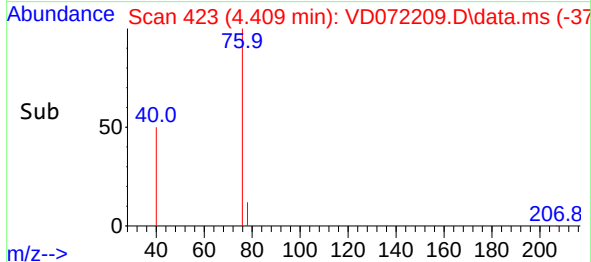
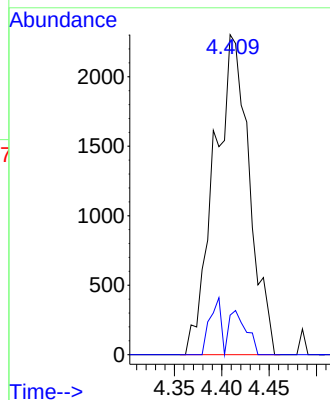
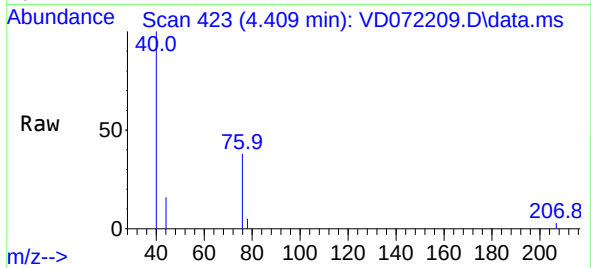




#17
Carbon Disulfide
Concen: 1.919 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

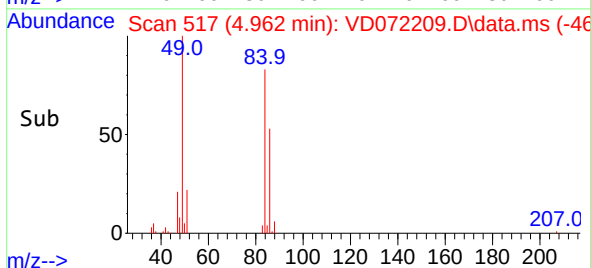
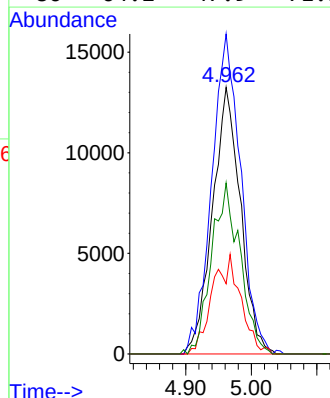
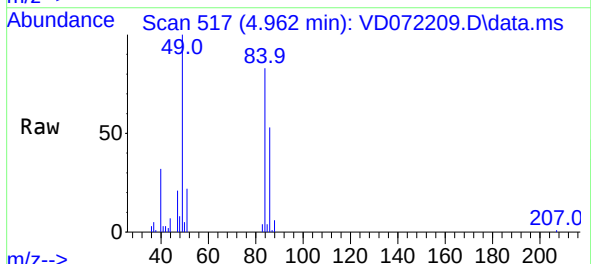
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

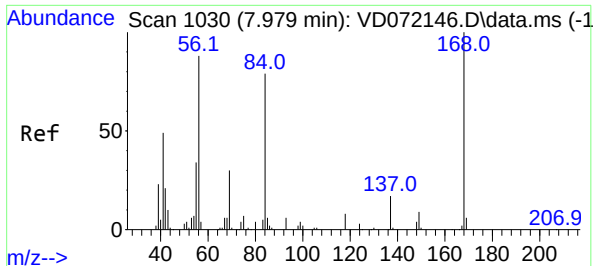
Tgt Ion: 76 Resp: 5919
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 84 Resp: 39191
Ion Ratio Lower Upper
84 100
49 120.0 112.8 169.2
51 26.4 32.6 48.8#
86 64.2 47.9 71.9

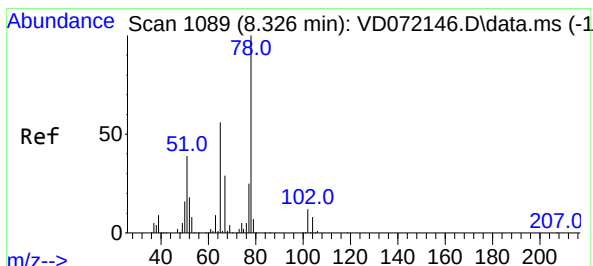
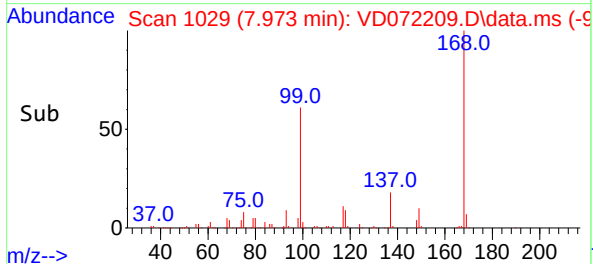
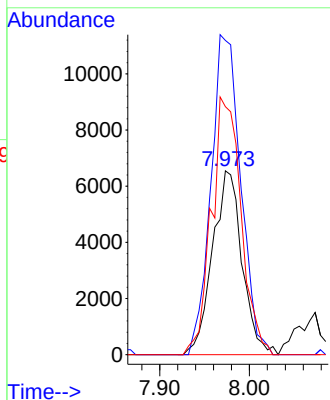
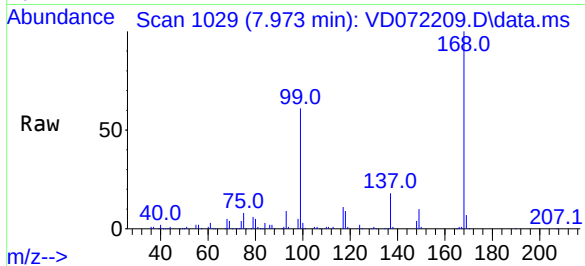




#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

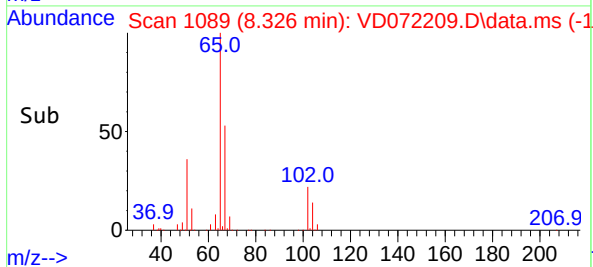
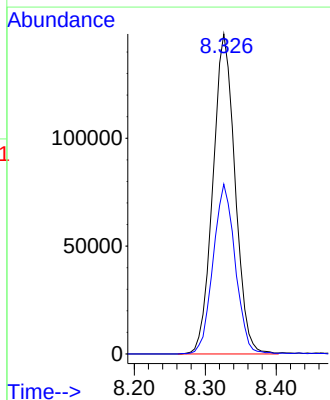
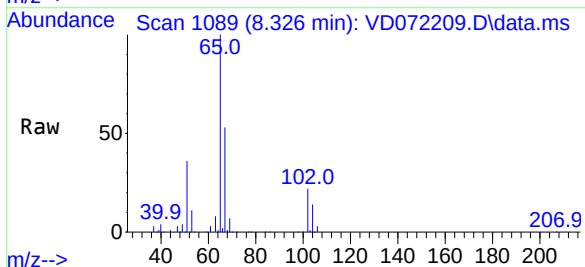
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

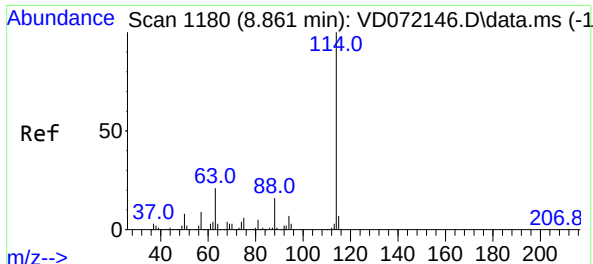
Tgt Ion: 56 Resp: 14941
Ion Ratio Lower Upper
56 100
69 170.9 25.4 38.2#
84 134.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.016 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 65 Resp: 320831
Ion Ratio Lower Upper
65 100
67 53.1 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: VD072209.D

Acq: 16 Mar 2022 01:44

Instrument :

MSVOA_D

ClientSampleId :

7PH-2-8.5-9

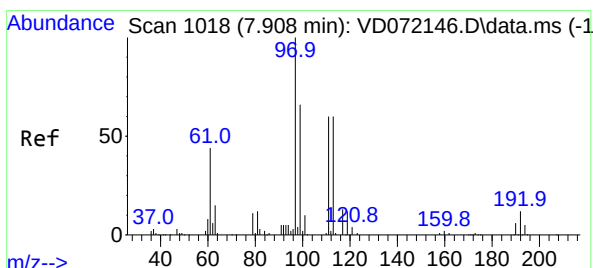
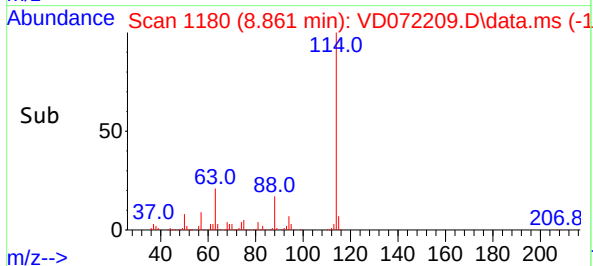
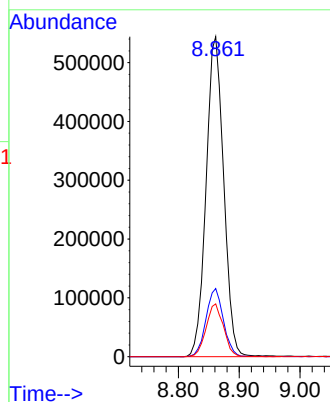
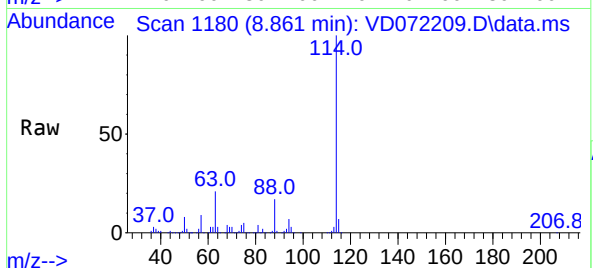
Tgt Ion:114 Resp: 1091893

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.800 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072209.D

Acq: 16 Mar 2022 01:44

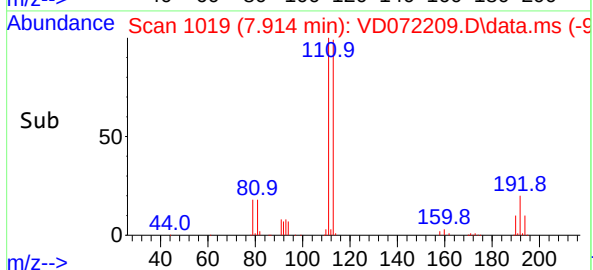
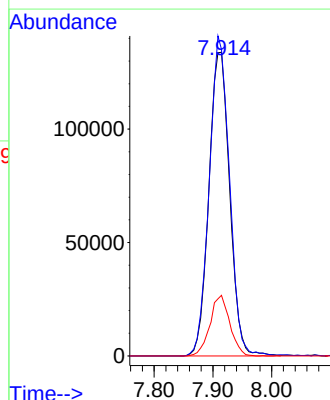
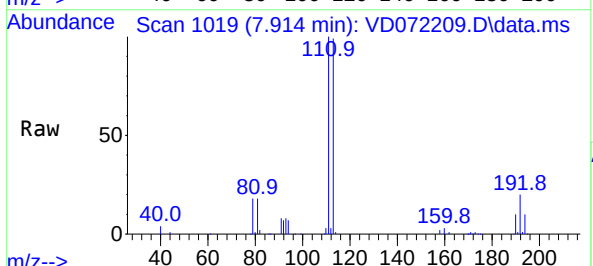
Tgt Ion:113 Resp: 328864

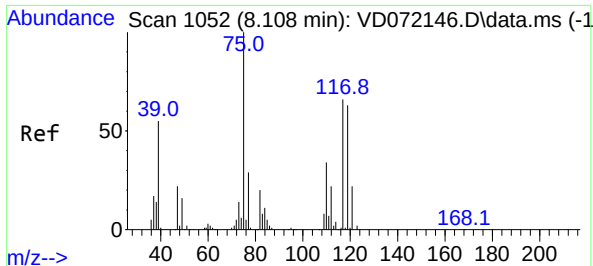
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.862 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072209.D

Acq: 16 Mar 2022 01:44

Instrument :

MSVOA_D

ClientSampleId :

7PH-2-8.5-9

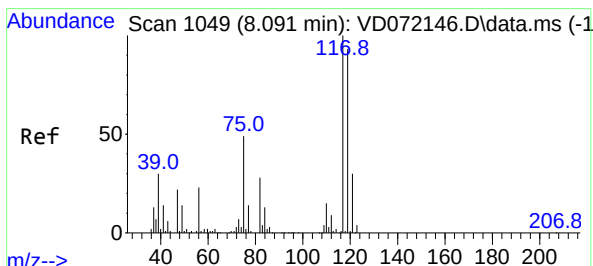
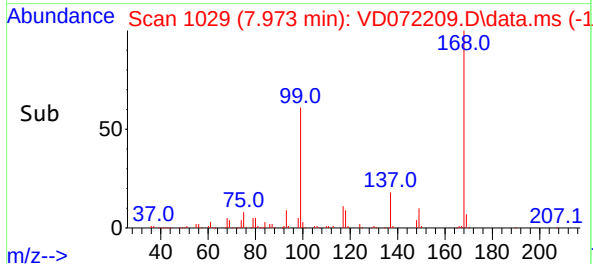
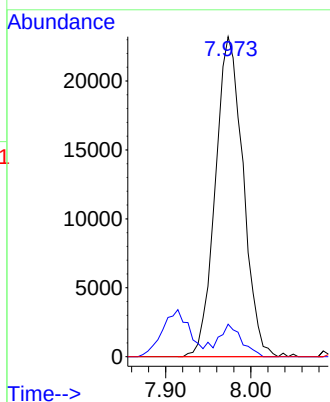
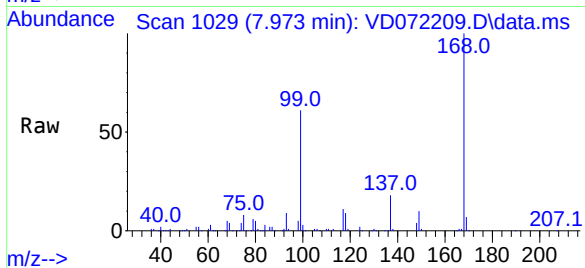
Tgt Ion: 75 Resp: 52411

Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.448 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072209.D

Acq: 16 Mar 2022 01:44

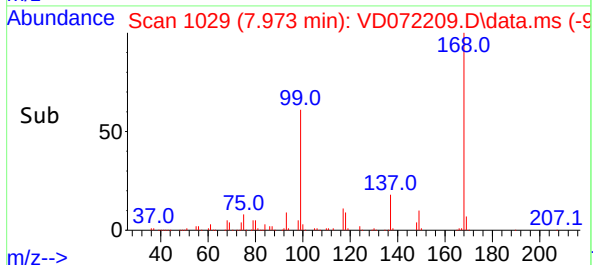
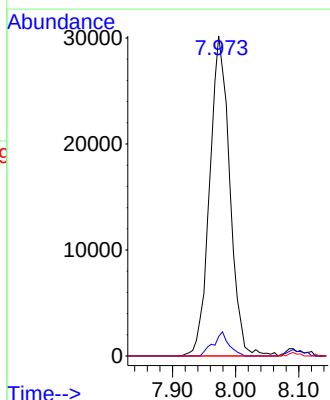
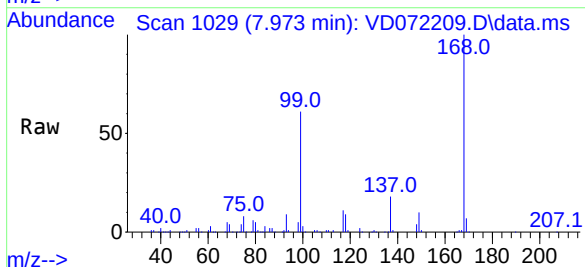
Tgt Ion: 117 Resp: 66760

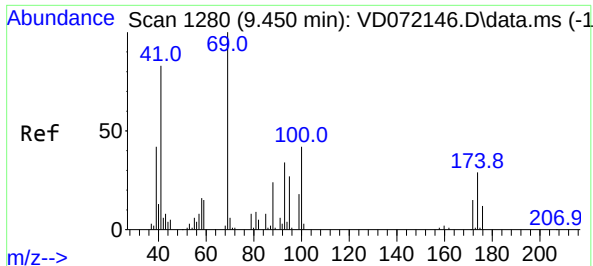
Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

121 0.0 24.5 36.7#

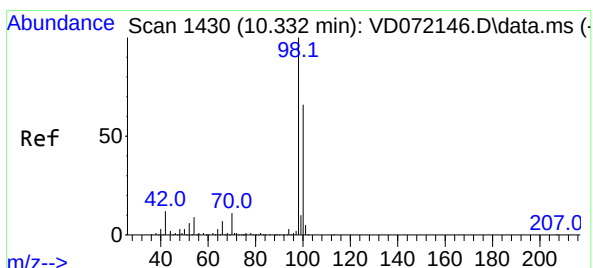
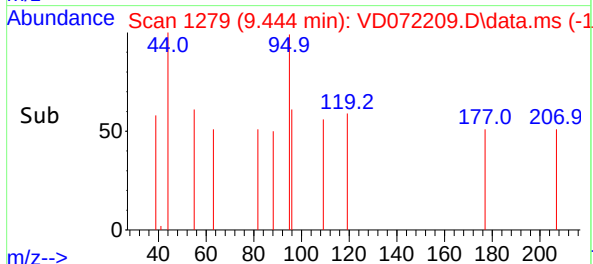
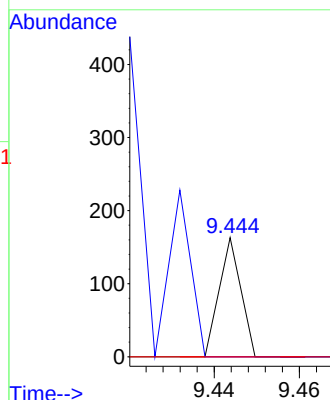
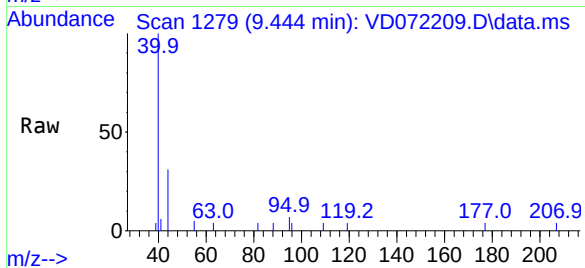




#49
1,4-Dioxane
Concen: 1.166 ug/l
RT: 9.444 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

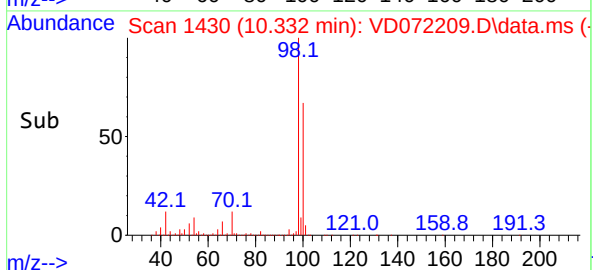
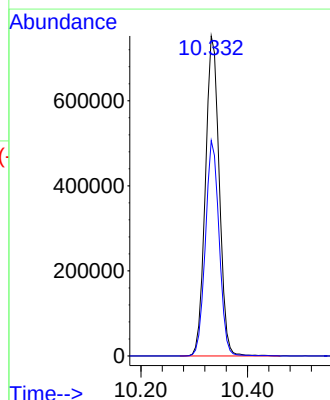
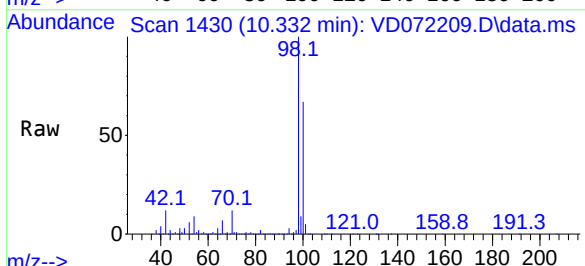
Instrument :
MSVOA_D
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7PH-2-8.5-9

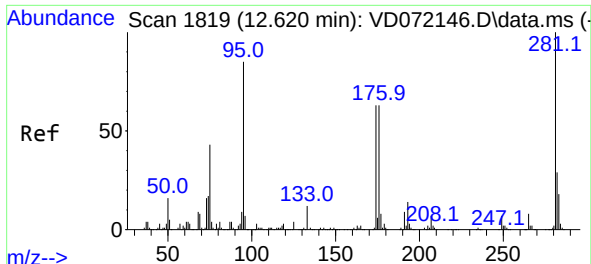
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 98 Resp: 1356818
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

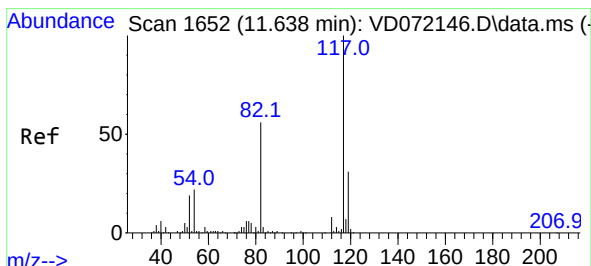
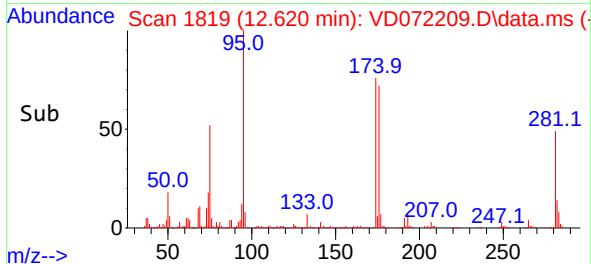
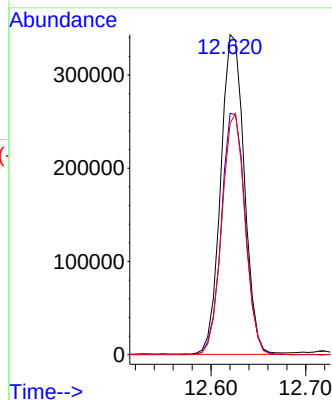
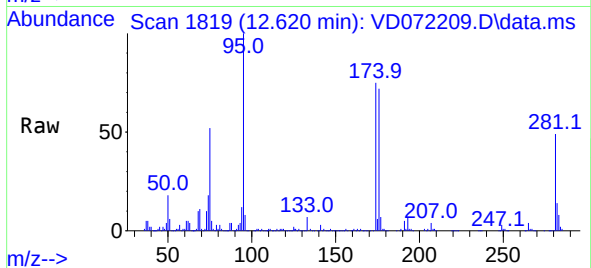




#62
4-Bromofluorobenzene
Concen: 54.210 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

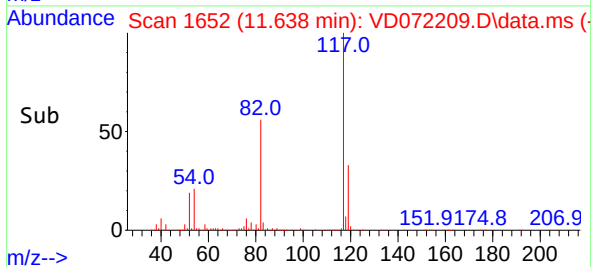
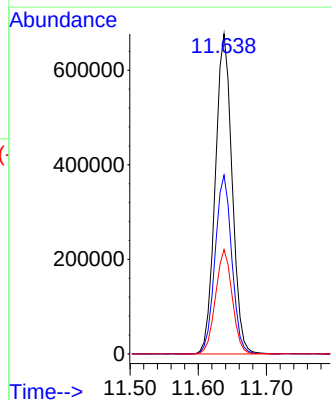
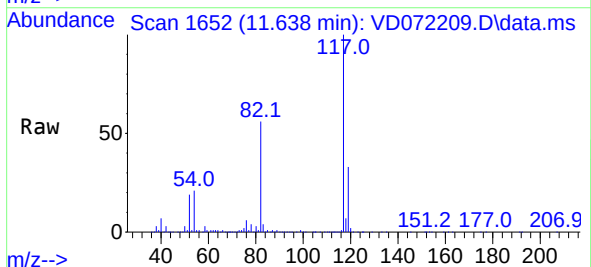
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

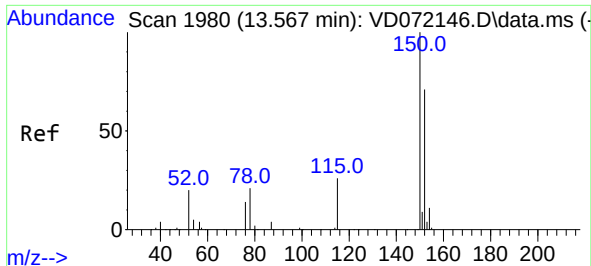
Tgt Ion: 95 Resp: 591791
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 117 Resp: 1163298
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 32.6 26.6 40.0

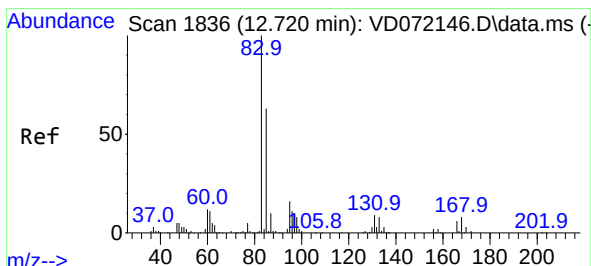
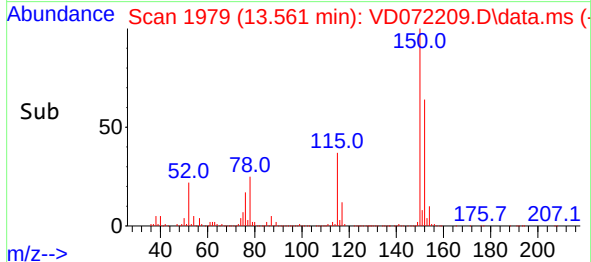
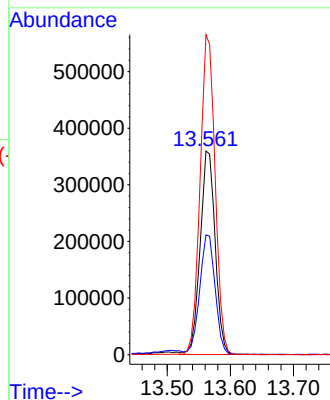
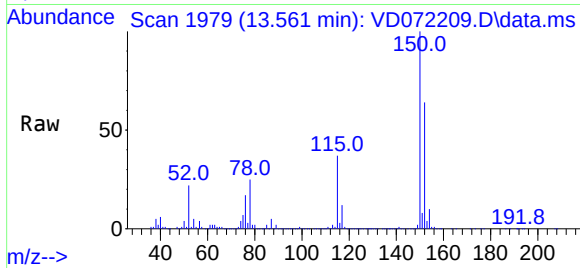




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

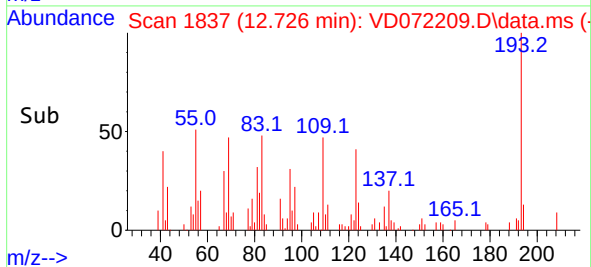
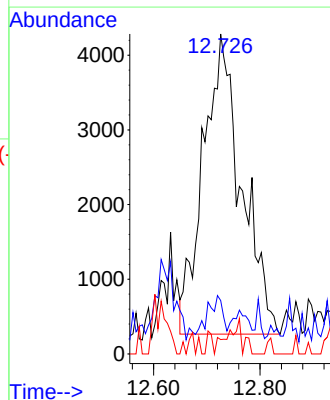
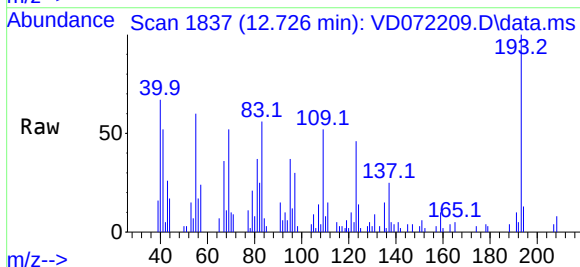
Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

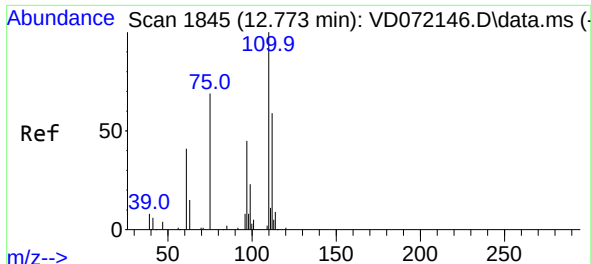
Tgt Ion:152 Resp: 594832
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 157.1 0.0 348.6



#75
1,1,2,2-Tetrachloroethane
Concen: 2.377 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 83 Resp: 20039
Ion Ratio Lower Upper
83 100
131 7.2 5.0 14.9
85 0.0 32.6 98.0#

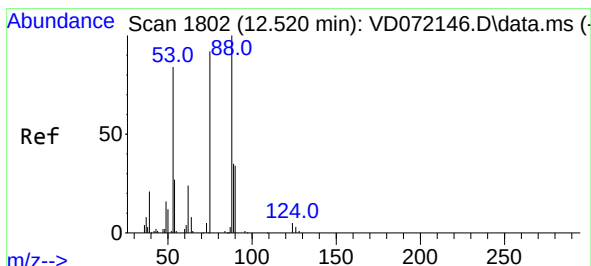
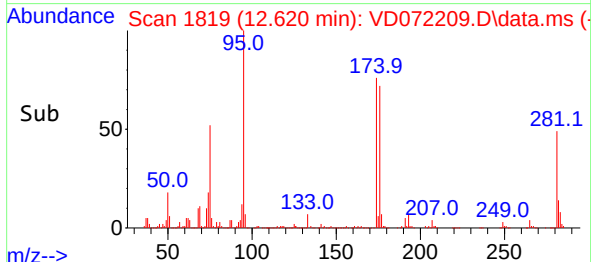
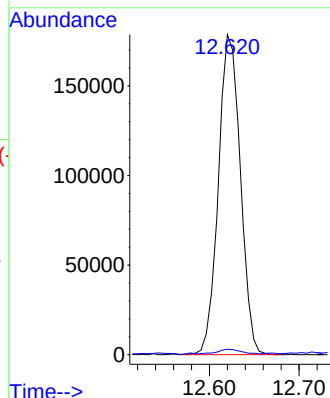
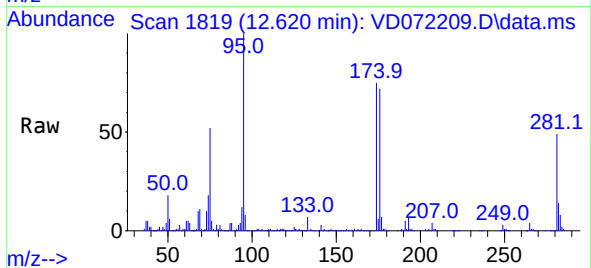




#76
1,2,3-Trichloropropane
Concen: 46.388 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Instrument :
MSVOA_D
ClientSampleId :
7PH-2-8.5-9

Tgt Ion: 75 Resp: 304379
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.095 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072209.D
Acq: 16 Mar 2022 01:44

Tgt Ion: 75 Resp: 304379
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 1.0 33.9 50.9#

