

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072387.D
 Acq On : 23 Mar 2022 16:44
 Operator : VA/SY
 Sample : N2063-07
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:53:25 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)

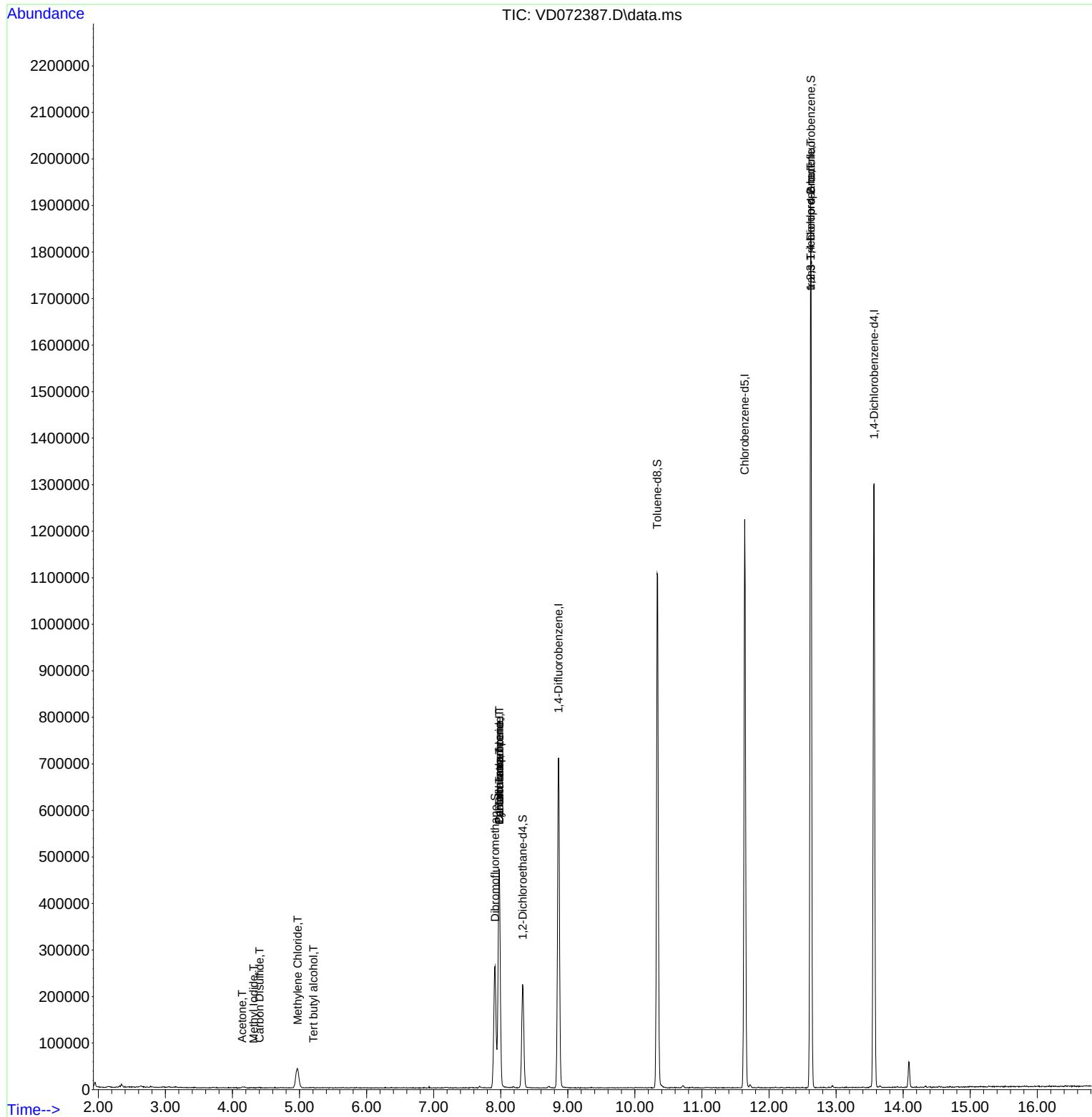
Internal Standards						
1) Pentafluorobenzene	7.979	168	342140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	683255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	345822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176862	46.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.914	113	190369	45.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.660%
50) Toluene-d8	10.332	98	757654	49.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.626	95	357853	59.980	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	409	2.338	ug/l #	54
11) Tert butyl alcohol	5.209	59	389	1.760	ug/l #	74
16) Acetone	4.144	43	1881	2.272	ug/l #	86
17) Carbon Disulfide	4.403	76	540	1.572	ug/l #	74
20) Methylene Chloride	4.973	84	33008	1.871	ug/l	91
31) Cyclohexane	7.979	56	8924	1.498	ug/l #	16
36) 1,1-Dichloropropene	7.979	75	30087	5.107	ug/l #	50
38) Carbon Tetrachloride	7.979	117	36796	5.495	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	193731	50.785	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	193731	126.003	ug/l #	8

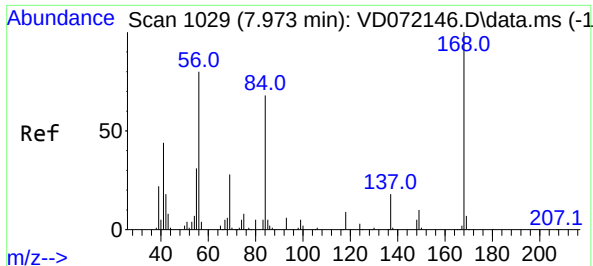
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072387\
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Quant Time: Mar 24 00:53:25 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

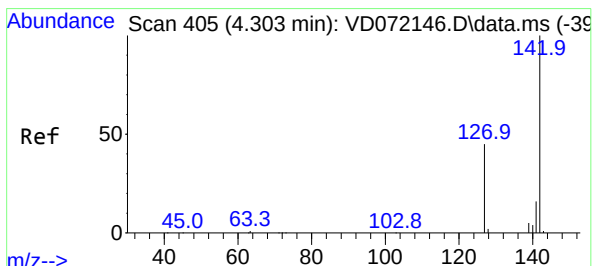
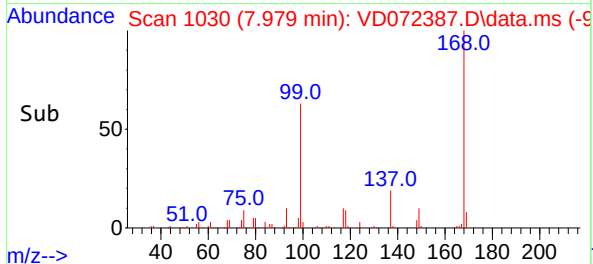
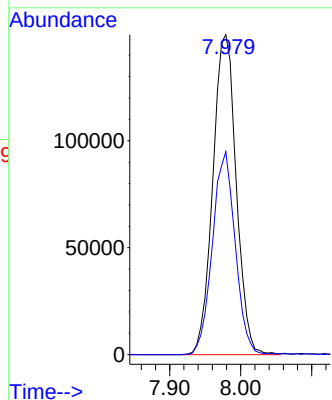
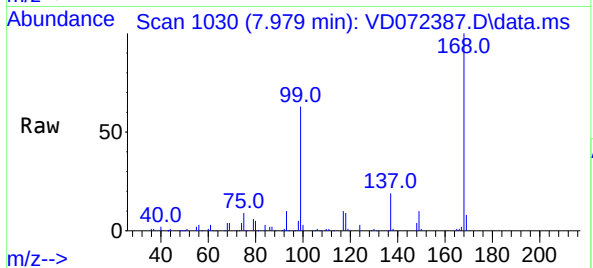




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

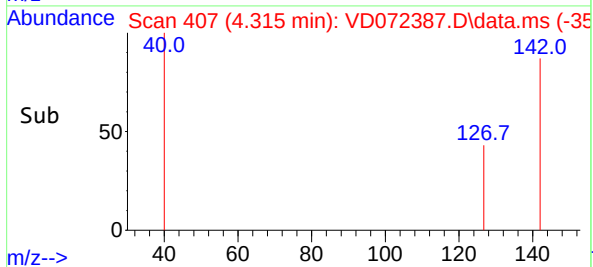
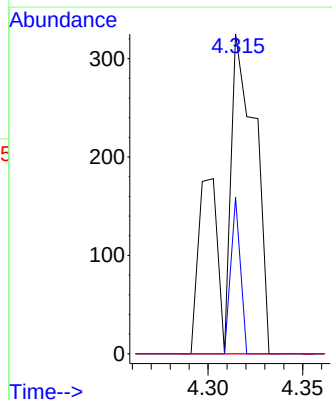
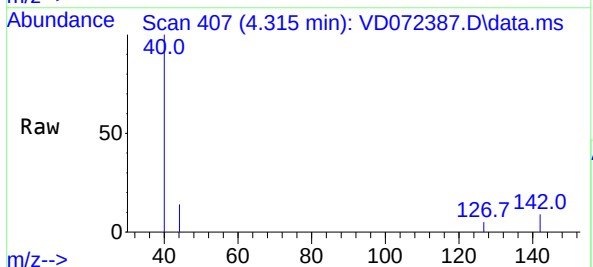
Instrument :
MSVOA_D
ClientSampleId :

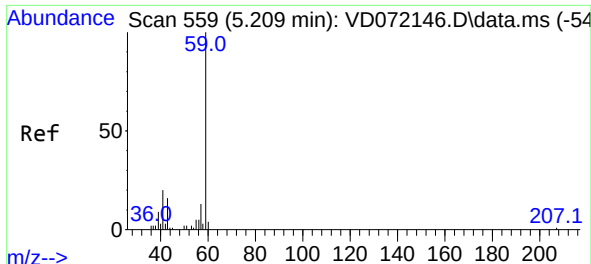
Tgt Ion:168 Resp: 342140
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.338 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

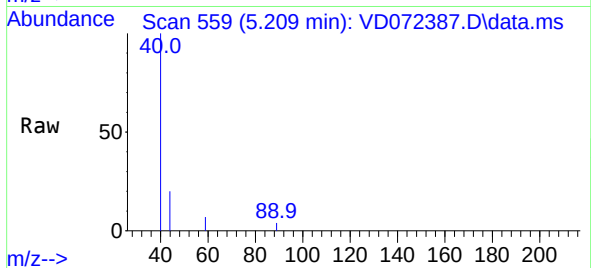
Tgt Ion:142 Resp: 409
Ion Ratio Lower Upper
142 100
127 13.7 37.3 55.9#
141 0.0 11.7 17.5#



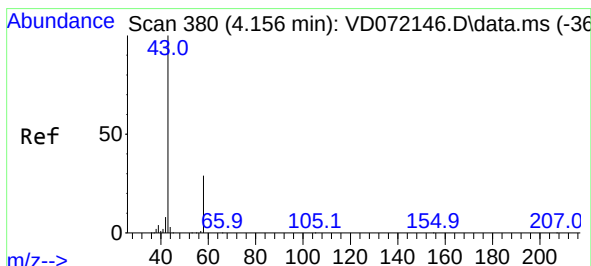
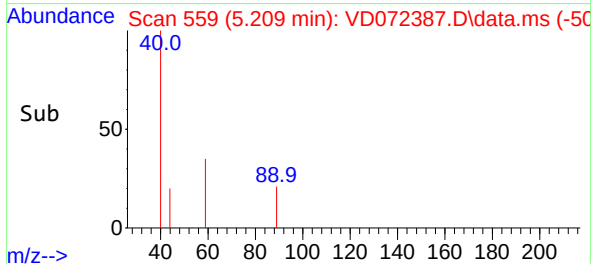
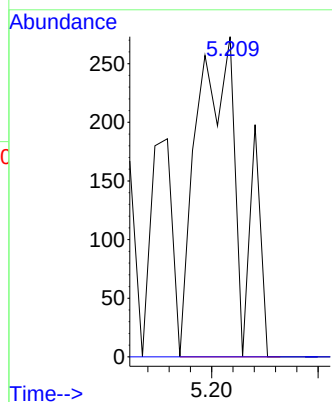


#11
Tert butyl alcohol
Concen: 1.760 ug/l
RT: 5.209 min Scan# 511
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Instrument :
MSVOA_D
ClientSampleId :

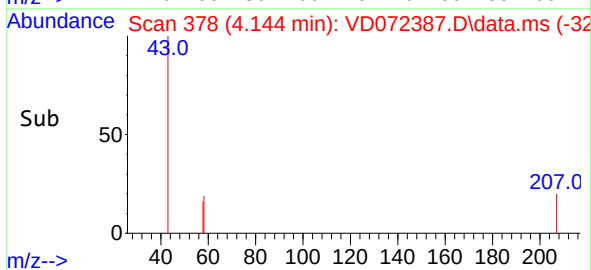
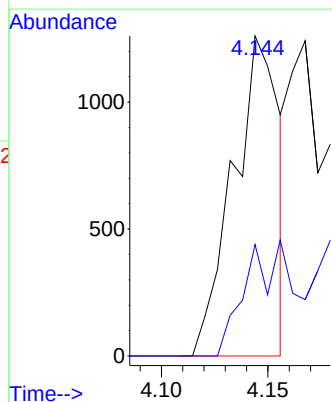
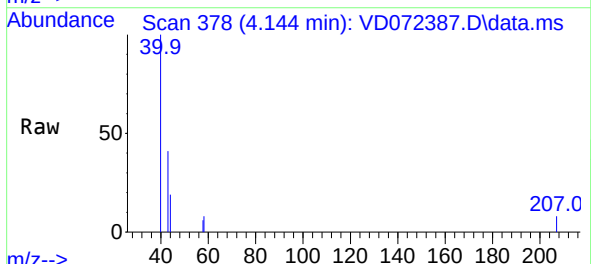


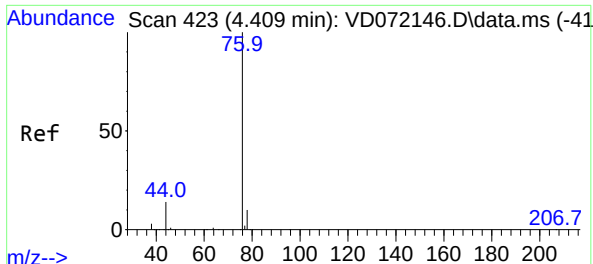
Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.272 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#

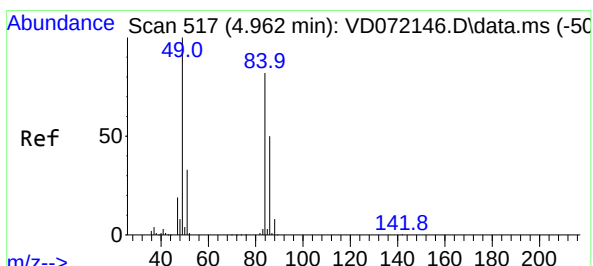
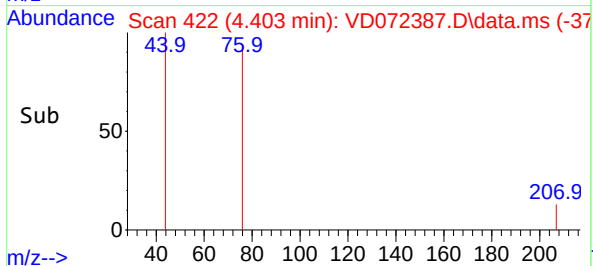
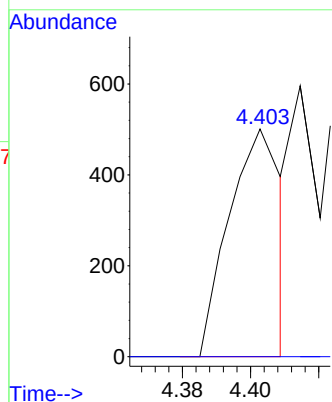
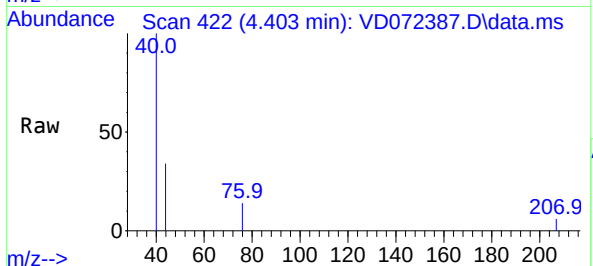




#17
Carbon Disulfide
Concen: 1.572 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

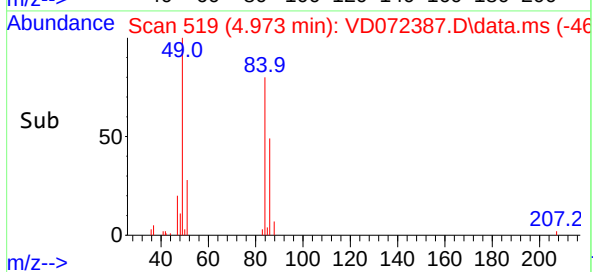
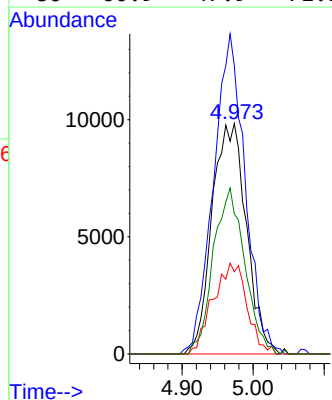
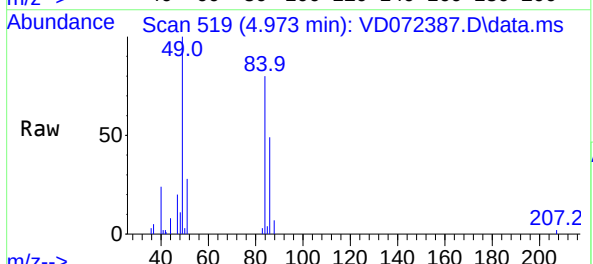
Instrument :
MSVOA_D
ClientSampleId :

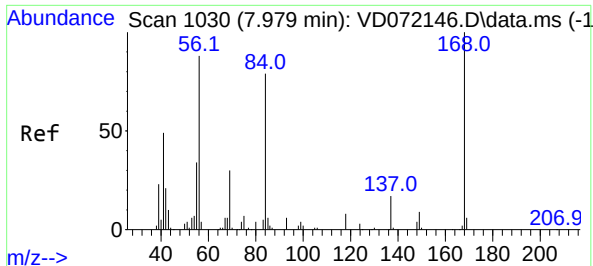
Tgt Ion: 76 Resp: 540
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 1.871 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion: 84 Resp: 33008
Ion Ratio Lower Upper
84 100
49 125.2 112.8 169.2
51 35.7 32.6 48.8
86 60.9 47.9 71.9





#31

Cyclohexane

Concen: 1.498 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

Instrument :

MSVOA_D

ClientSampleId :

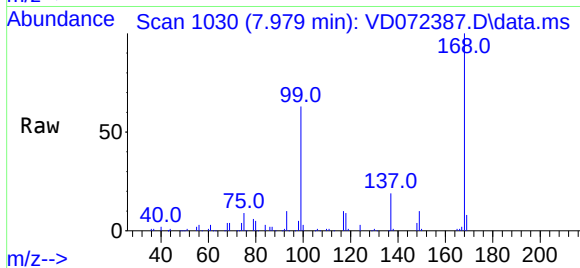
Tgt Ion: 56 Resp: 8924

Ion Ratio Lower Upper

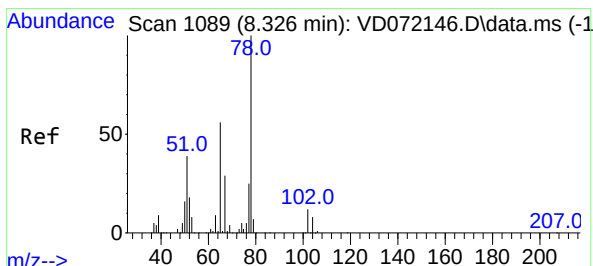
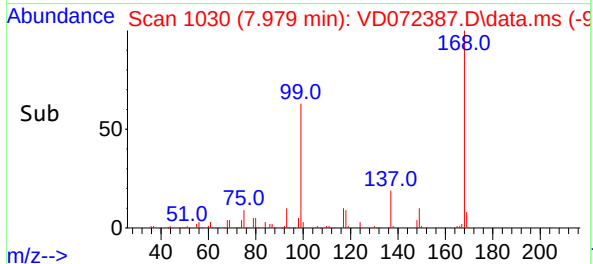
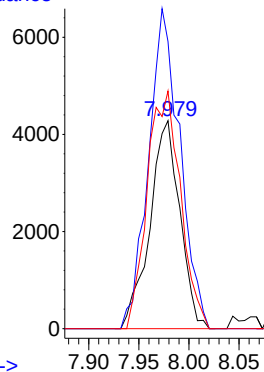
56 100

69 138.1 25.4 38.2#

84 114.2 63.0 94.4#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072387.D

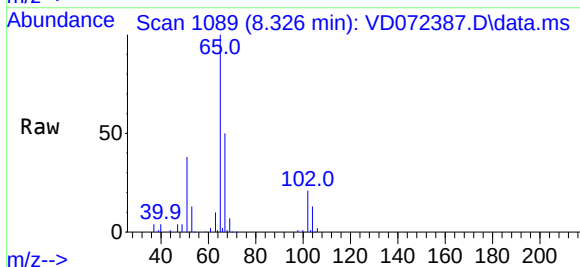
Acq: 23 Mar 2022 16:44

Tgt Ion: 65 Resp: 176862

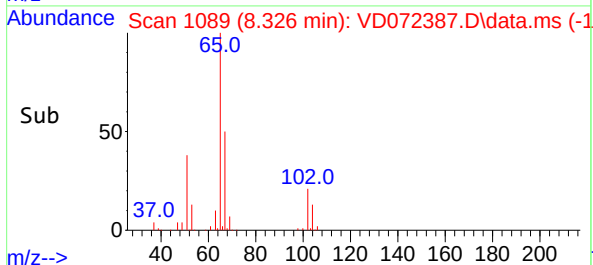
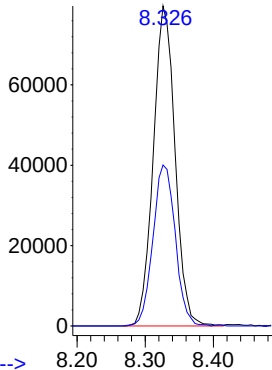
Ion Ratio Lower Upper

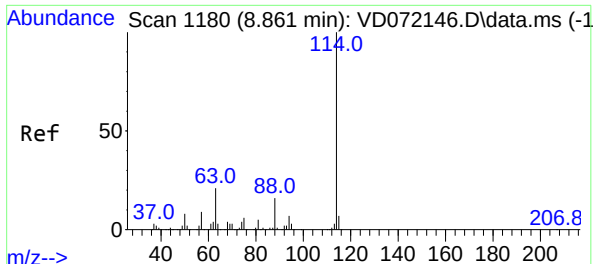
65 100

67 51.7 0.0 101.4



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

Instrument :

MSVOA_D

ClientSampleId :

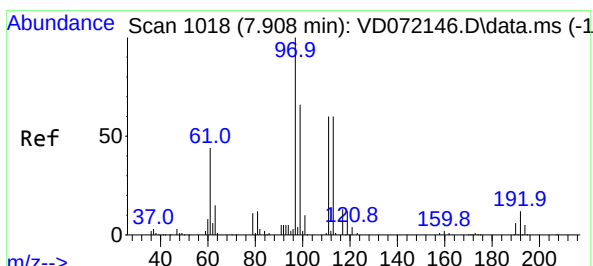
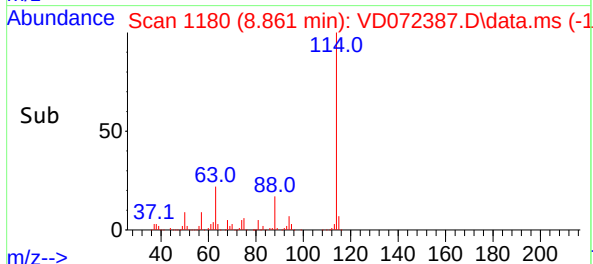
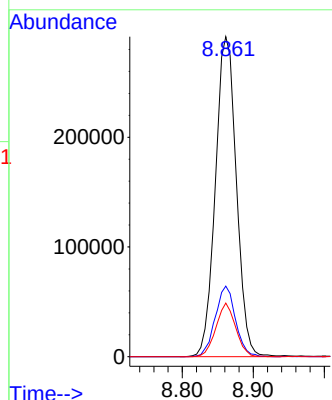
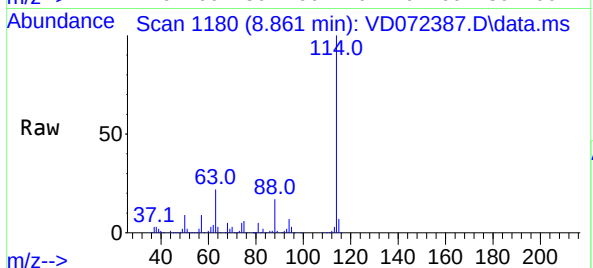
Tgt Ion:114 Resp: 596746

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.333 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

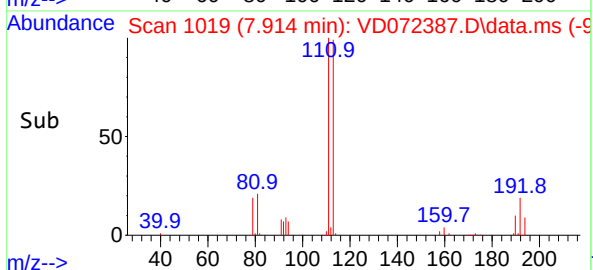
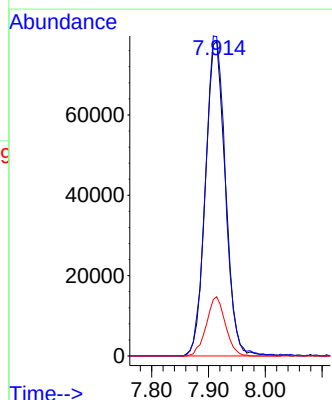
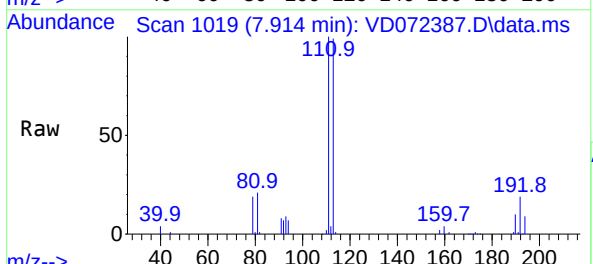
Tgt Ion:113 Resp: 190369

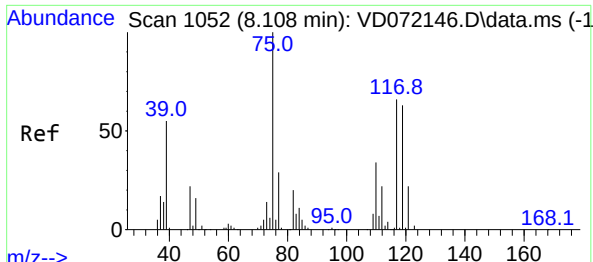
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.107 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

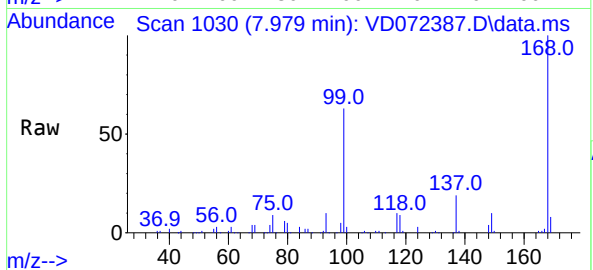
Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

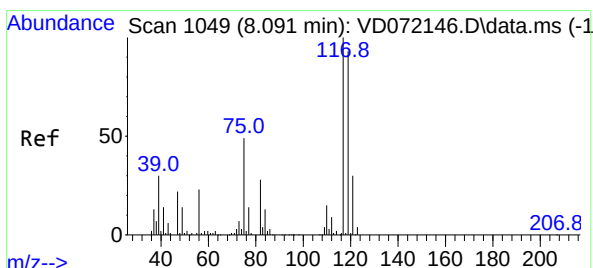
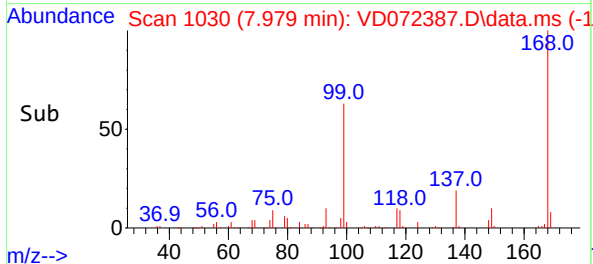
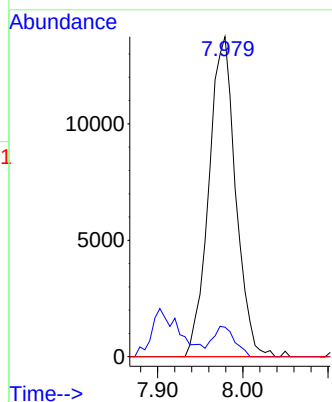
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	30087
Ion Ratio	Lower	Upper	
75	100		
110	7.7	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.495 ug/l

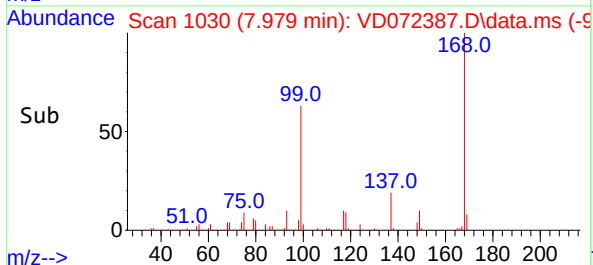
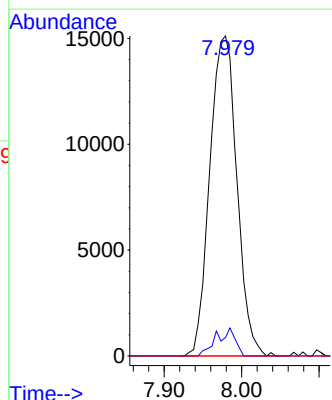
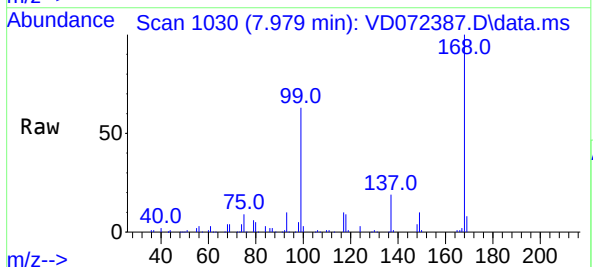
RT: 7.979 min Scan# 1030

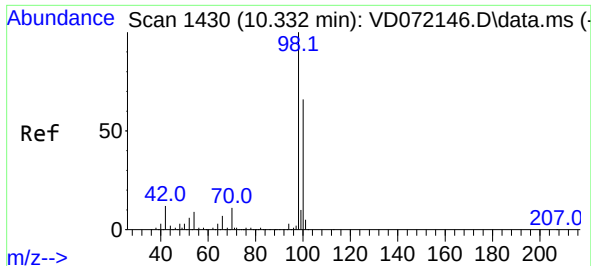
Delta R.T. -0.112 min

Lab File: VD072387.D

Acq: 23 Mar 2022 16:44

Tgt Ion:	117	Resp:	36796
Ion Ratio	Lower	Upper	
117	100		
119	5.7	75.8	113.6#
121	0.0	24.5	36.7#

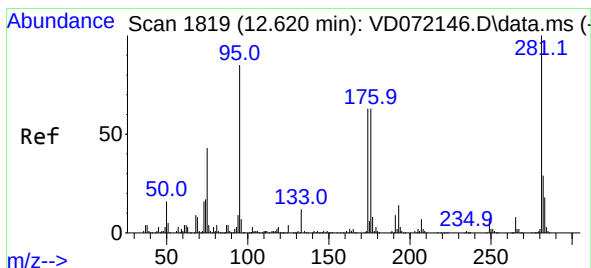
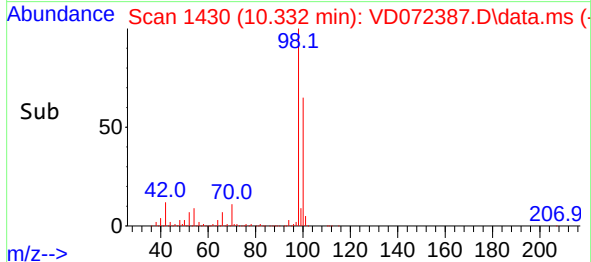
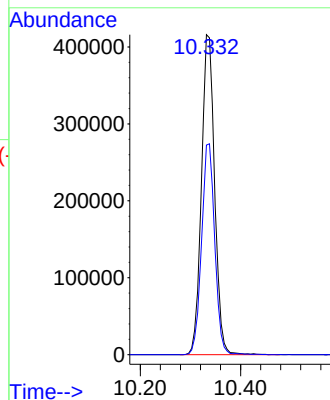
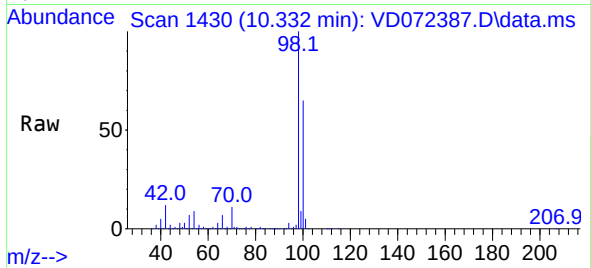




#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

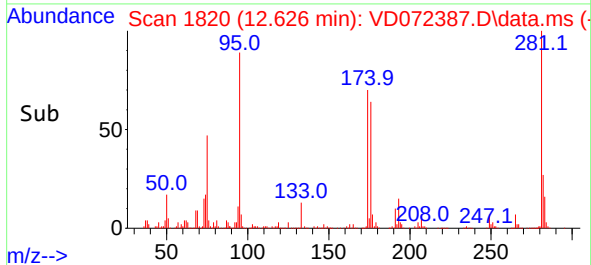
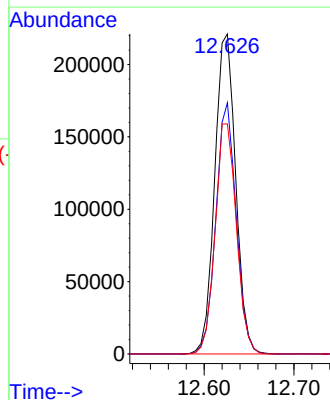
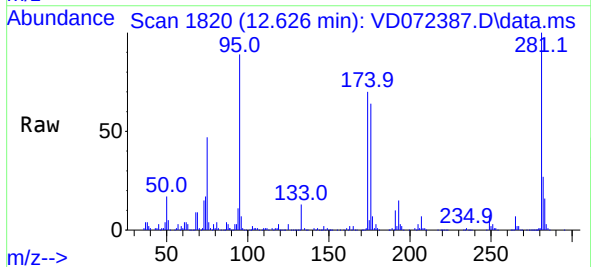
Instrument :
MSVOA_D
ClientSampleId :

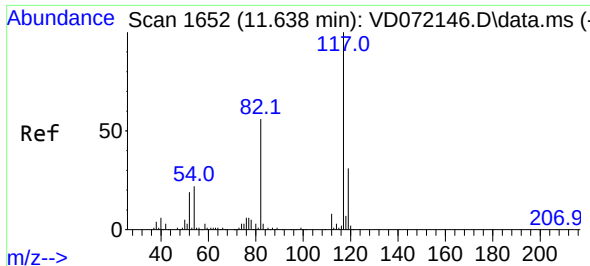
Tgt Ion: 98 Resp: 757654
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 59.980 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

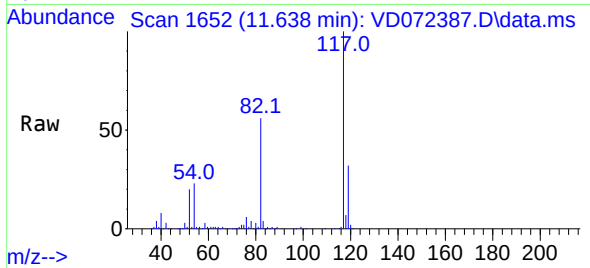
Tgt Ion: 95 Resp: 357853
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.0 0.0 145.4



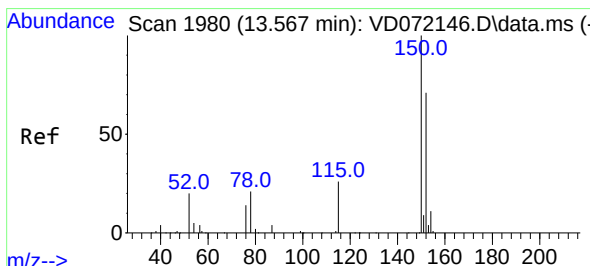
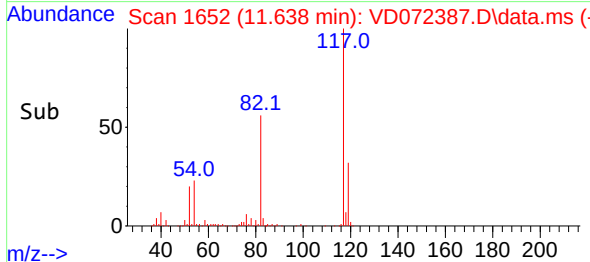
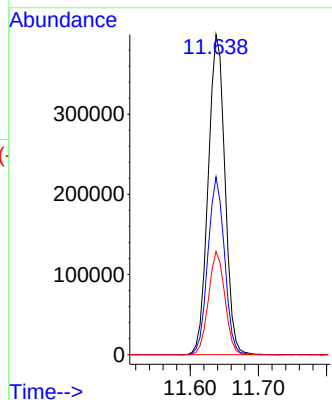


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Instrument :
MSVOA_D
ClientSampleId :

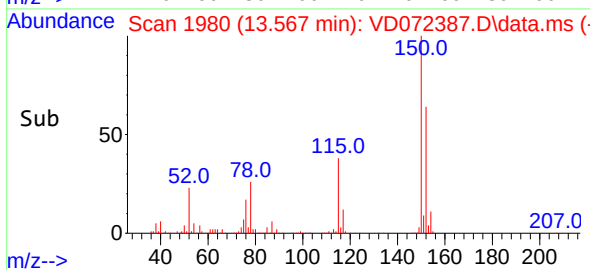
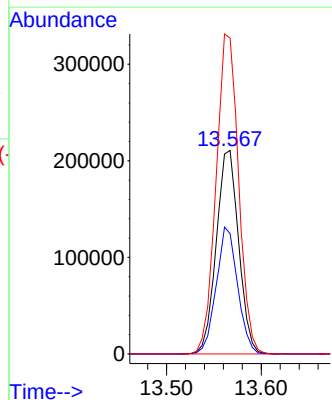
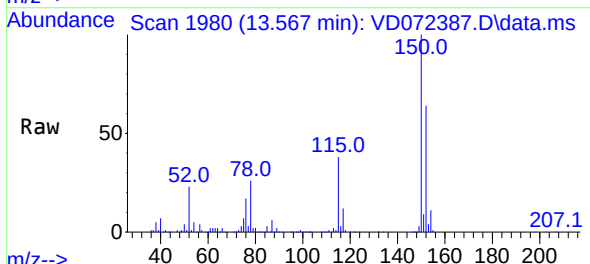


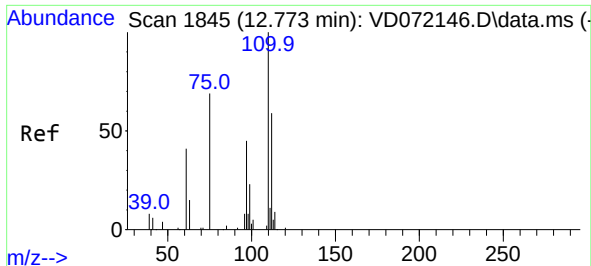
Tgt Ion:117 Resp: 683255
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion:152 Resp: 345822
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 158.0 0.0 348.6

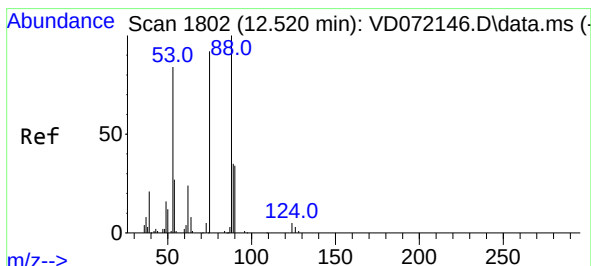
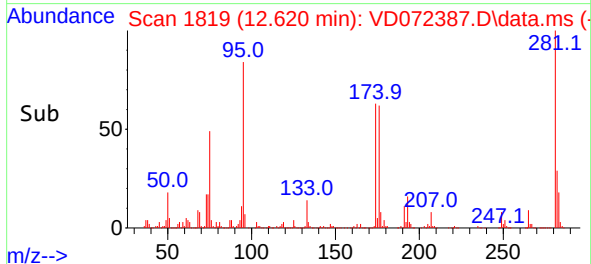
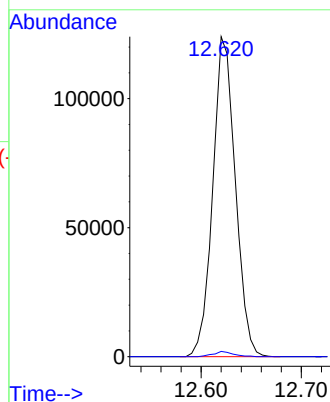
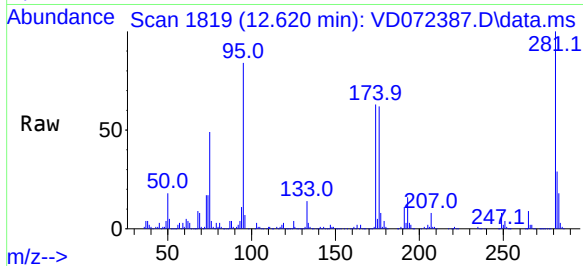




#76
1,2,3-Trichloropropane
Concen: 50.785 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 193731
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.003 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072387.D
Acq: 23 Mar 2022 16:44

Tgt Ion: 75 Resp: 193731
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.8 33.9 50.9#

