

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072233.D
 Acq On : 16 Mar 2022 22:16
 Operator : VA/SY
 Sample : N1894-05
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5(0-5)

Quant Time: Mar 17 02:29:56 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)

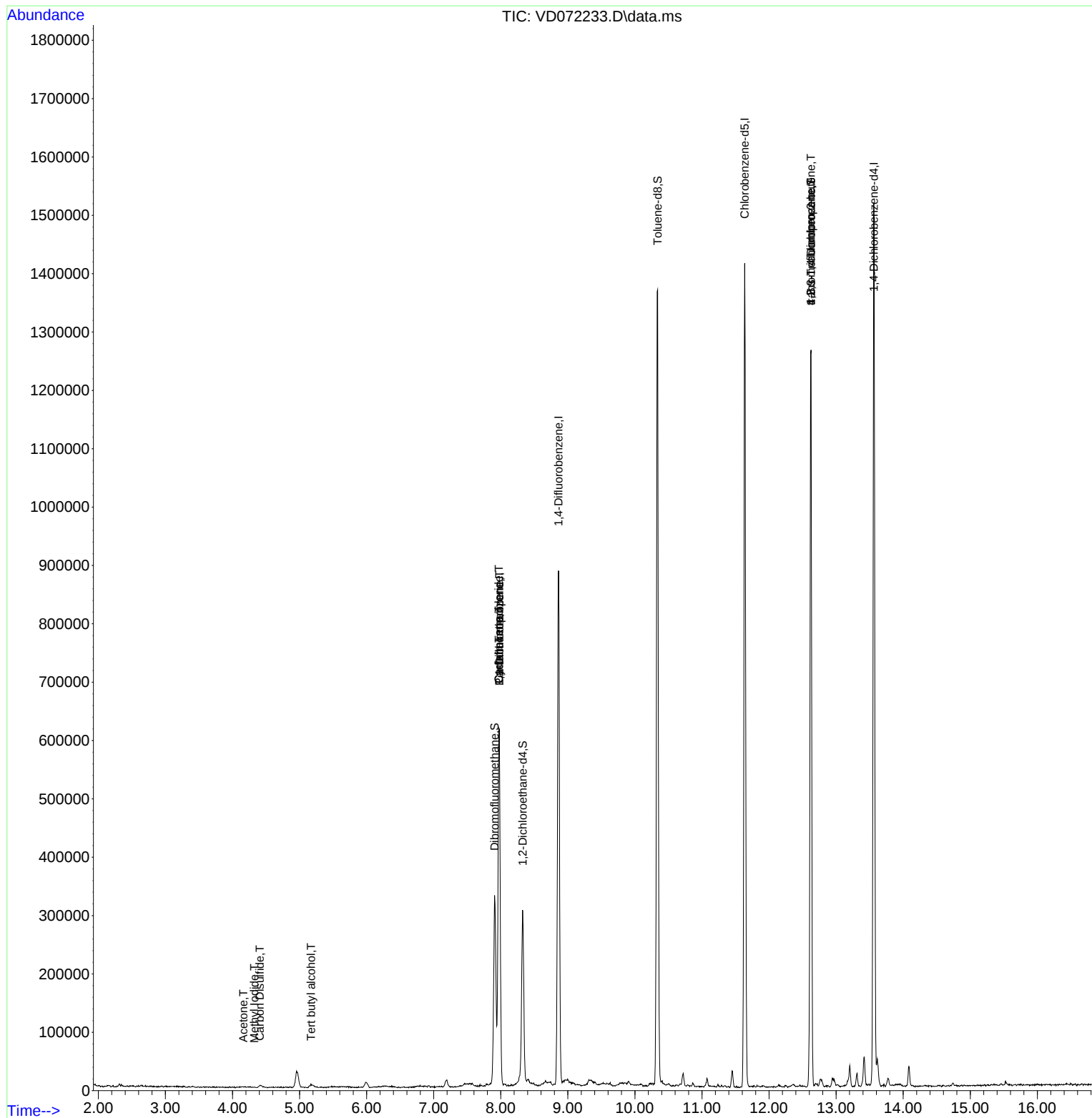
Internal Standards						
1) Pentafluorobenzene	7.979	168	457443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	759065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	817526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	404365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226023	44.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.680%
35) Dibromofluoromethane	7.908	113	236948	44.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.337	98	940384	48.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.626	95	398242	52.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.960%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.326	142	82	2.244	ug/l #	33
11) Tert butyl alcohol	5.173	59	2170	7.341	ug/l #	74
16) Acetone	4.161	43	2544	2.298	ug/l	91
17) Carbon Disulfide	4.408	76	5150	2.010	ug/l	96
20) Methylene Chloride	4.949	84	21290	Below Cal	#	79
31) Cyclohexane	7.973	56	10784	1.354	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	37305	4.978	ug/l #	51
38) Carbon Tetrachloride	7.973	117	47572	5.585	ug/l #	20
76) 1,2,3-Trichloropropane	12.626	75	206153	46.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	206153	114.670	ug/l #	7

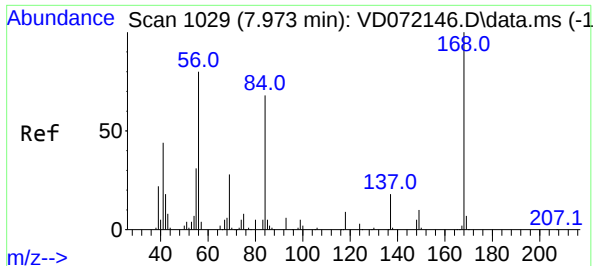
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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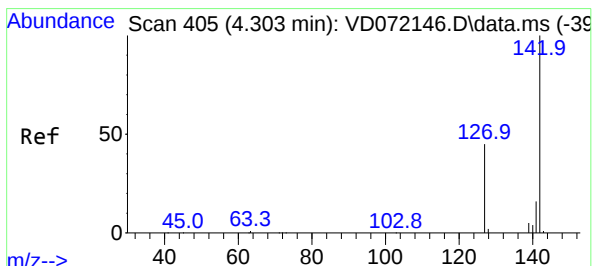
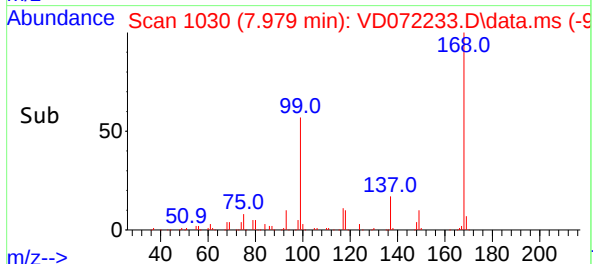
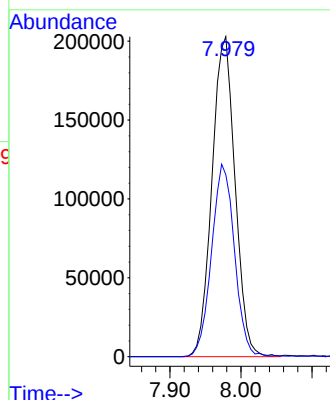
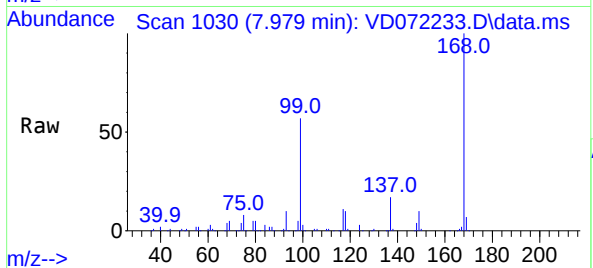




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

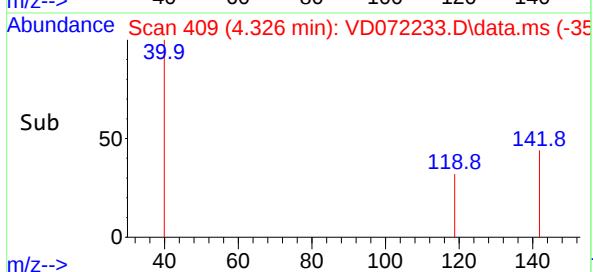
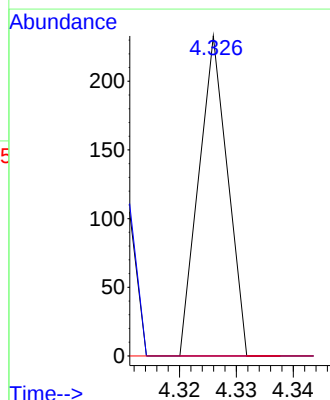
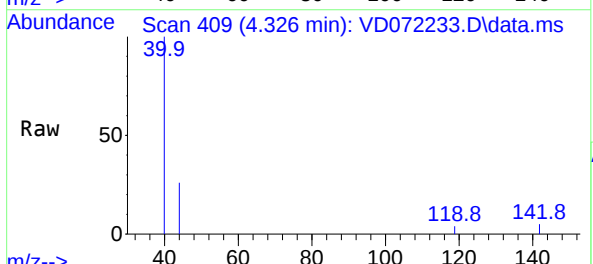
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

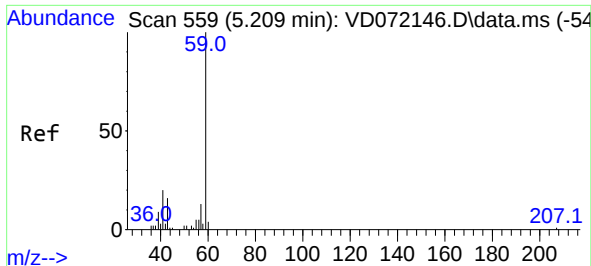
Tgt Ion:168 Resp: 457443
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.244 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.023 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion:142 Resp: 82
Ion Ratio Lower Upper
142 100
127 97.6 37.3 55.9#
141 0.0 11.7 17.5#

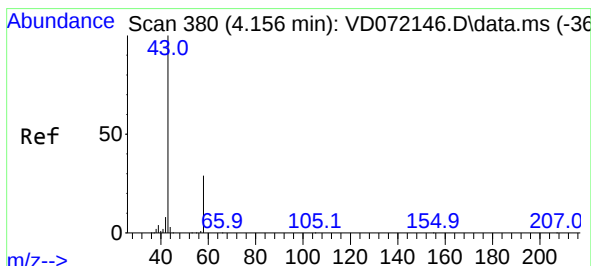
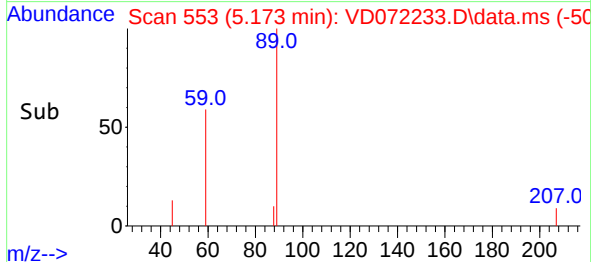
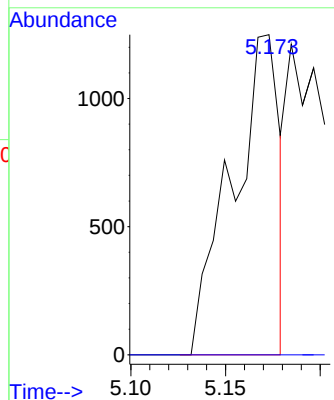
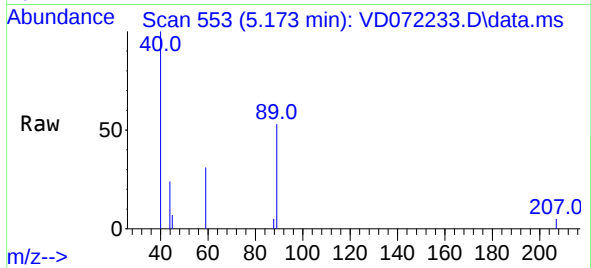




#11
Tert butyl alcohol
Concen: 7.341 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

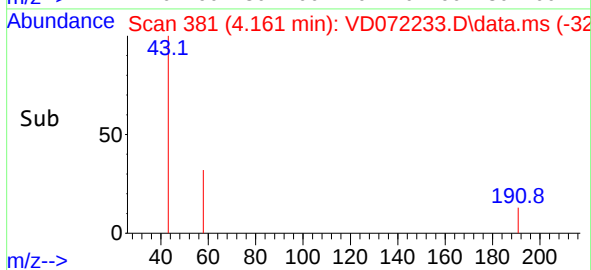
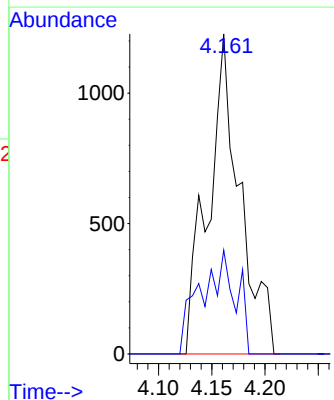
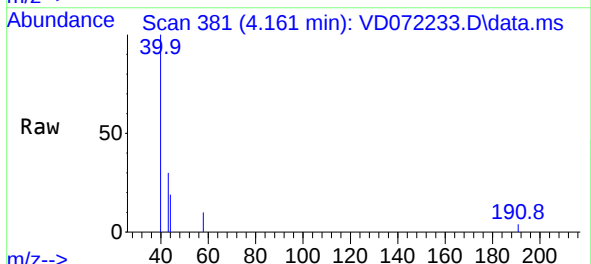
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

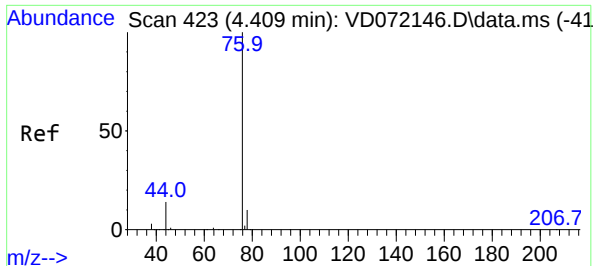
Tgt Ion: 59 Resp: 2170
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.298 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
58 32.4 22.1 33.1

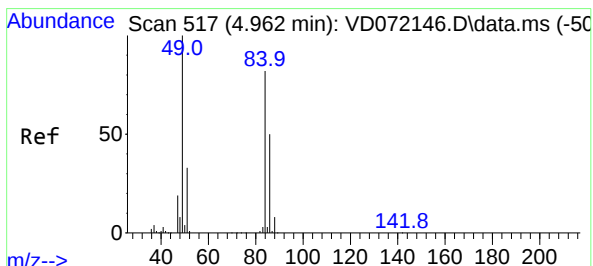
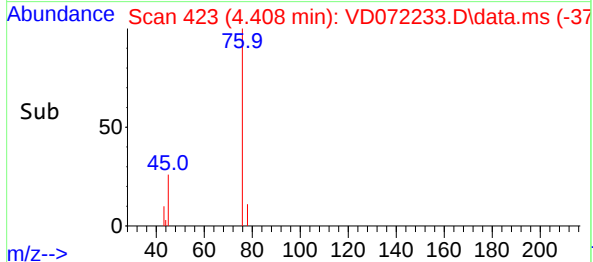
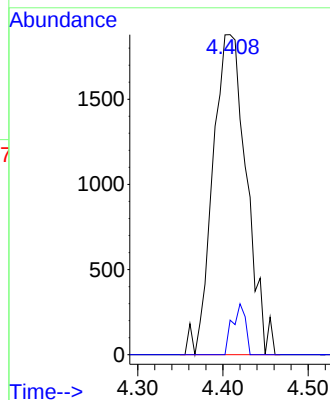
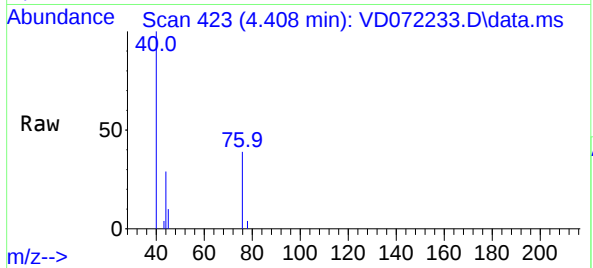




#17
Carbon Disulfide
Concen: 2.010 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

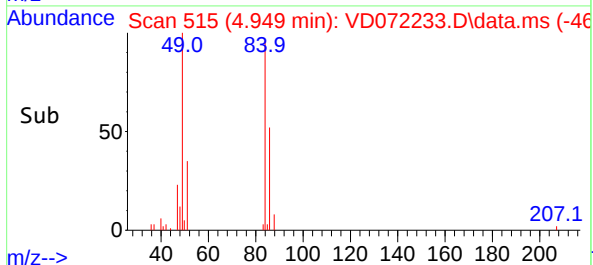
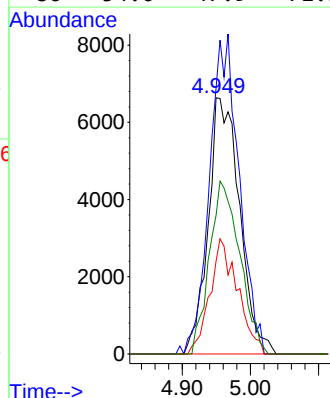
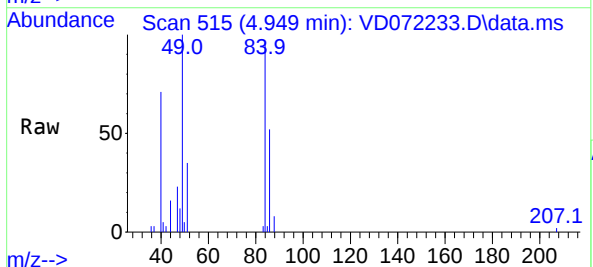
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

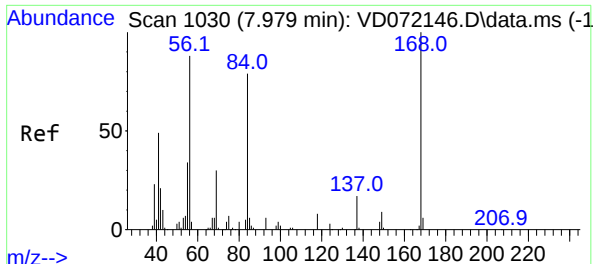
Tgt Ion: 76 Resp: 5150
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.949 min Scan# 515
Delta R.T. -0.013 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 84 Resp: 21290
Ion Ratio Lower Upper
84 100
49 103.7 112.8 169.2#
51 36.2 32.6 48.8
86 54.0 47.9 71.9

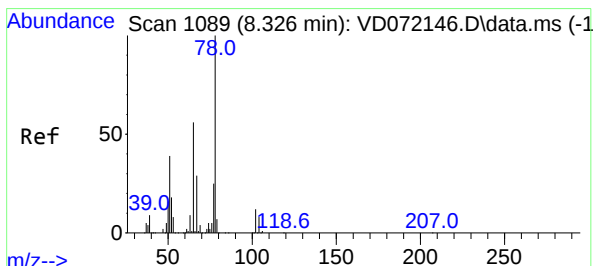
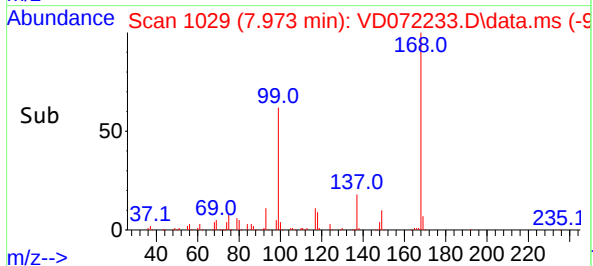
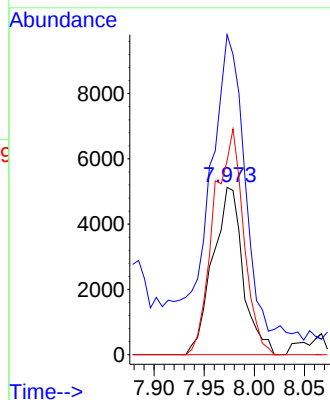
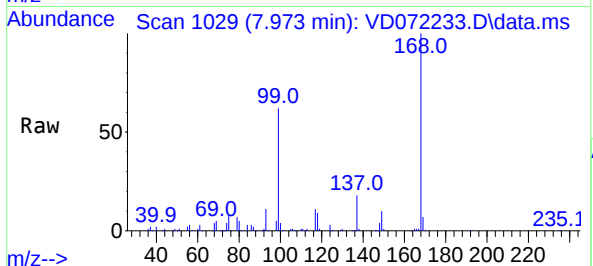




#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

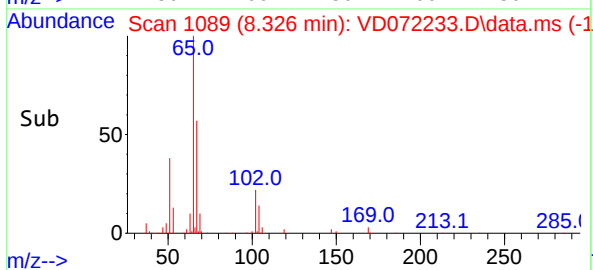
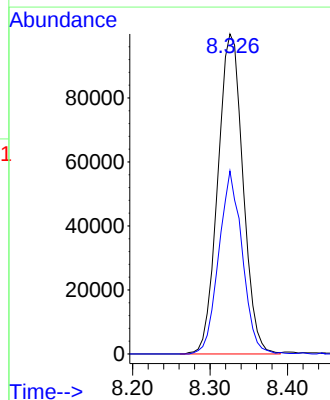
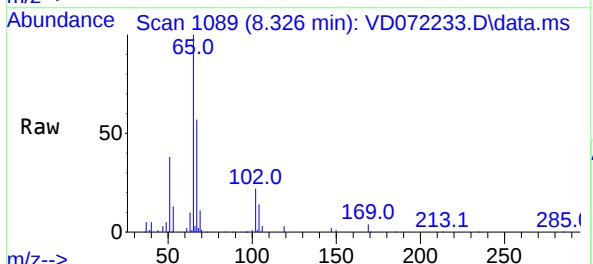
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

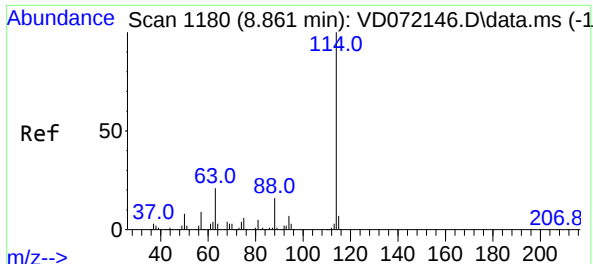
Tgt Ion: 56 Resp: 10784
Ion Ratio Lower Upper
56 100
69 173.8 25.4 38.2#
84 115.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.336 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 65 Resp: 226023
Ion Ratio Lower Upper
65 100
67 53.4 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: VD072233.D

Acq: 16 Mar 2022 22:16

Instrument :

MSVOA_D

ClientSampleId :

TP5(0-5)

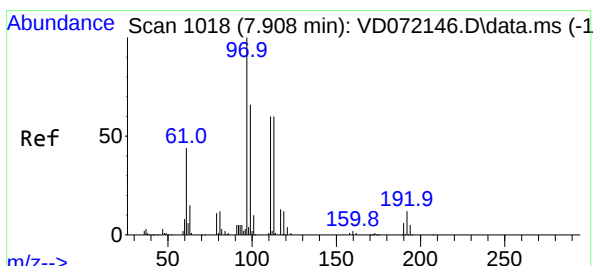
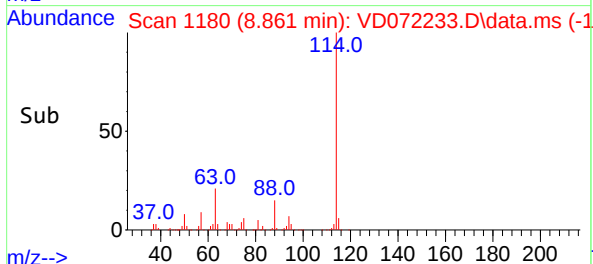
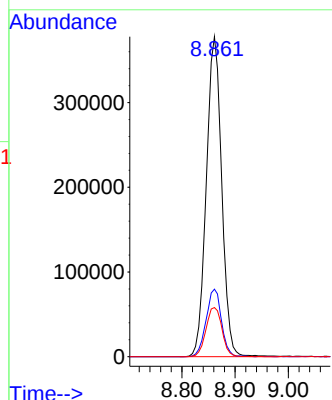
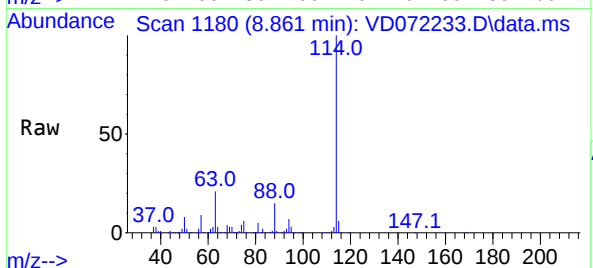
Tgt Ion:114 Resp: 759065

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.359 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072233.D

Acq: 16 Mar 2022 22:16

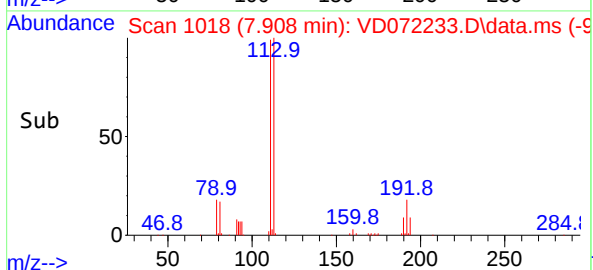
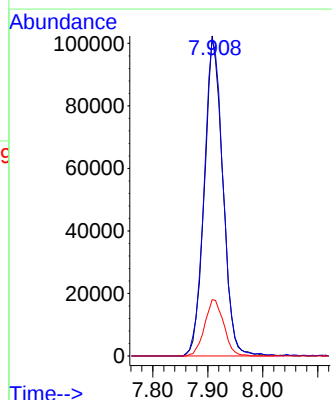
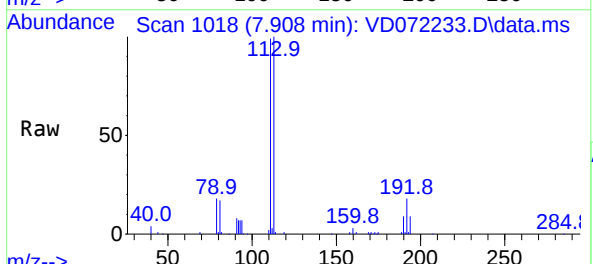
Tgt Ion:113 Resp: 236948

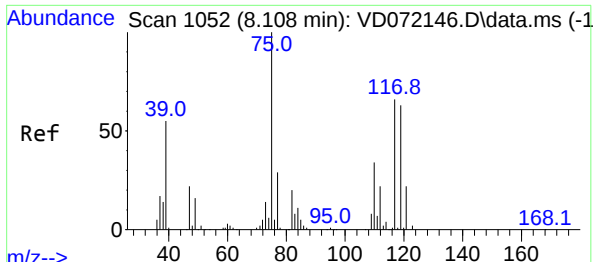
Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.3 14.6 21.8

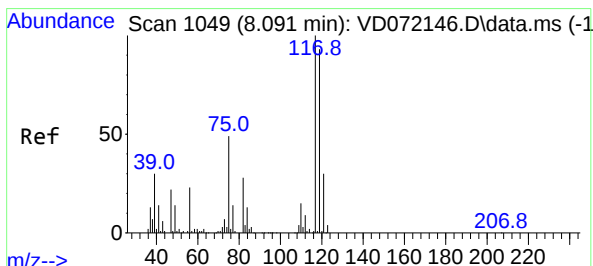
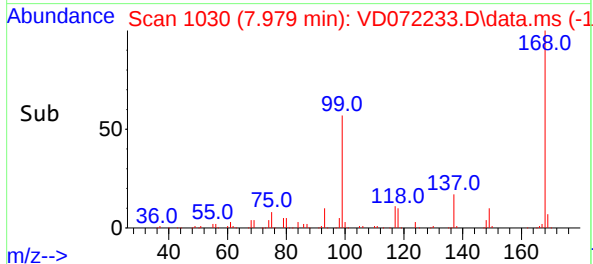
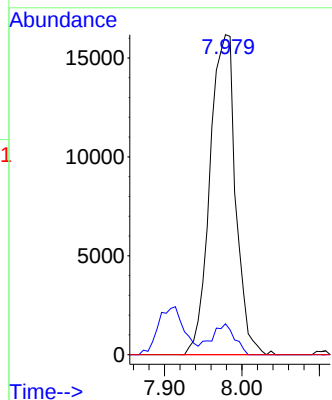
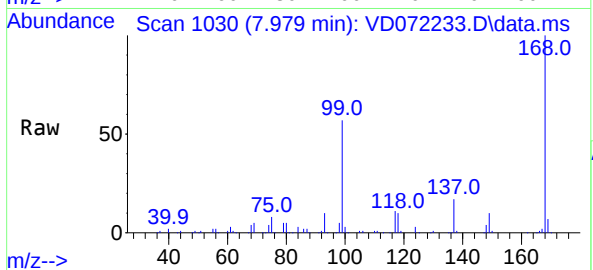




#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. -0.130 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

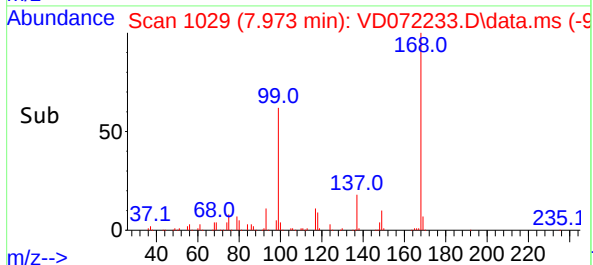
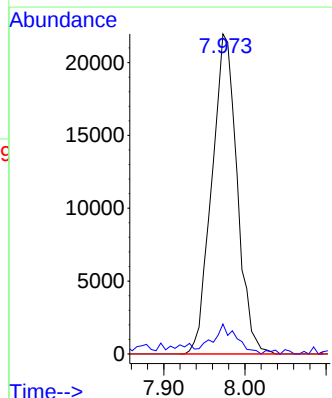
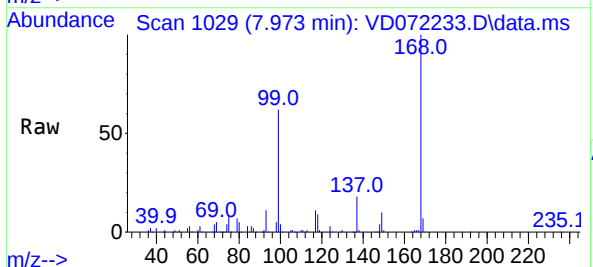
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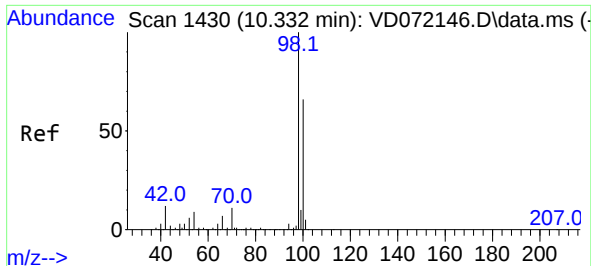
Tgt Ion: 75 Resp: 37305
Ion Ratio Lower Upper
75 100
110 8.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 117 Resp: 47572
Ion Ratio Lower Upper
117 100
119 9.4 75.8 113.6#
121 0.0 24.5 36.7#

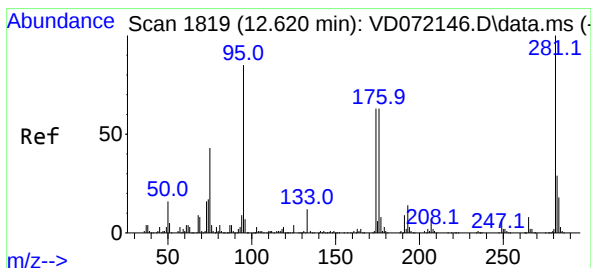
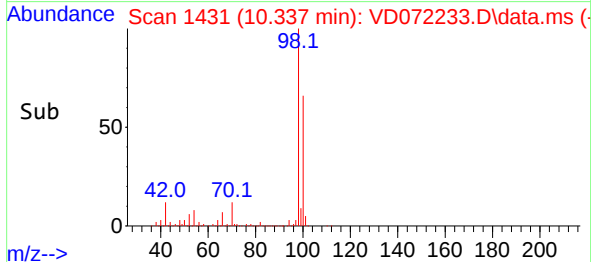
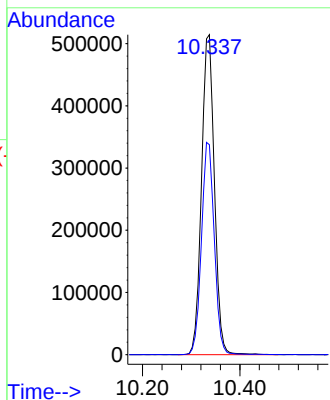
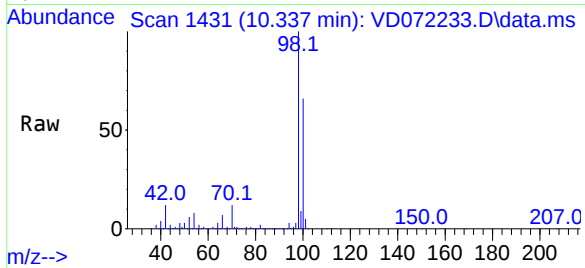




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

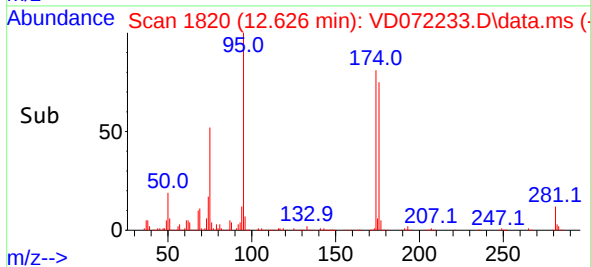
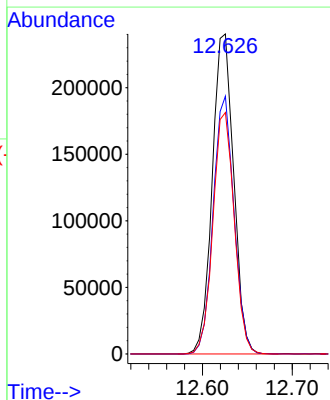
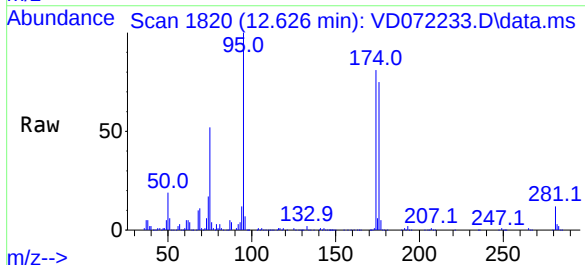
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

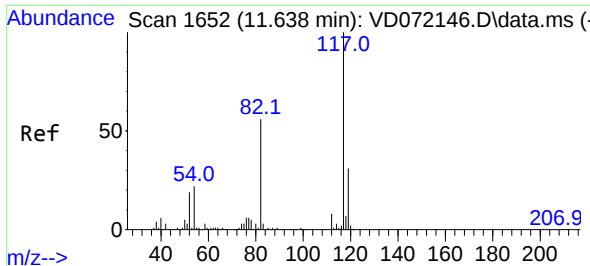
Tgt Ion: 98 Resp: 940384
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 95 Resp: 398242
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.0 0.0 145.4

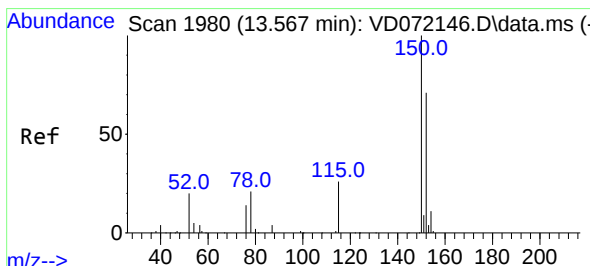
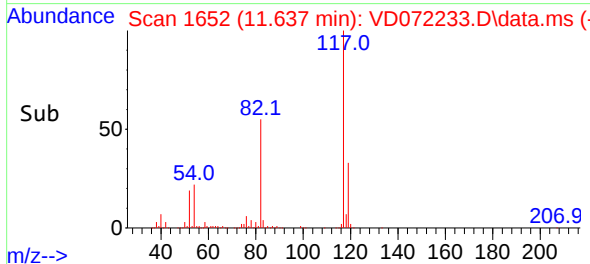
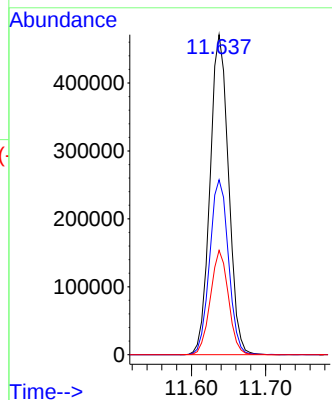
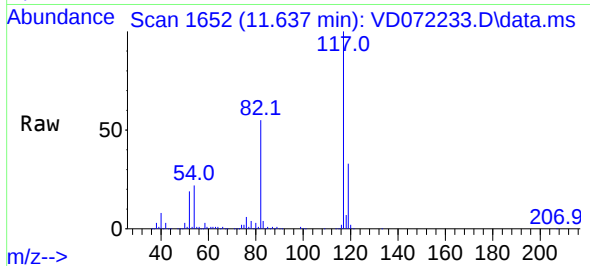




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

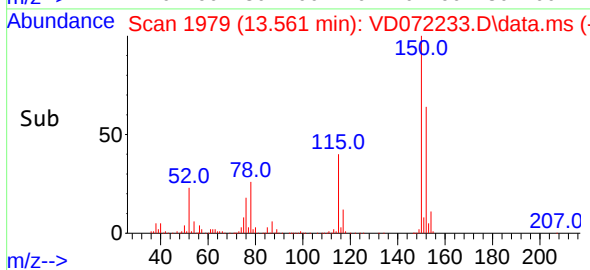
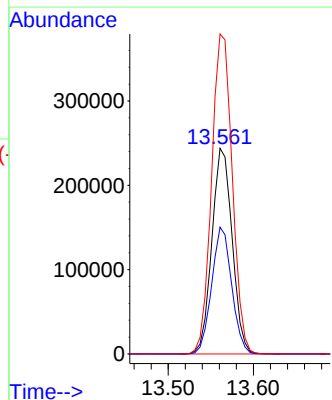
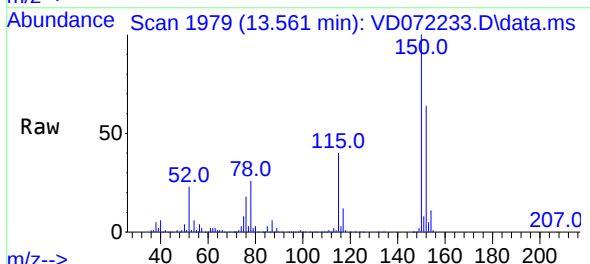
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

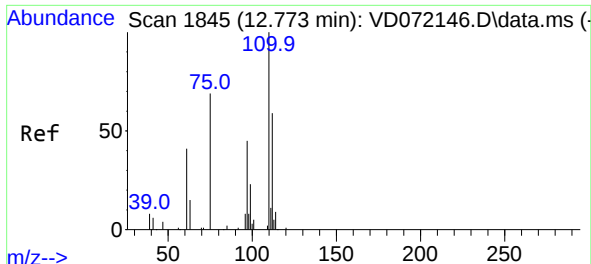
Tgt Ion:117 Resp: 817526
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion:152 Resp: 404365
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.5 0.0 348.6

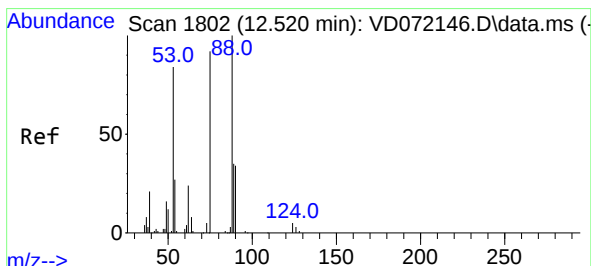
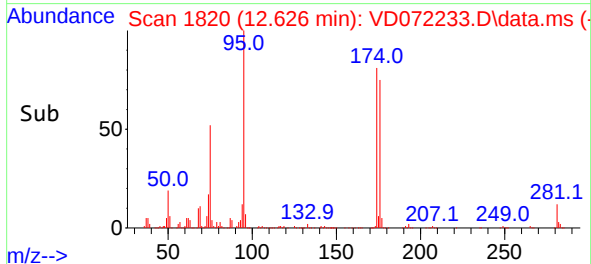
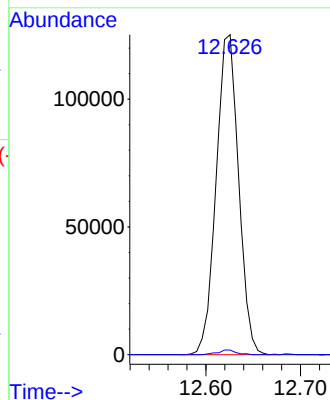
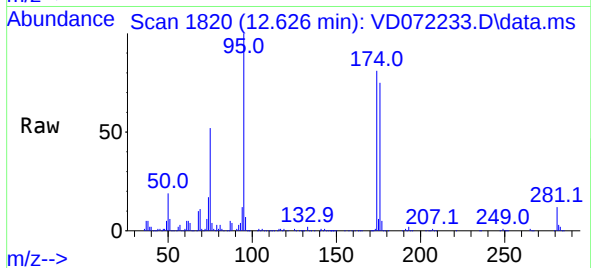




#76
1,2,3-Trichloropropane
Concen: 46.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

Tgt Ion: 75 Resp: 206153
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.670 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 75 Resp: 206153
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

