

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072912.D
 Acq On : 10 May 2022 14:09
 Operator : VA/SY
 Sample : N2739-05
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: May 11 05:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

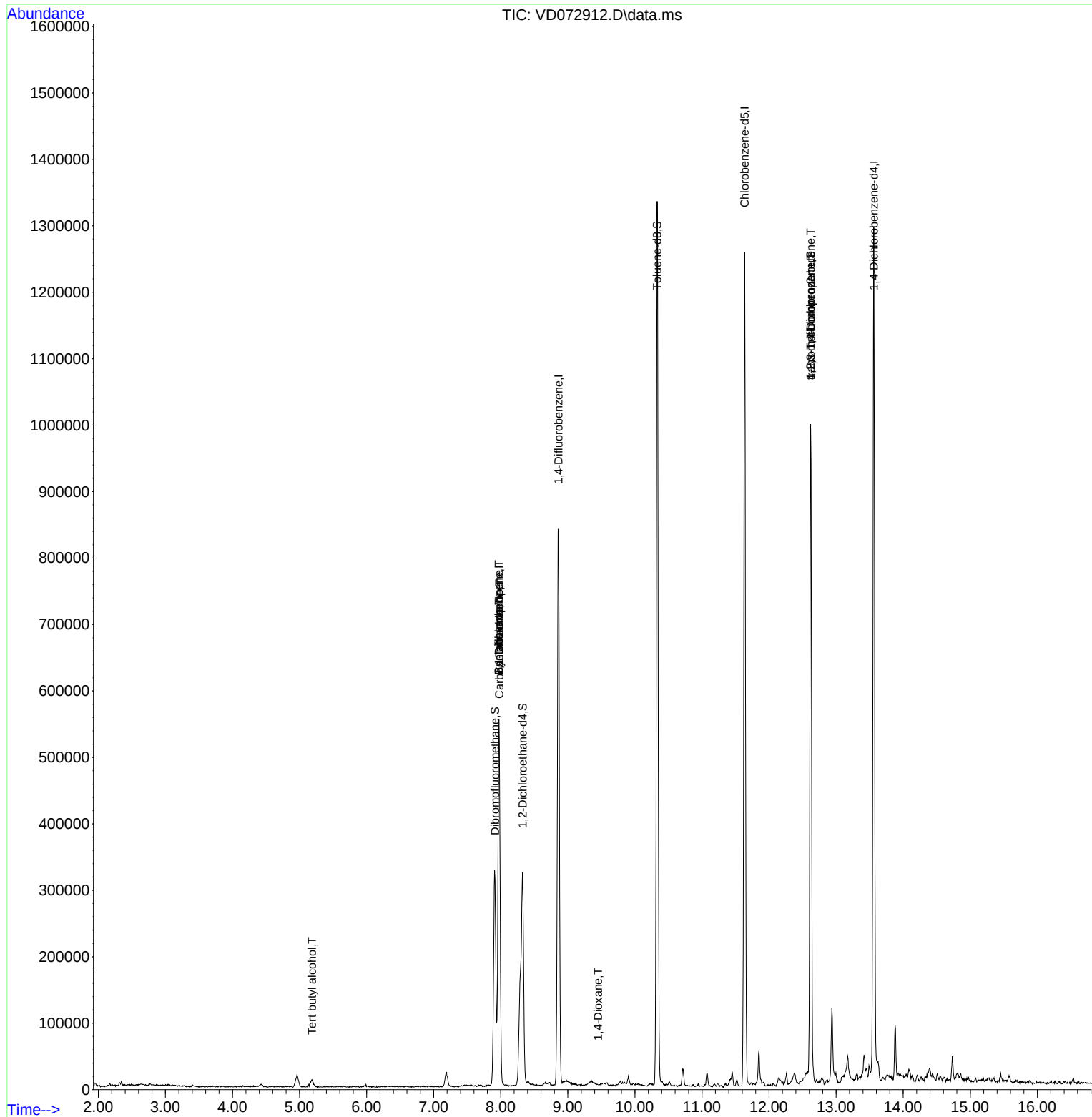
Internal Standards						
1) Pentafluorobenzene	7.973	168	390528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	321815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235797	46.514	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.020%		
35) Dibromofluoromethane	7.914	113	235804	46.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.600%		
50) Toluene-d8	10.332	98	889252	48.672	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.340%		
62) 4-Bromofluorobenzene	12.620	95	338492	49.687	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	1524	Below Cal	#	62
11) Tert butyl alcohol	5.185	59	10671	24.329	ug/l #	75
16) Acetone	4.156	43	1667	Below Cal	#	47
18) Methyl Acetate	4.738	43	82	Below Cal	#	55
20) Methylene Chloride	4.961	84	13420	Below Cal	#	78
31) Cyclohexane	7.973	56	10347	1.168	ug/l #	21
36) 1,1-Dichloropropene	7.973	75	34956	4.221	ug/l #	52
38) Carbon Tetrachloride	7.979	117	43344	5.042	ug/l #	17
49) 1,4-Dioxane	9.449	88	63	1.615	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	178796	49.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	178796	114.578	ug/l #	7

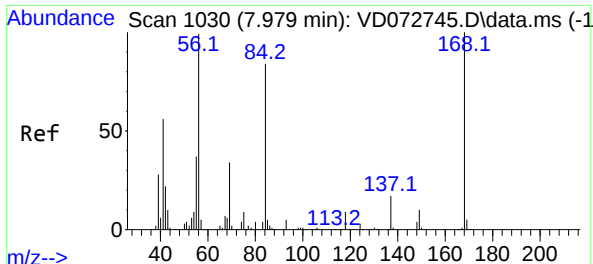
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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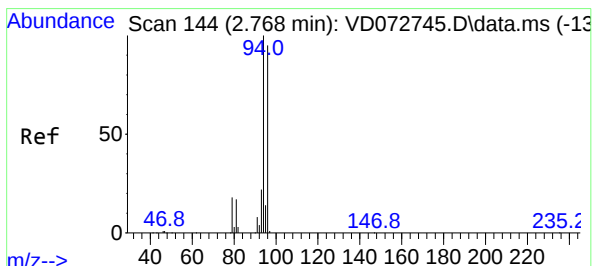
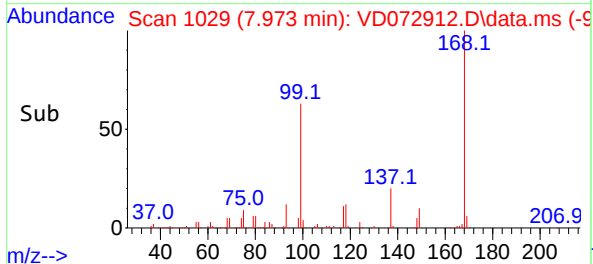
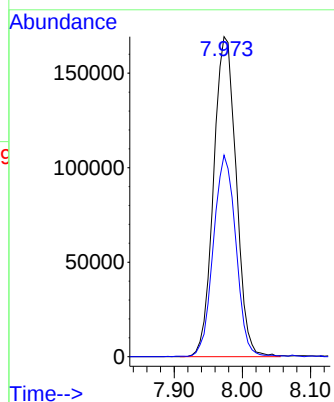
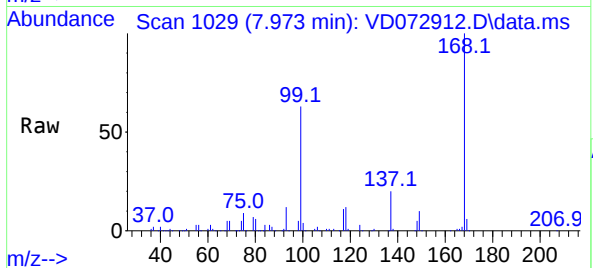




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

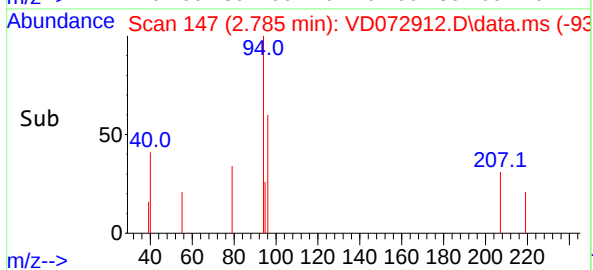
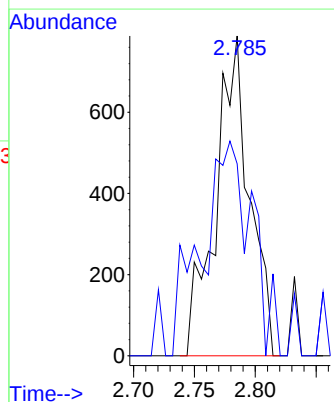
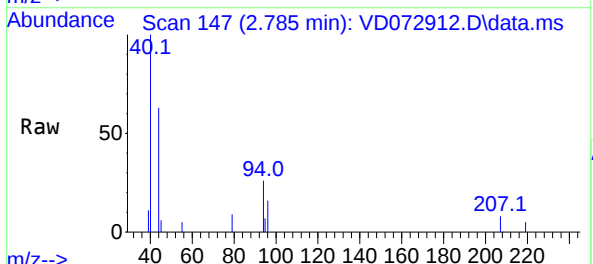
Instrument :
MSVOA_D
ClientSampleId :
124035

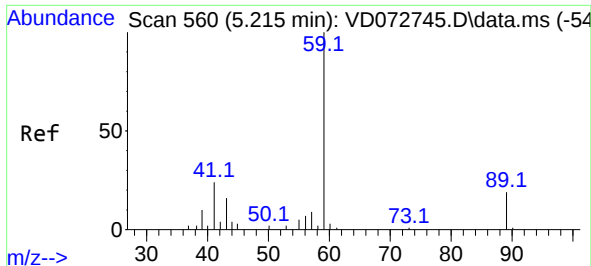
Tgt Ion:168 Resp: 390528
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 94 Resp: 1524
Ion Ratio Lower Upper
94 100
96 60.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 24.329 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD072912.D

Acq: 10 May 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

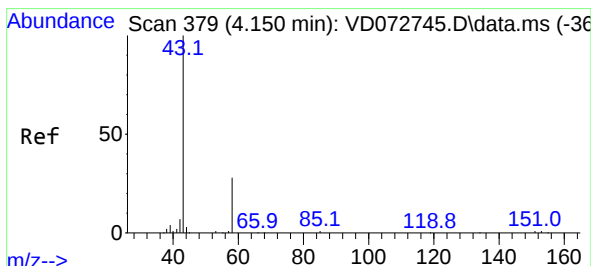
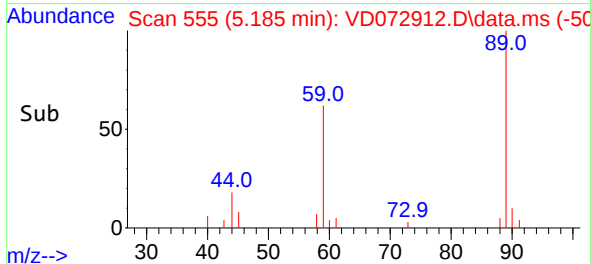
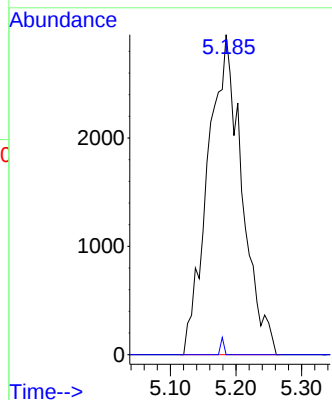
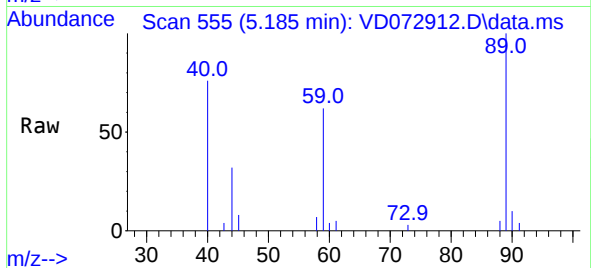
124035

Tgt Ion: 59 Resp: 10671

Ion Ratio Lower Upper

59 100

57 0.5 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.156 min Scan# 380

Delta R.T. 0.006 min

Lab File: VD072912.D

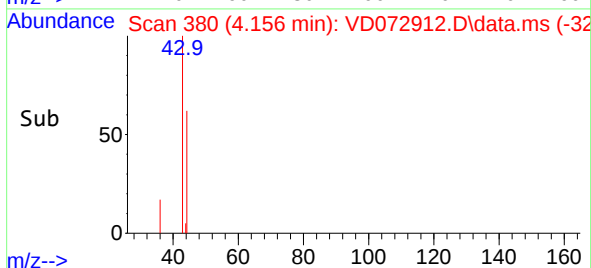
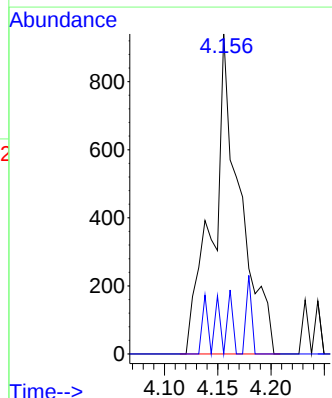
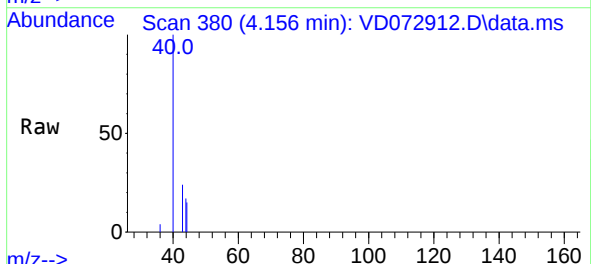
Acq: 10 May 2022 14:09

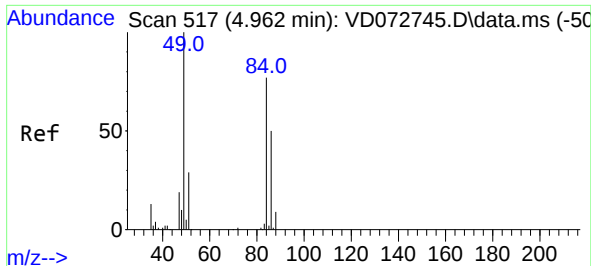
Tgt Ion: 43 Resp: 1667

Ion Ratio Lower Upper

43 100

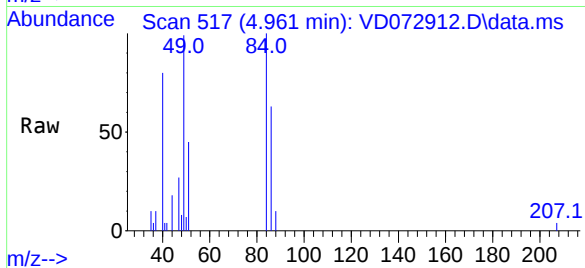
58 0.0 22.1 33.1#



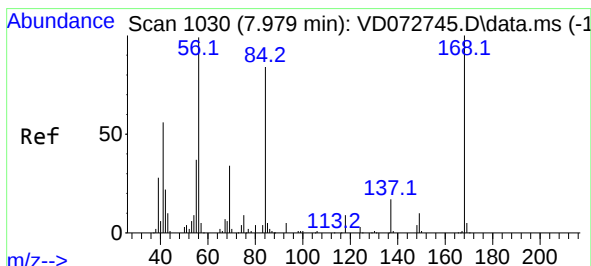
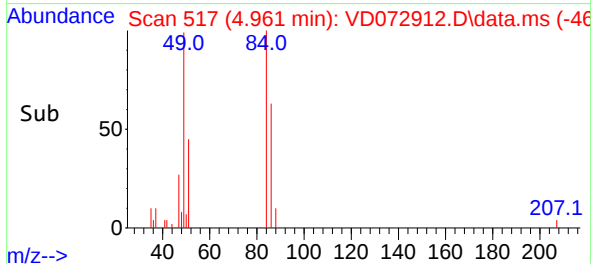
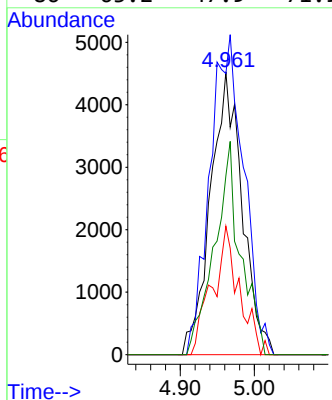


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
124035

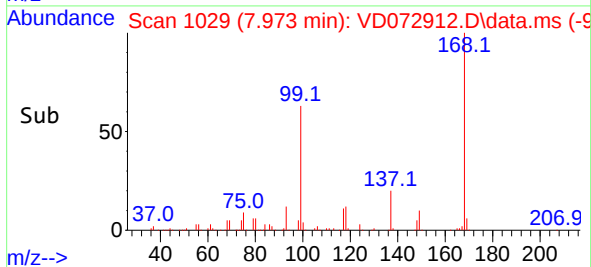
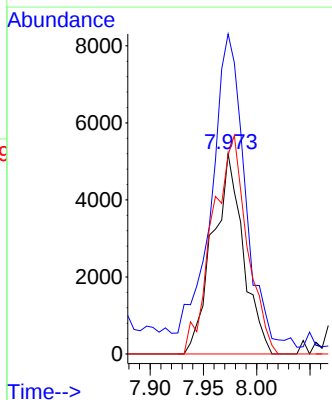
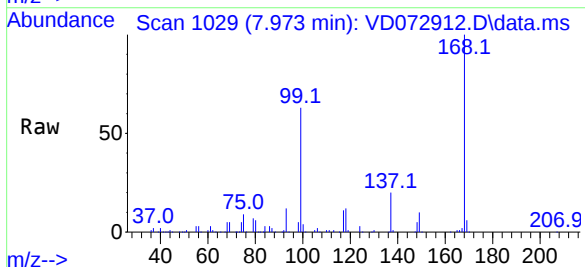


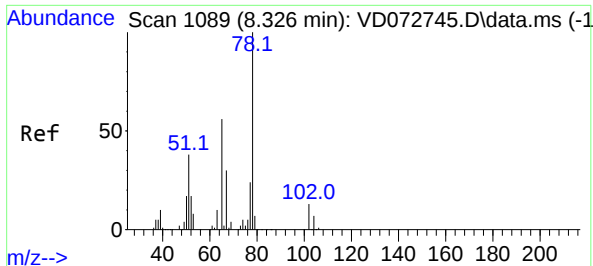
Tgt Ion:	84	Resp:	13420
Ion	Ratio	Lower	Upper
84	100		
49	99.4	112.8	169.2#
51	45.4	32.6	48.8
86	63.2	47.9	71.9



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion:	56	Resp:	10347
Ion	Ratio	Lower	Upper
56	100		
69	152.6	25.4	38.2#
84	99.3	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 46.514 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072912.D

Acq: 10 May 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

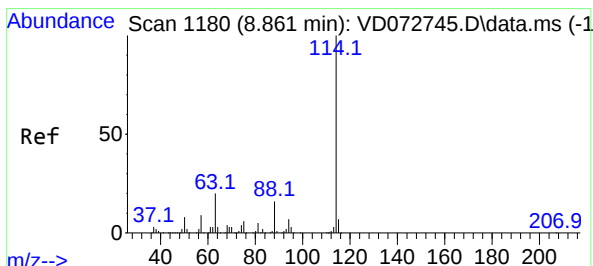
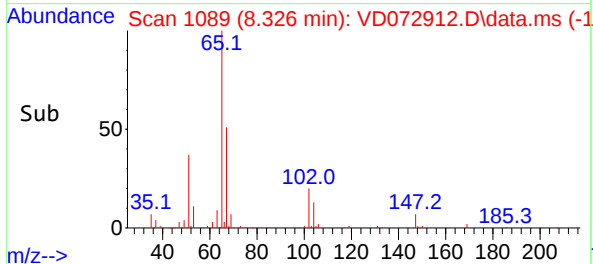
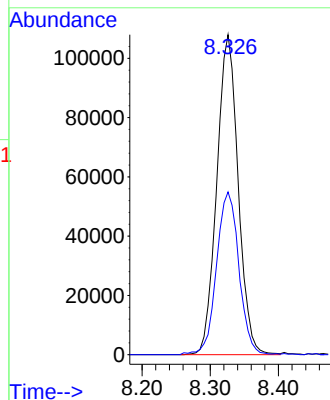
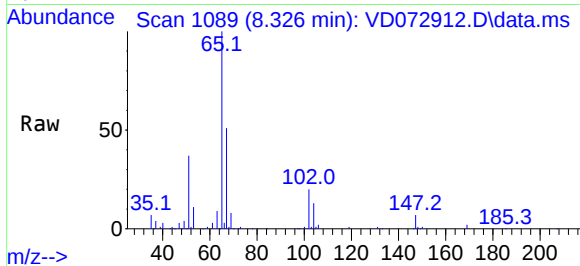
124035

Tgt Ion: 65 Resp: 235797

Ion Ratio Lower Upper

65 100

67 53.2 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: VD072912.D

Acq: 10 May 2022 14:09

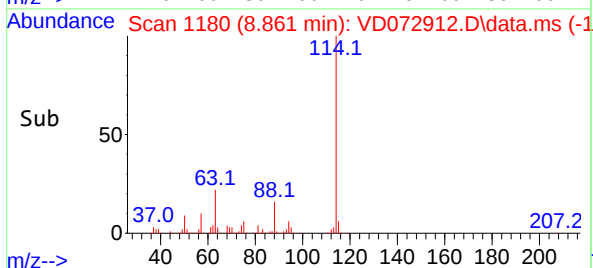
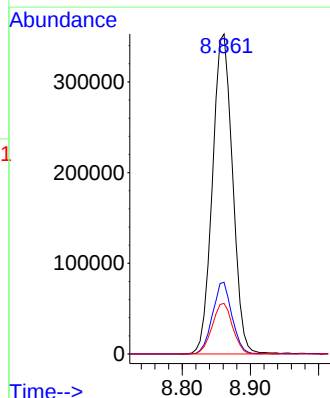
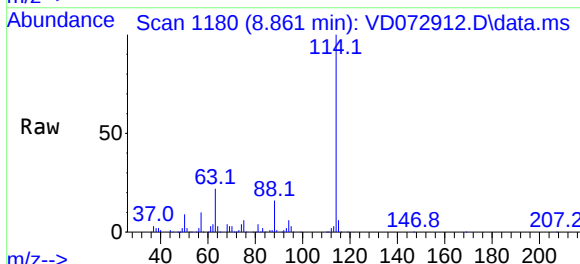
Tgt Ion: 114 Resp: 725224

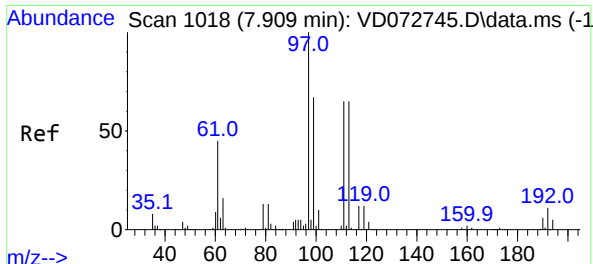
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 15.8 0.0 33.2

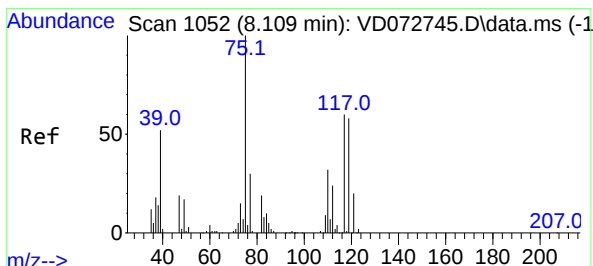
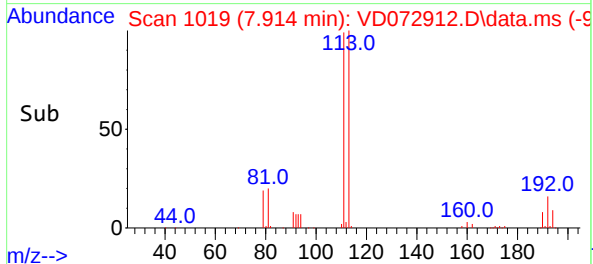
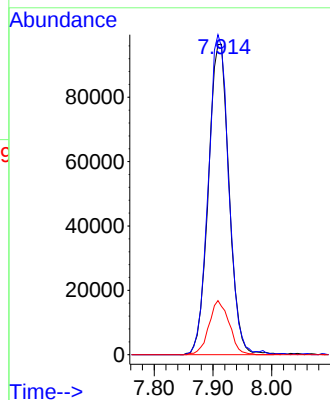
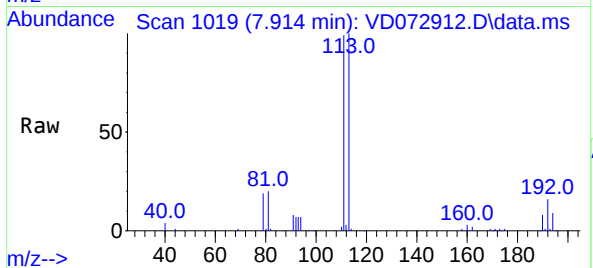




#35
Dibromofluoromethane
Concen: 46.297 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

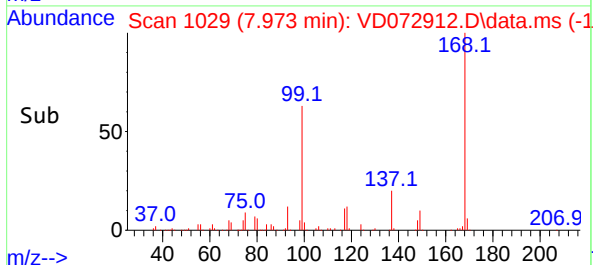
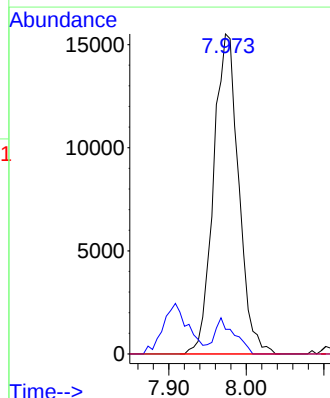
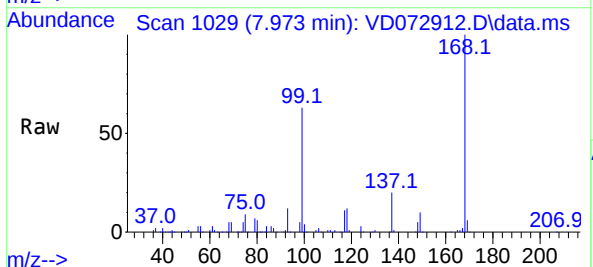
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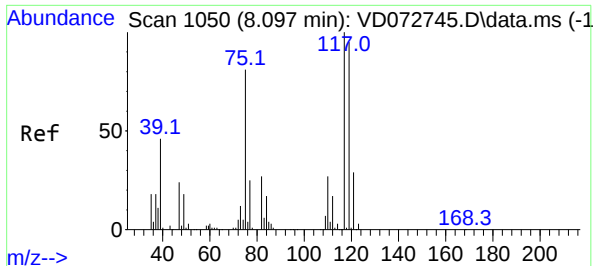
Tgt Ion:113 Resp: 235804
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.221 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 75 Resp: 34956
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 0.0 24.2 36.2#

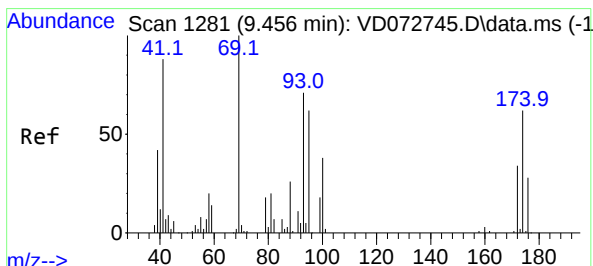
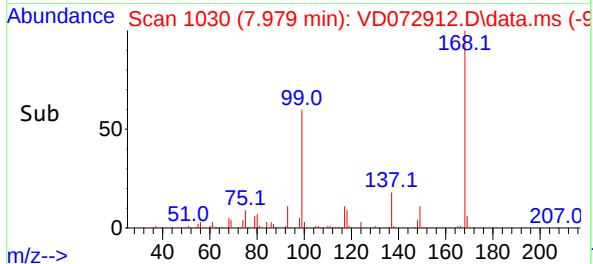
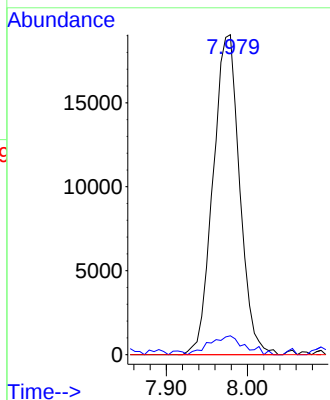
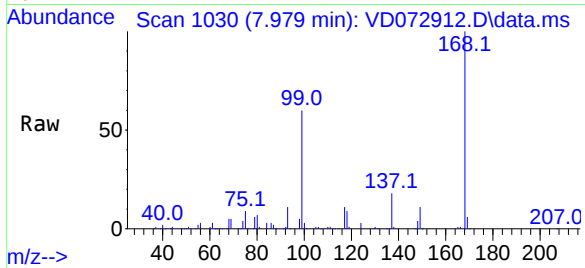




#38
Carbon Tetrachloride
Concen: 5.042 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

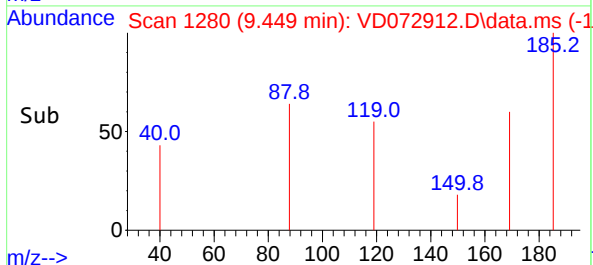
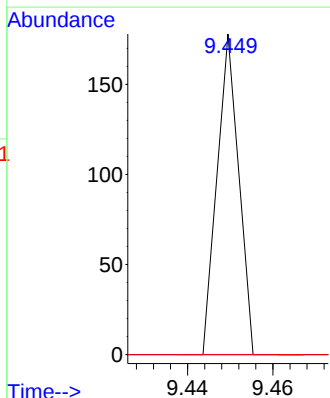
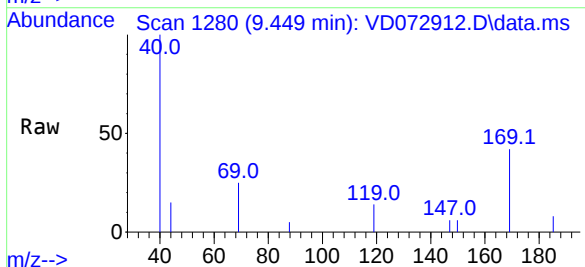
Instrument :
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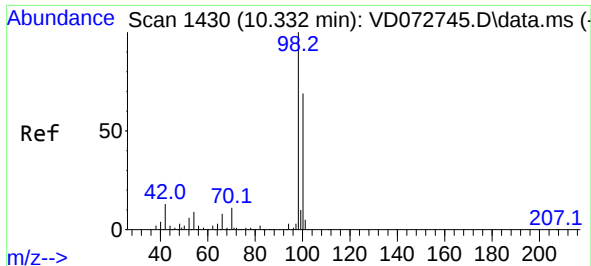
Tgt Ion: 117 Resp: 43344
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.615 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#

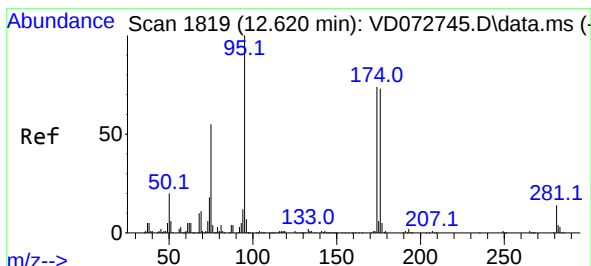
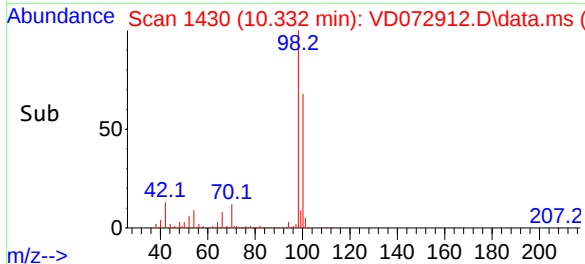
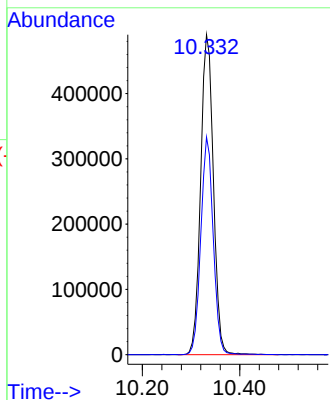
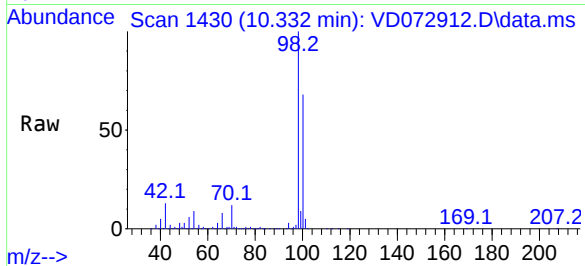




#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

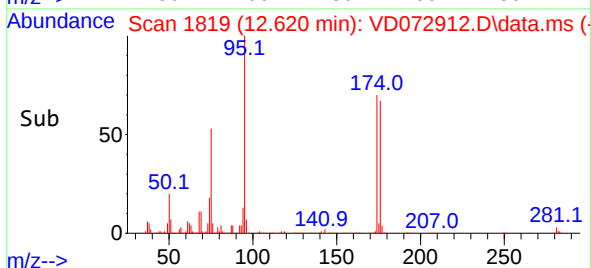
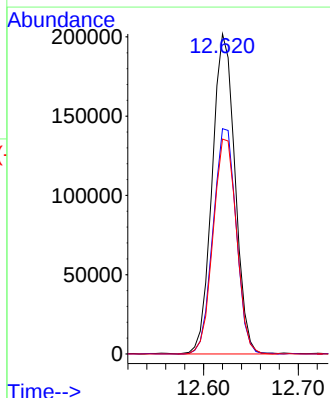
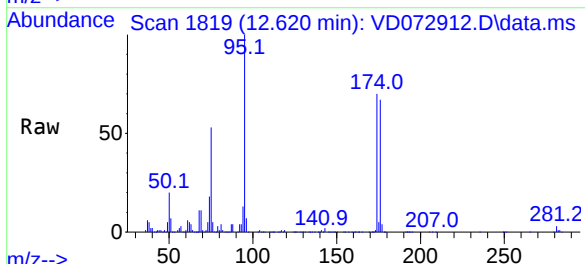
Instrument :
MSVOA_D
ClientSampleId :
124035

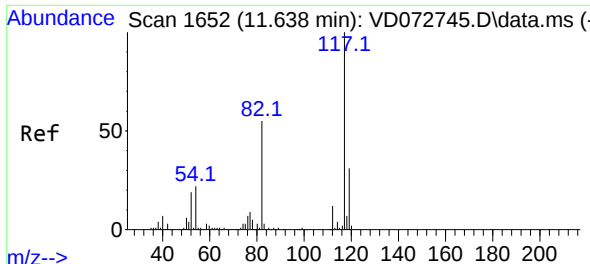
Tgt Ion: 98 Resp: 889252
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 95 Resp: 338492
Ion Ratio Lower Upper
95 100
174 71.3 0.0 152.8
176 68.9 0.0 145.4

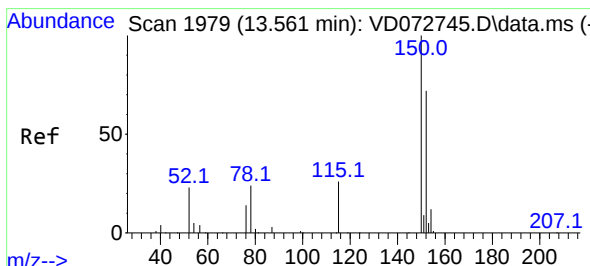
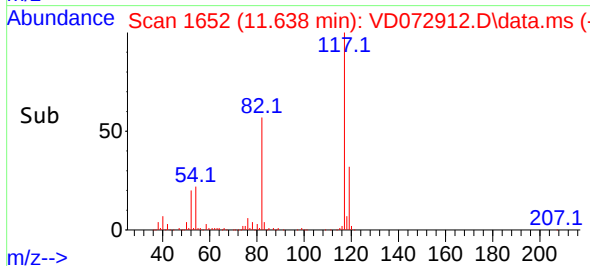
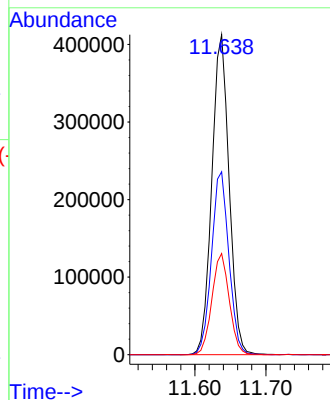
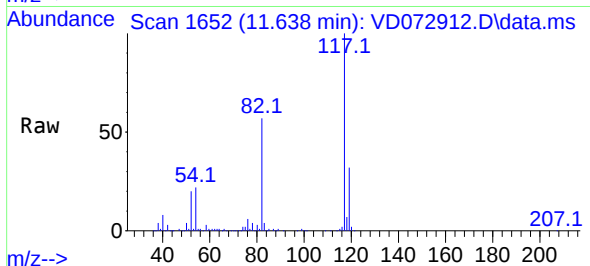




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

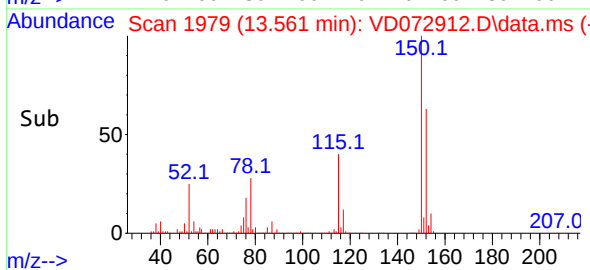
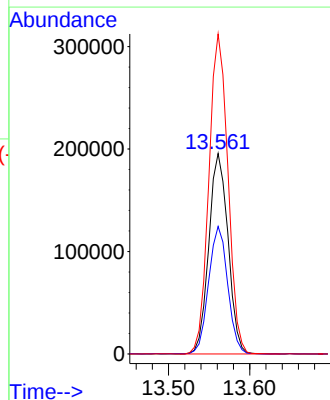
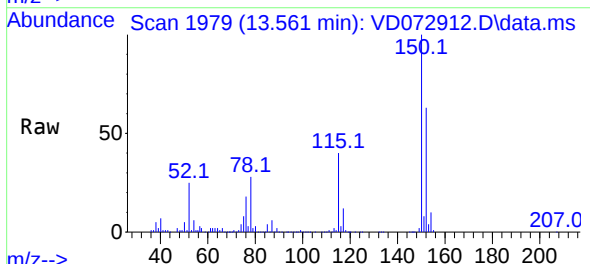
Instrument :
MSVOA_D
ClientSampleId :
124035

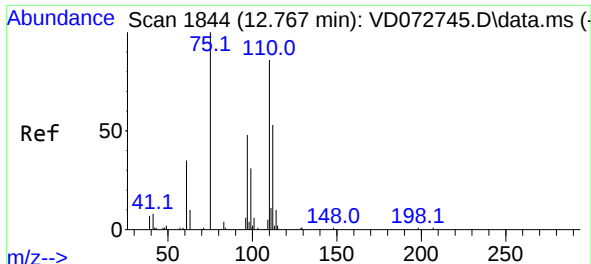
Tgt Ion:117 Resp: 698513
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion:152 Resp: 321815
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.8
150 157.9 0.0 348.6

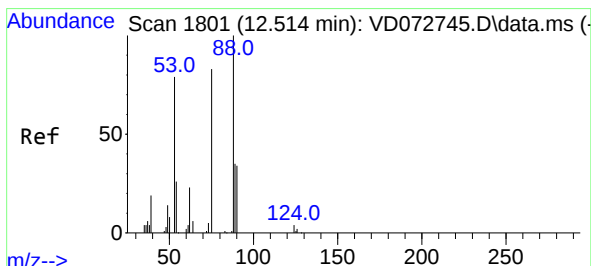
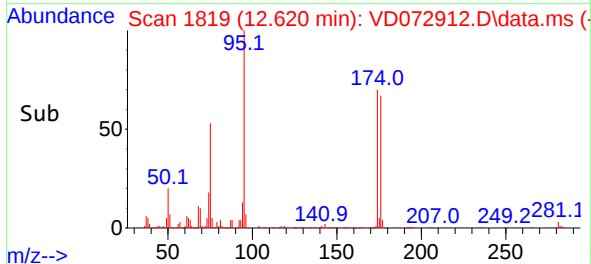
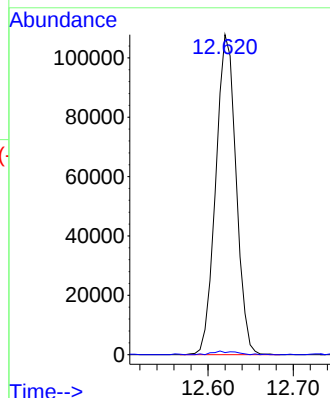
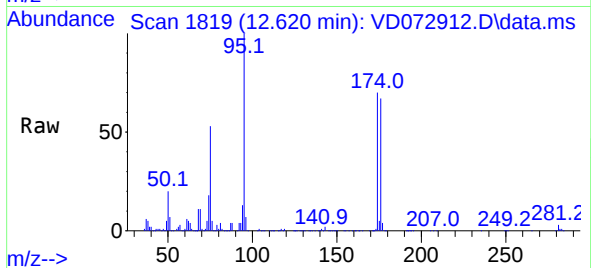




#76
1,2,3-Trichloropropane
Concen: 49.825 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion: 75 Resp: 178796
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.578 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072912.D
Acq: 10 May 2022 14:09

Tgt Ion: 75 Resp: 178796
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

