

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071937.D
 Acq On : 11 Feb 2022 14:44
 Operator : VA/SY
 Sample : N1487-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 11 23:58:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

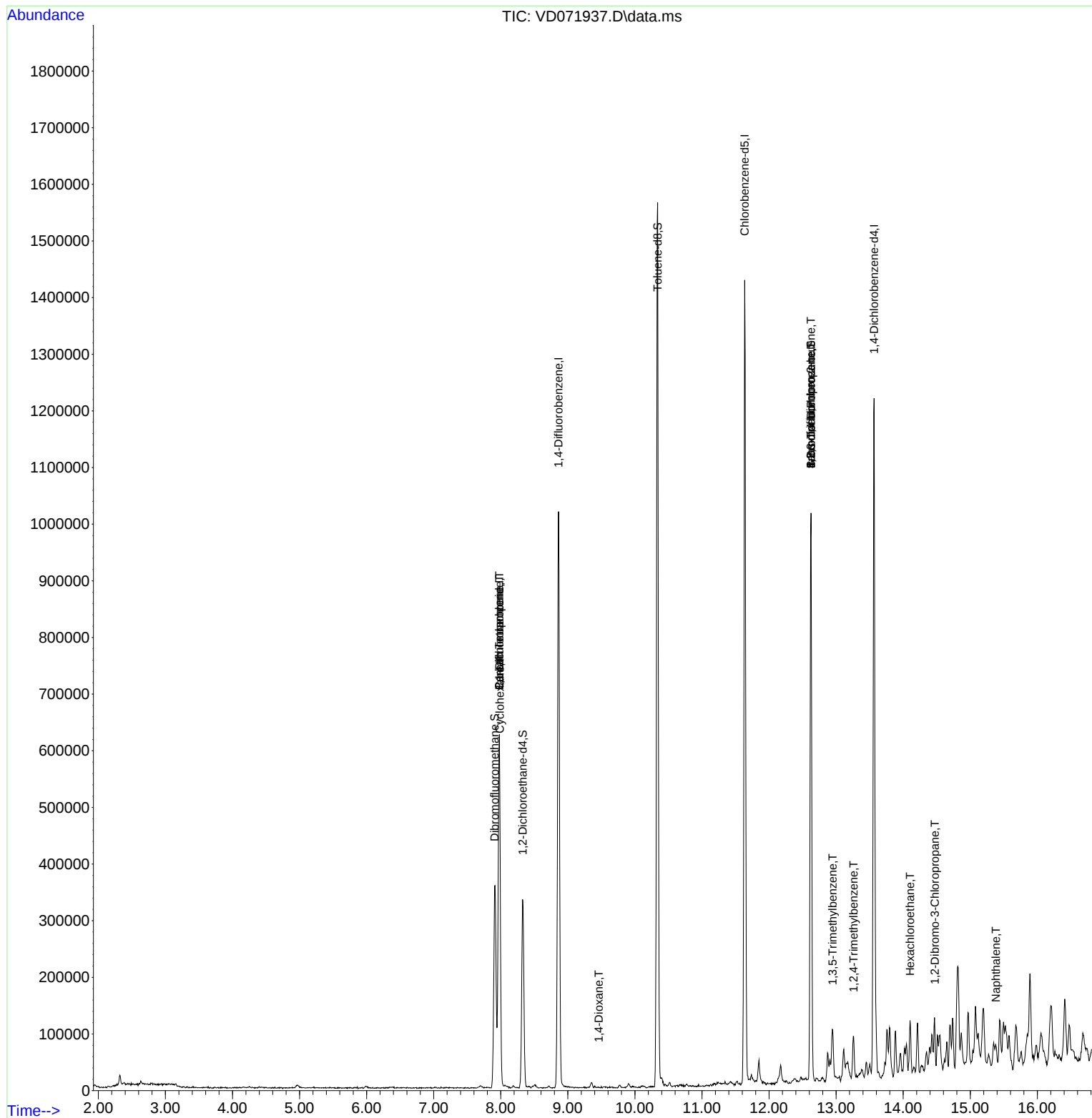
Internal Standards						
1) Pentafluorobenzene	7.979	168	428250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	819784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	752037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267583	49.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.908	113	261183	48.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.940%
50) Toluene-d8	10.337	98	1011624	50.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.626	95	326849	46.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.238	59	77	Below Cal	#	74
20) Methylene Chloride	4.967	84	3551	Below Cal	#	64
31) Cyclohexane	7.985	56	13938	1.349	ug/l #	27
36) 1,1-Dichloropropene	7.979	75	40688	4.399	ug/l #	52
38) Carbon Tetrachloride	7.979	117	45855	5.013	ug/l #	18
49) 1,4-Dioxane	9.461	88	55	1.430	ug/l #	1
71) Bromoform	12.626	173	3749	1.213	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	181040	57.137	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.949	105	26520	1.373	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	181040	140.486	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.261	105	44802	2.359	ug/l	99
90) Hexachloroethane	14.102	117	5685	1.406	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.473	75	718	1.006	ug/l #	6
95) Naphthalene	15.384	128	19170	3.236	ug/l #	86

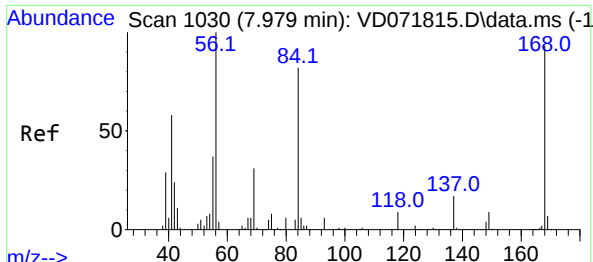
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071937.D
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Misc : 5.01G/5.00ml/MSVOA_D/SOIL
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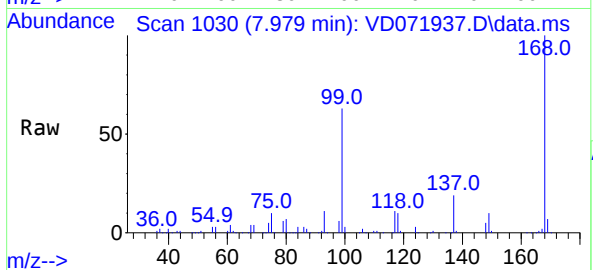
Quant Time: Feb 11 23:58:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
Quant Title : SW846 8260
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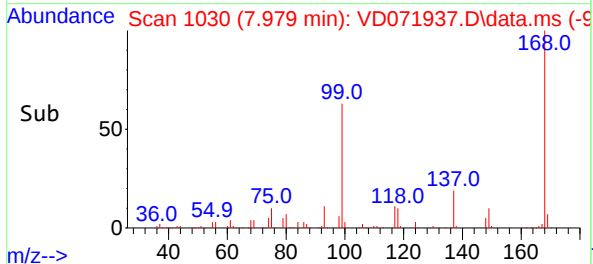
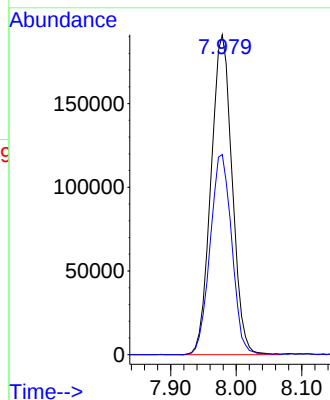


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :

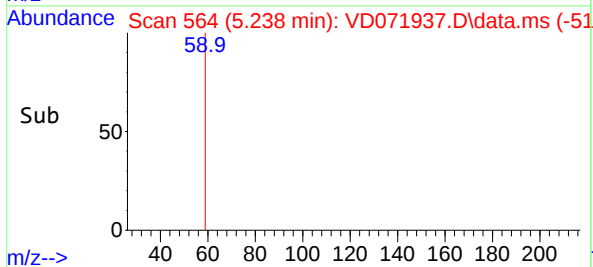
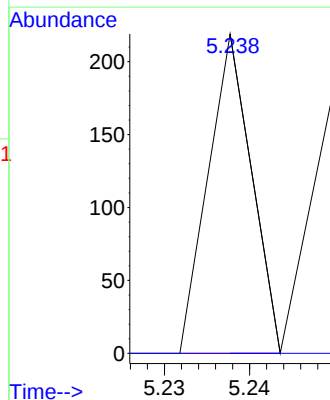
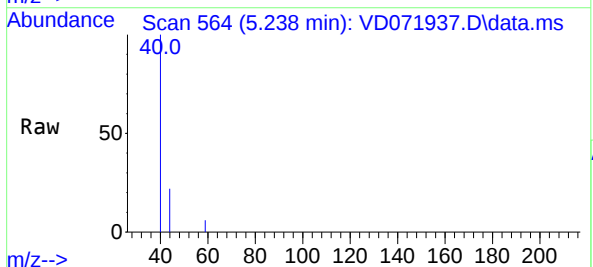


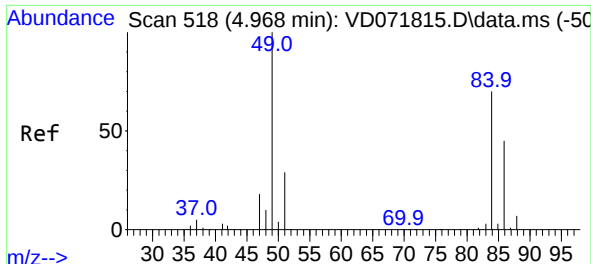
Tgt Ion:168 Resp: 428250
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.017 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.000 min

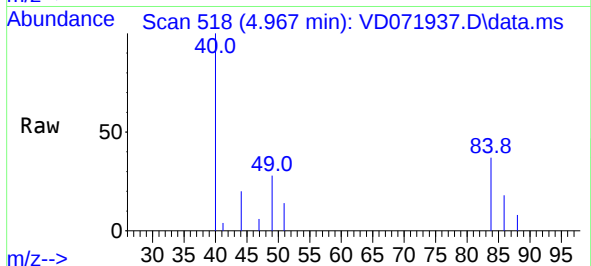
Lab File: VD071937.D

Acq: 11 Feb 2022 14:44

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 3551

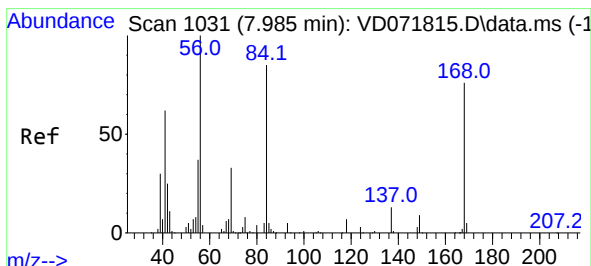
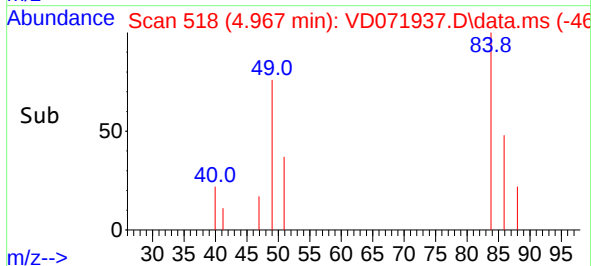
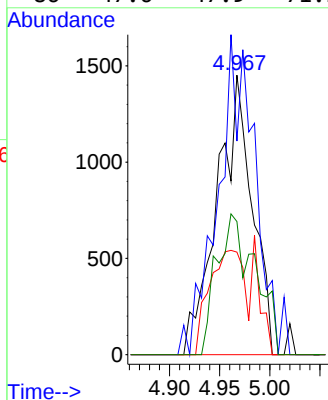
Ion Ratio Lower Upper

84 100

49 76.4 112.8 169.2#

51 36.7 32.6 48.8

86 47.6 47.9 71.9#



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071937.D

Acq: 11 Feb 2022 14:44

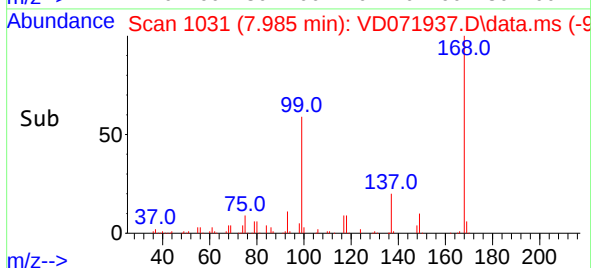
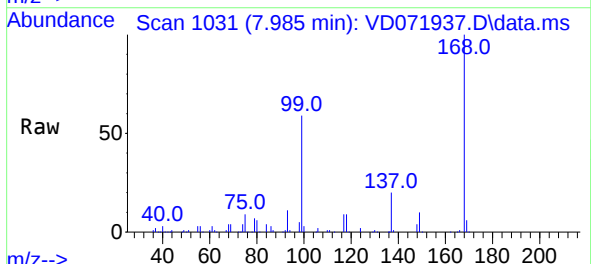
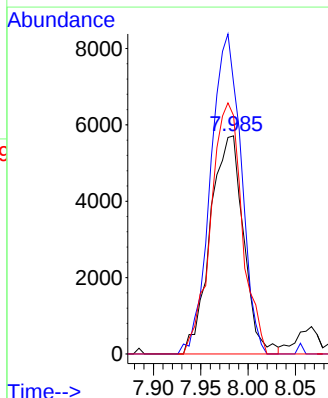
Tgt Ion: 56 Resp: 13938

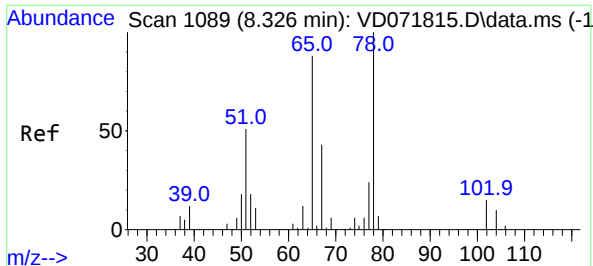
Ion Ratio Lower Upper

56 100

69 124.2 25.4 38.2#

84 109.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.435 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071937.D

Acq: 11 Feb 2022 14:44

Instrument :

MSVOA_D

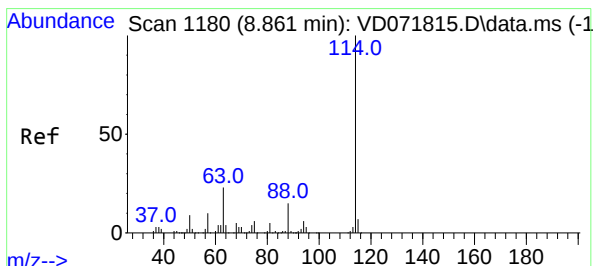
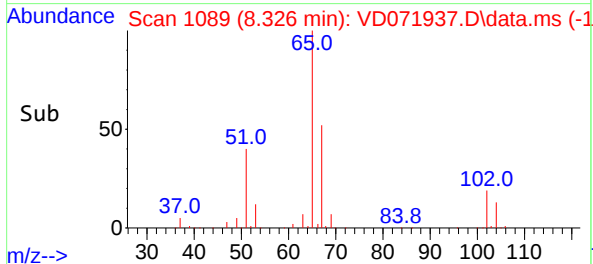
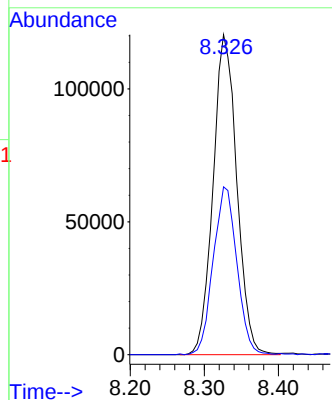
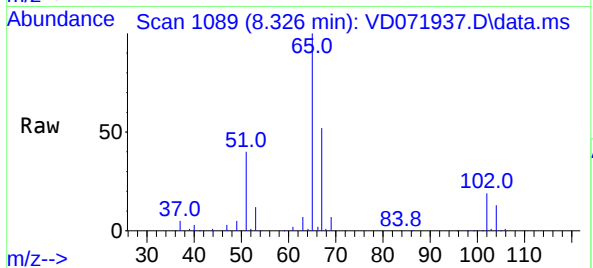
ClientSampleId :

Tgt Ion: 65 Resp: 267583

Ion Ratio Lower Upper

65 100

67 52.4 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: VD071937.D

Acq: 11 Feb 2022 14:44

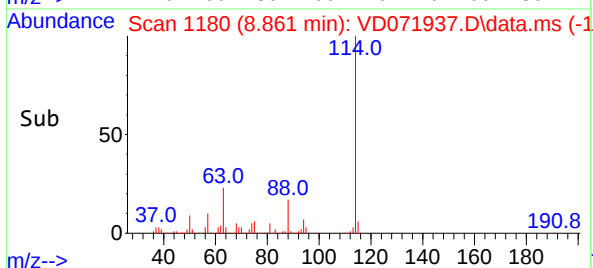
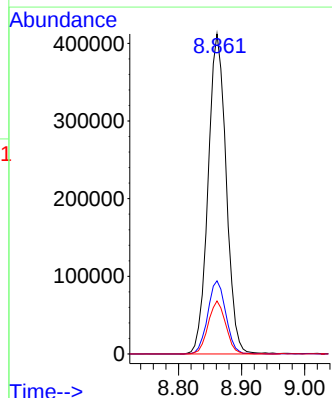
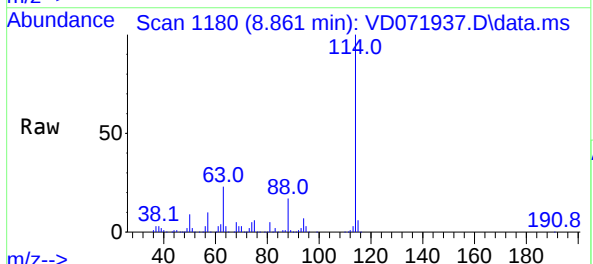
Tgt Ion: 114 Resp: 819784

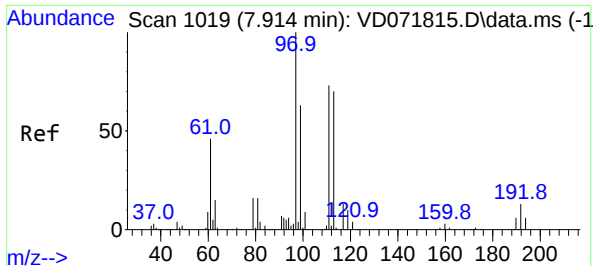
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.6

88 16.5 0.0 33.2

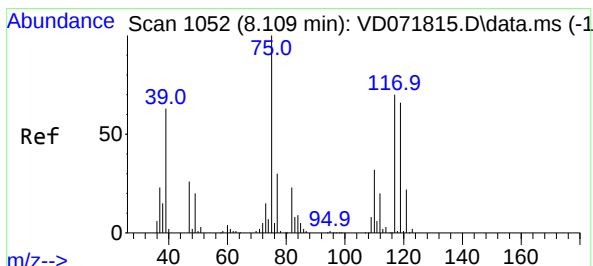
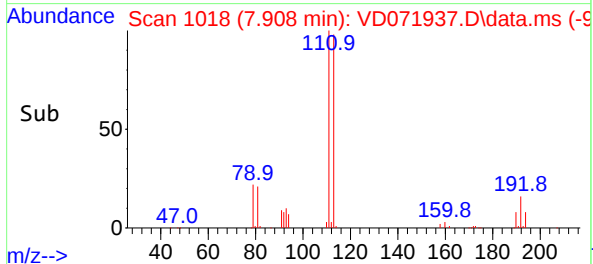
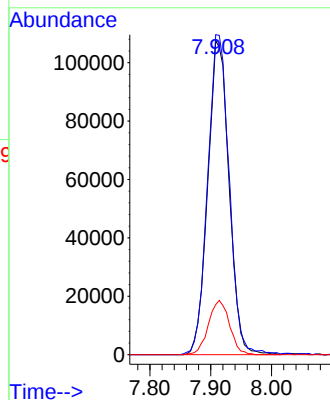
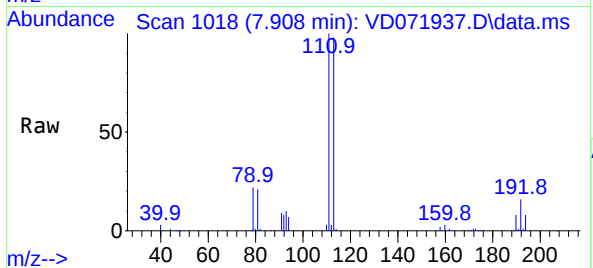




#35
Dibromofluoromethane
Concen: 48.469 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

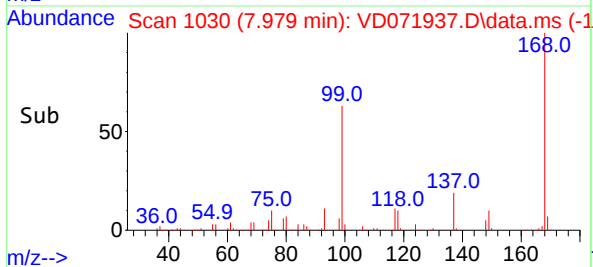
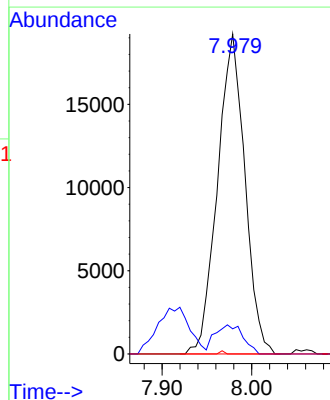
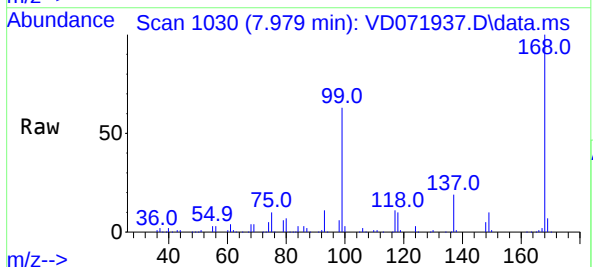
Instrument :
MSVOA_D
ClientSampleId :

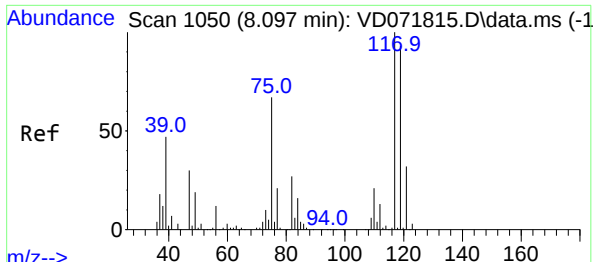
Tgt Ion:113 Resp: 261183
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.399 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

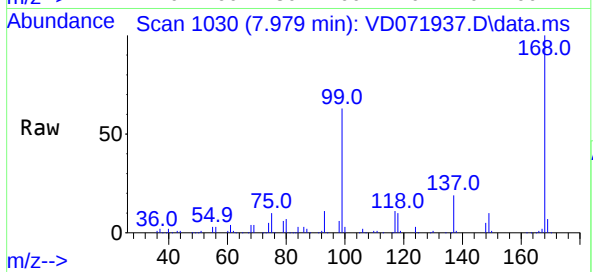
Tgt Ion: 75 Resp: 40688
Ion Ratio Lower Upper
75 100
110 9.3 16.4 49.1#
77 0.2 24.2 36.2#



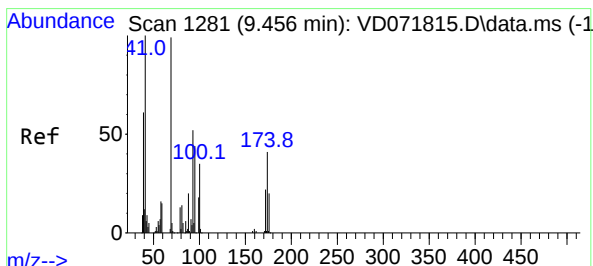
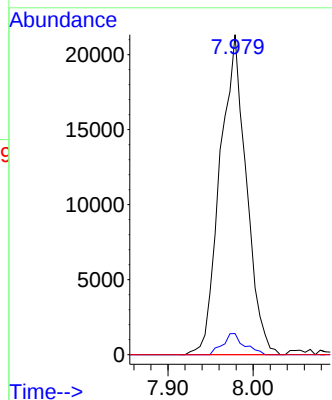
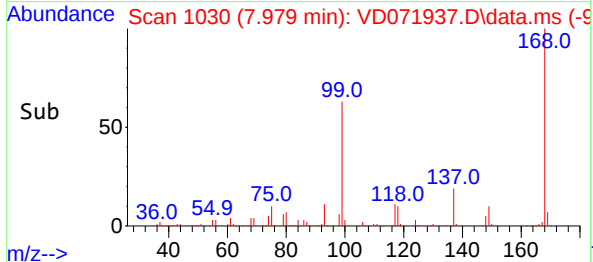


#38
Carbon Tetrachloride
Concen: 5.013 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :

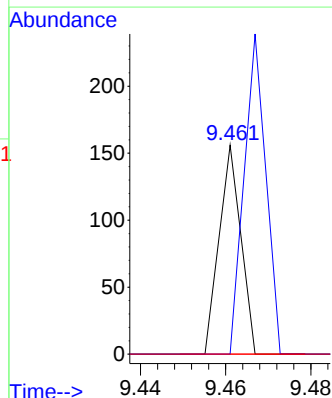
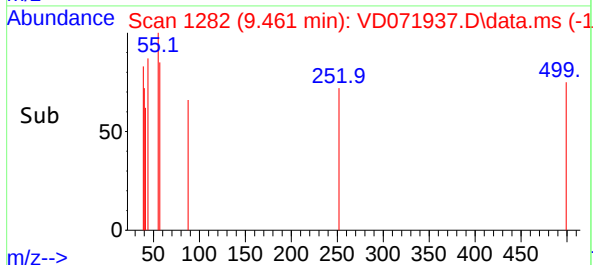
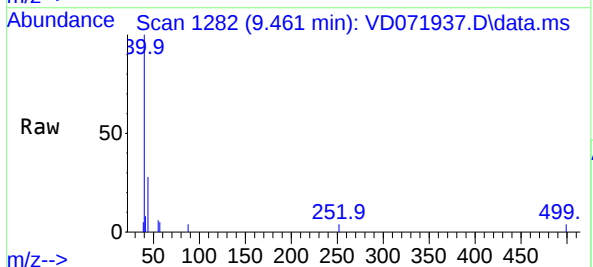


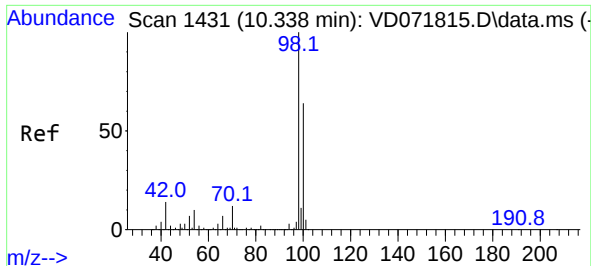
Tgt Ion:117 Resp: 45855
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 1.430 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 152.7 31.0 46.4#
58 0.0 58.1 87.1#

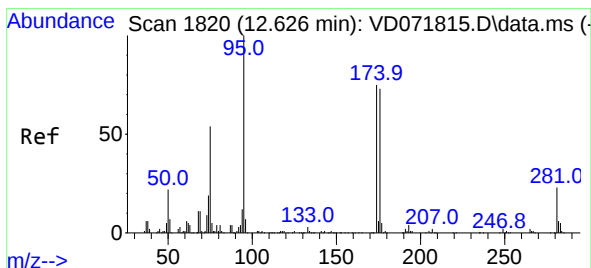
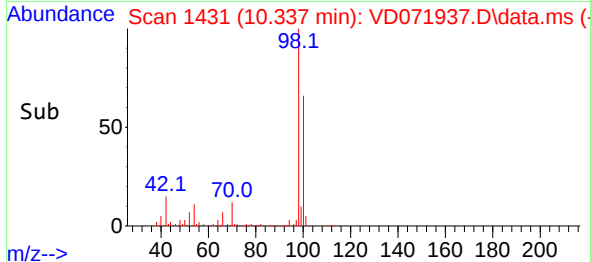
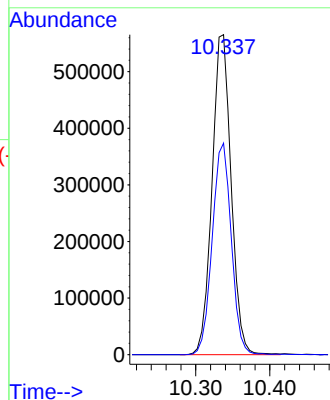
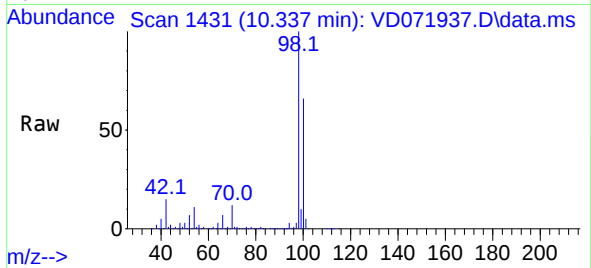




#50
Toluene-d8
Concen: 50.267 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

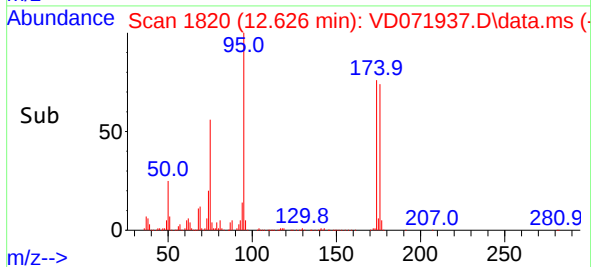
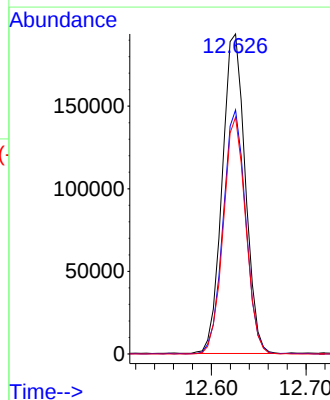
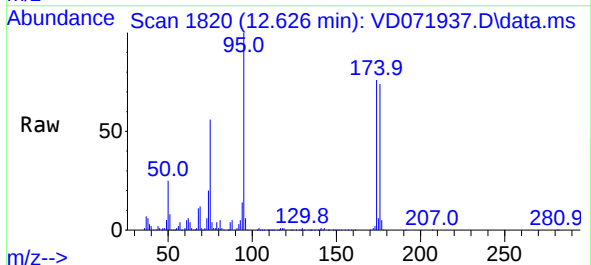
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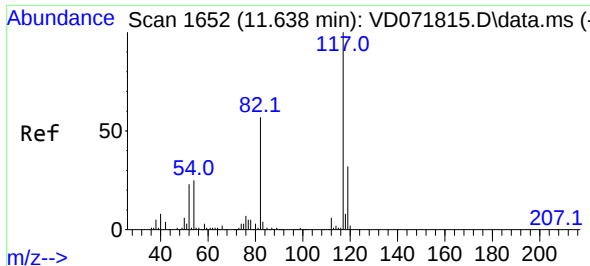
Tgt Ion: 98 Resp: 1011624
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.508 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

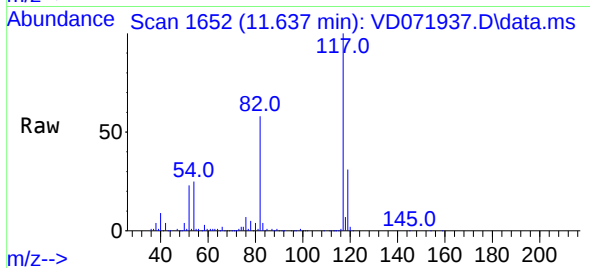
Tgt Ion: 95 Resp: 326849
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.0 0.0 145.4



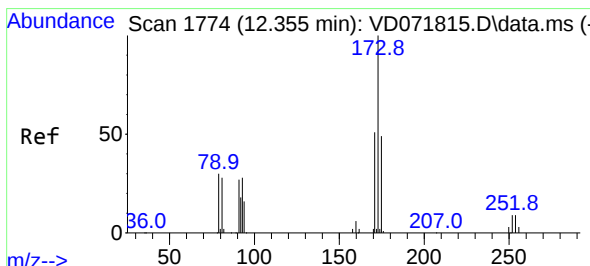
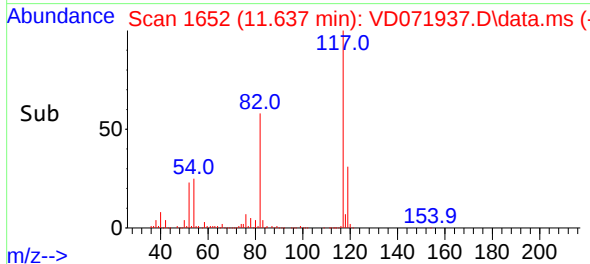
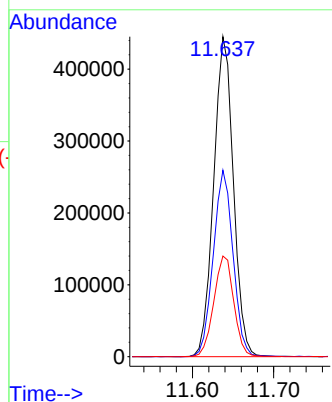


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :

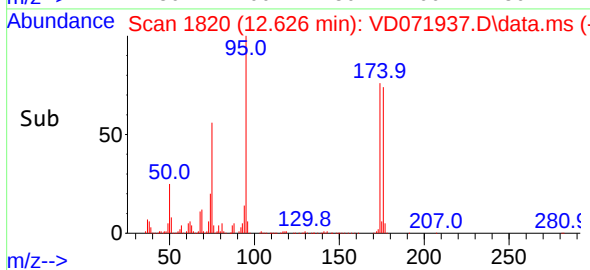
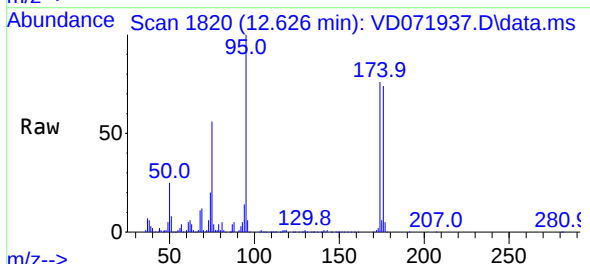
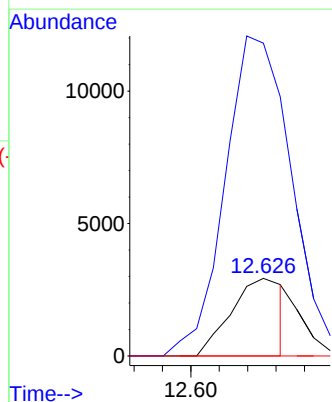


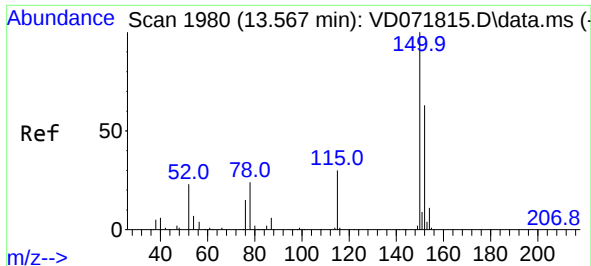
Tgt Ion:117 Resp: 752037
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 31.5 26.6 40.0



#71
Bromoform
Concen: 1.213 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.270 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

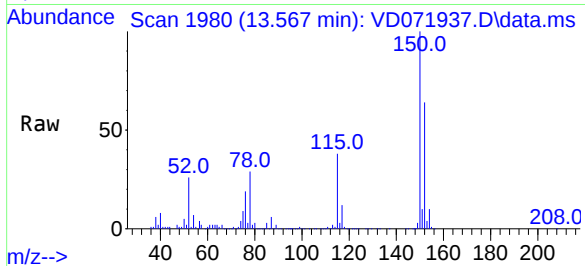
Tgt Ion:173 Resp: 3749
Ion Ratio Lower Upper
173 100
175 439.9 23.9 71.8#
254 0.0 0.0 0.0



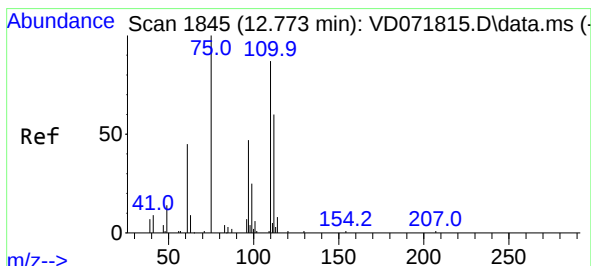
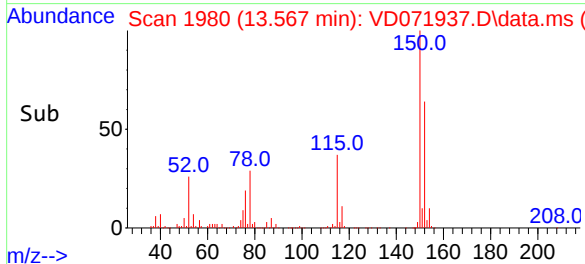
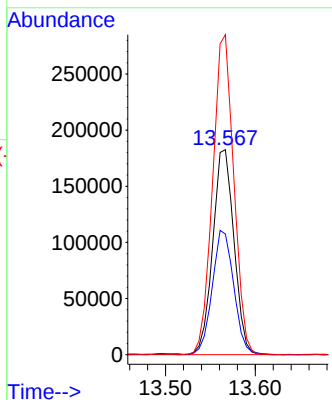


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071937.D
 Acq: 11 Feb 2022 14:44

Instrument :
 MSVOA_D
 ClientSampleId :

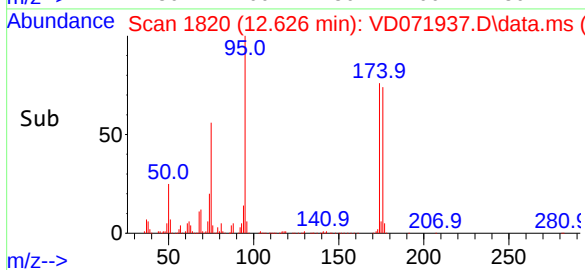
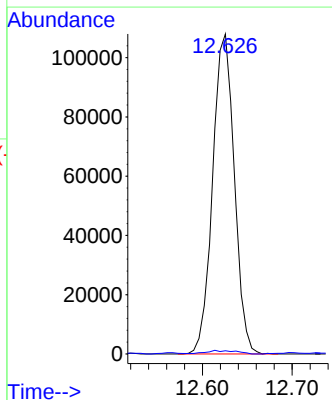
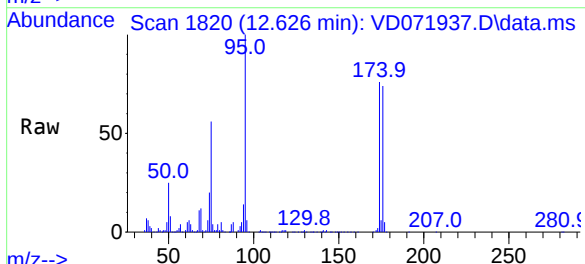


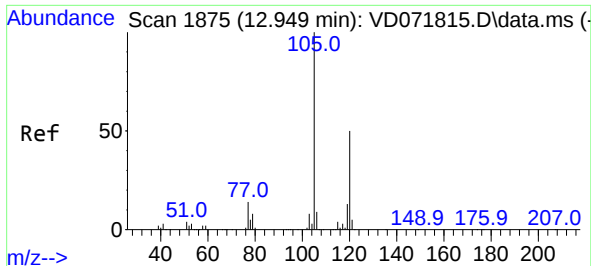
Tgt Ion:152 Resp: 300656
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.3 93.8
 150 155.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 57.137 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071937.D
 Acq: 11 Feb 2022 14:44

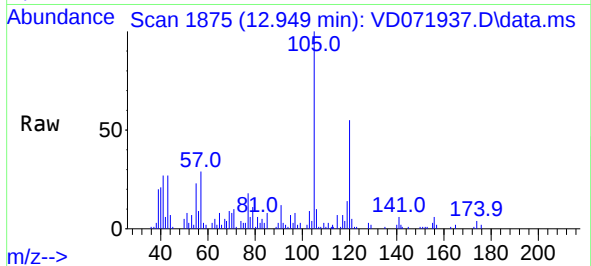
Tgt Ion: 75 Resp: 181040
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



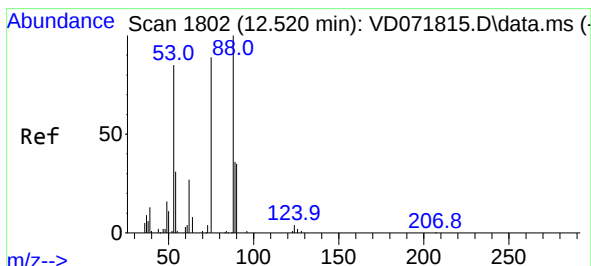
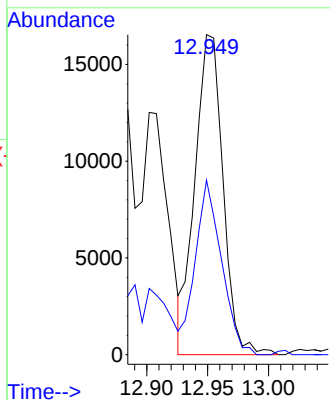
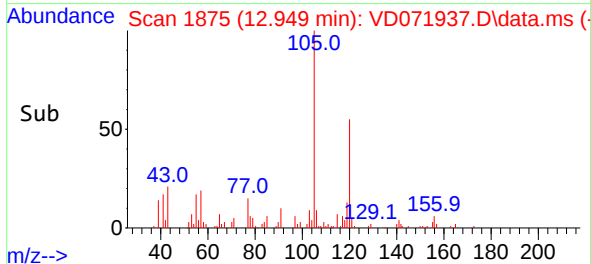


#80
1,3,5-Trimethylbenzene
Concen: 1.373 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

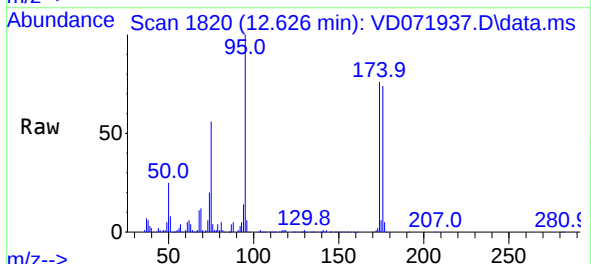
Instrument :
MSVOA_D
ClientSampleId :



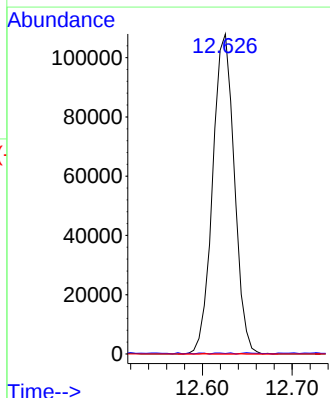
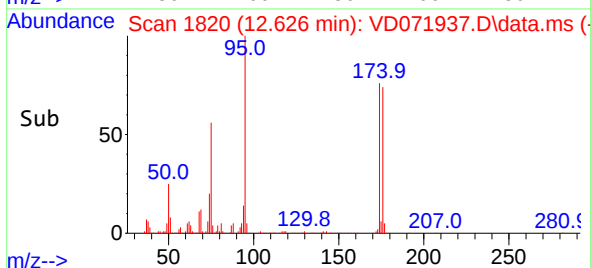
Tgt Ion:105 Resp: 26520
Ion Ratio Lower Upper
105 100
120 51.1 24.3 72.8

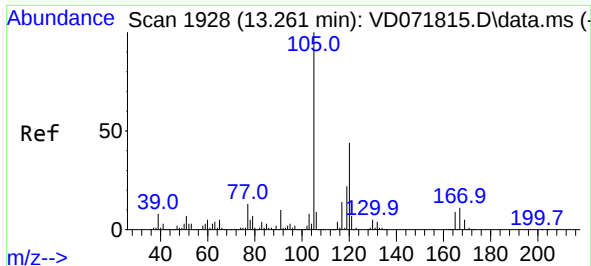


#81
trans-1,4-Dichloro-2-butene
Concen: 140.486 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44



Tgt Ion: 75 Resp: 181040
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

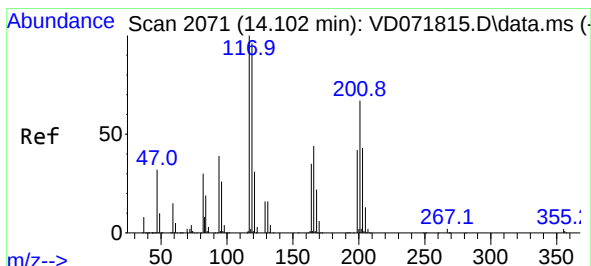
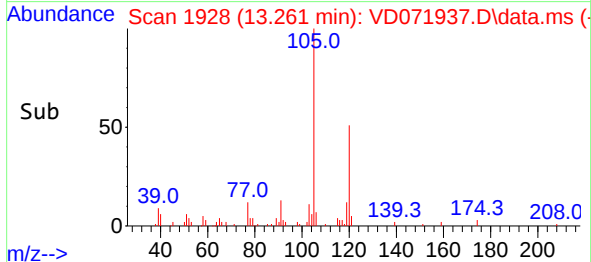
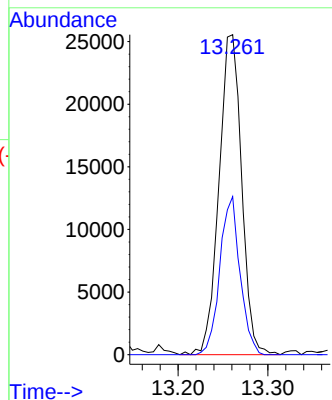
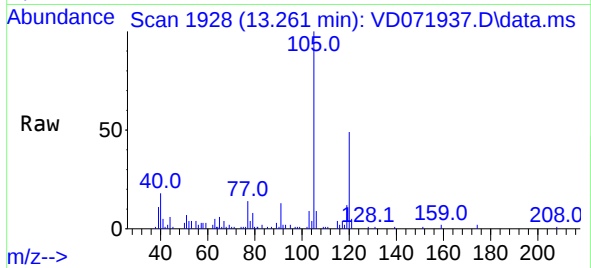




#84
1,2,4-Trimethylbenzene
Concen: 2.359 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

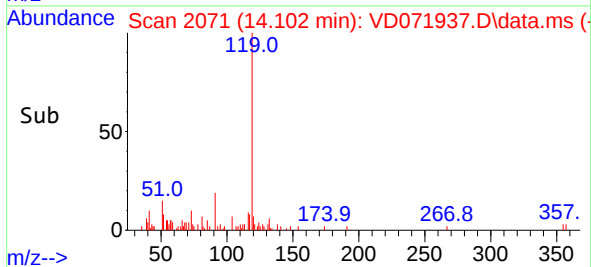
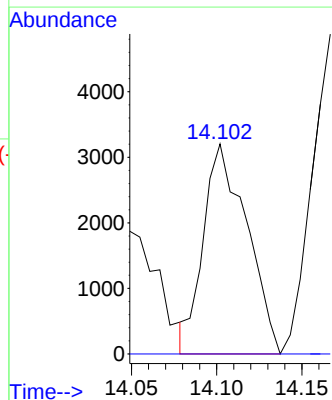
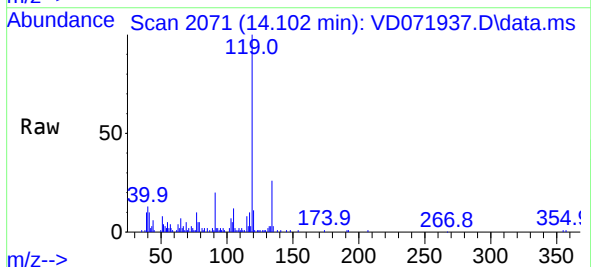
Instrument :
MSVOA_D
ClientSampleId :

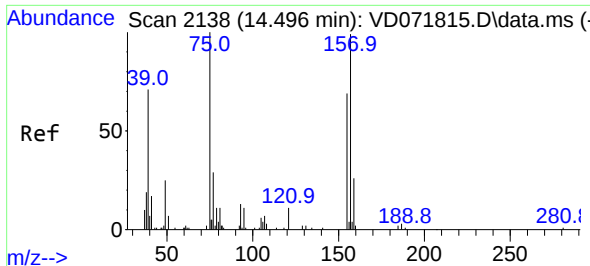
Tgt Ion:105 Resp: 44802
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8



#90
Hexachloroethane
Concen: 1.406 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion:117 Resp: 5685
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#

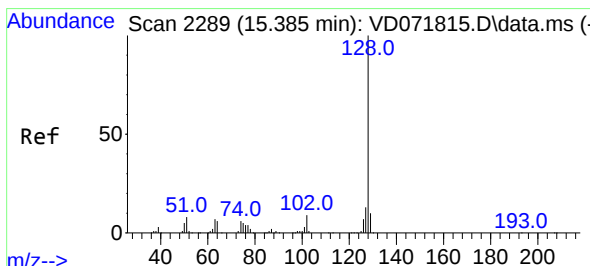
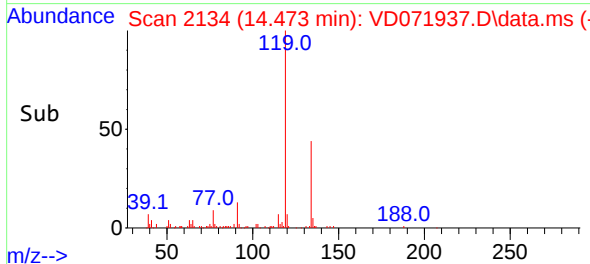
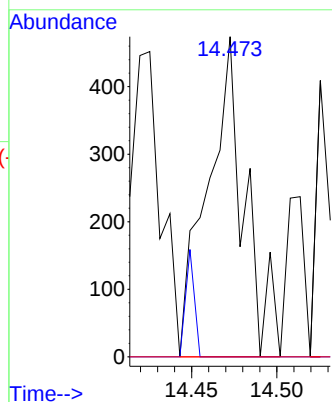
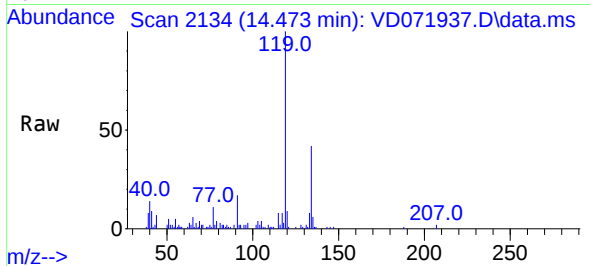




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.006 ug/l
RT: 14.473 min Scan# 2138
Delta R.T. -0.018 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 718
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#



#95
Naphthalene
Concen: 3.236 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD071937.D
Acq: 11 Feb 2022 14:44

Tgt Ion:128 Resp: 19170
Ion Ratio Lower Upper
128 100
127 19.1 10.3 15.5#
129 5.7 8.4 12.6#

