

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021522\
 Data File : VD071974.D
 Acq On : 15 Feb 2022 12:53
 Operator : VA/SY
 Sample : N1524-02RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:35:19 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)

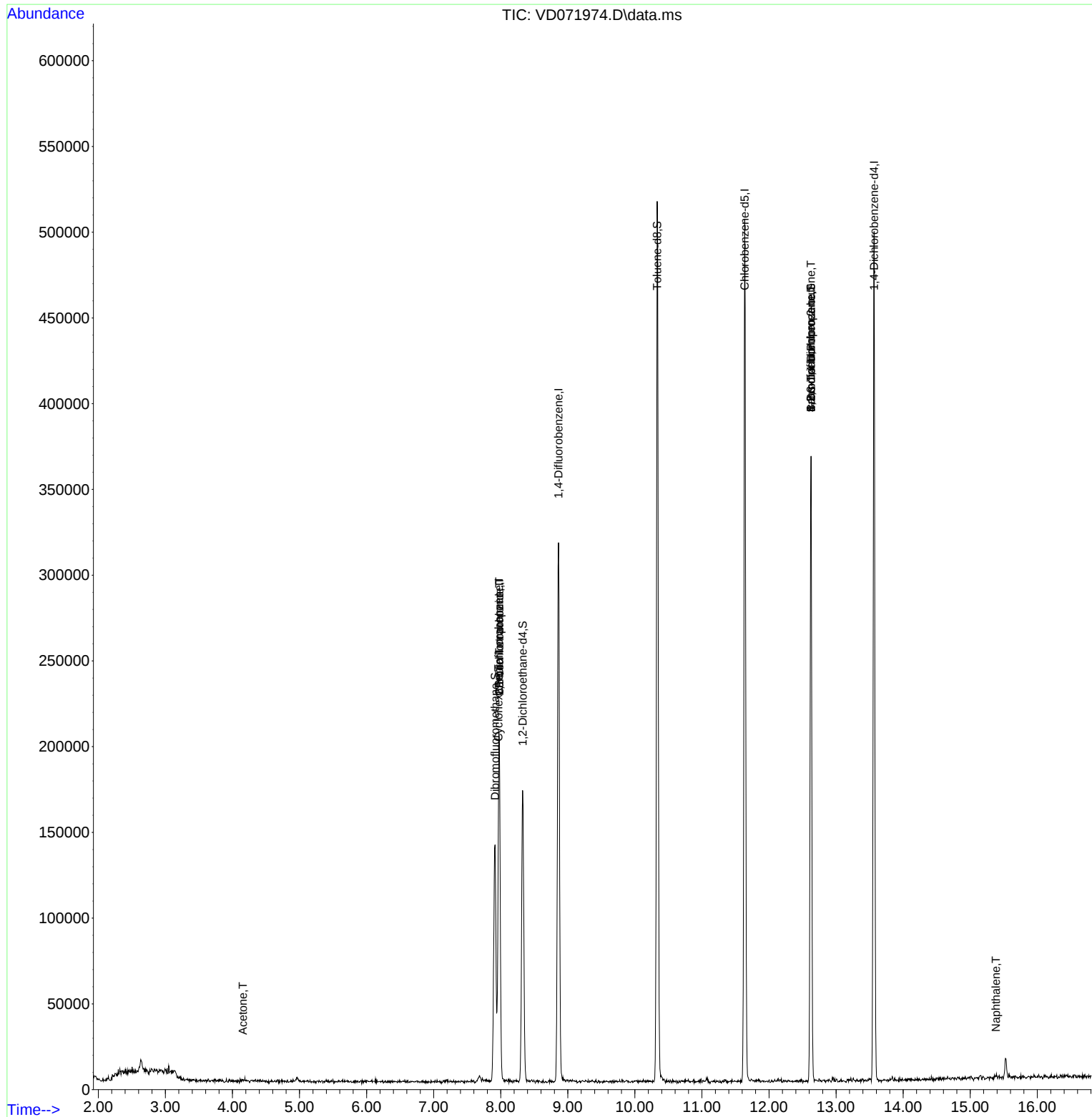
Internal Standards						
1) Pentafluorobenzene	7.973	168	138434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	253921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	266505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	118483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140723	80.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.860%	
35) Dibromofluoromethane	7.914	113	99355	59.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.060%	
50) Toluene-d8	10.332	98	334977	53.738	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.626	95	119177	54.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	55	Below Cal	#	74
16) Acetone	4.156	43	1914	3.996	ug/l #	89
20) Methylene Chloride	4.956	84	510	Below Cal	#	84
31) Cyclohexane	7.967	56	4160	1.245	ug/l #	24
36) 1,1-Dichloropropene	7.979	75	13433	4.689	ug/l #	52
38) Carbon Tetrachloride	7.979	117	14676	5.180	ug/l #	17
71) Bromoform	12.626	173	1742	1.591	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	65645	52.572	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	65645	129.263	ug/l #	7
95) Naphthalene	15.385	128	1421	1.789	ug/l #	80

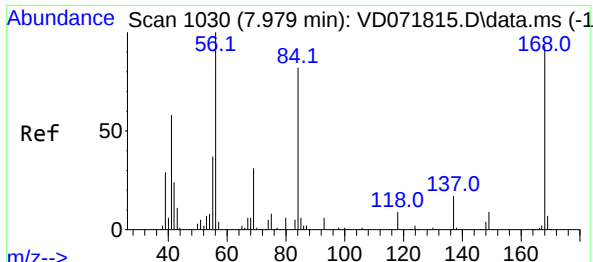
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 27 06:04:38 2022
Response via : Initial Calibration

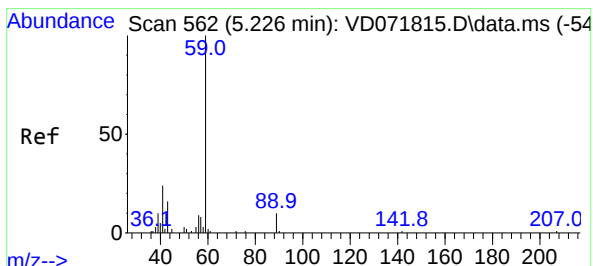
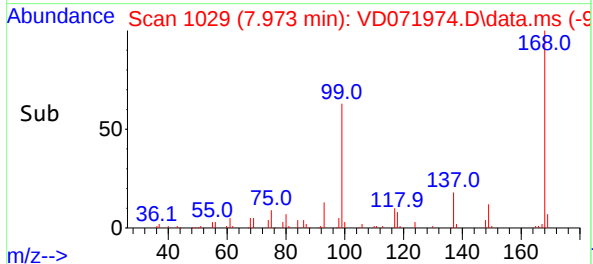
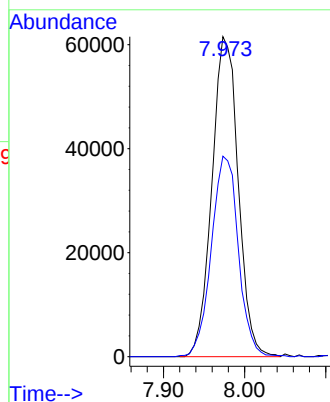
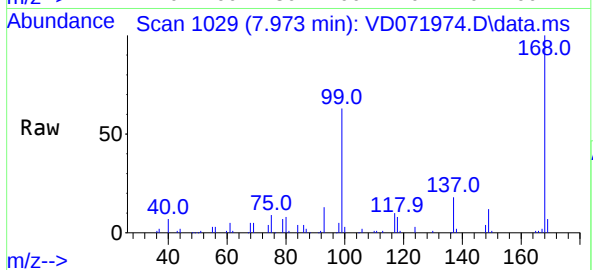




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

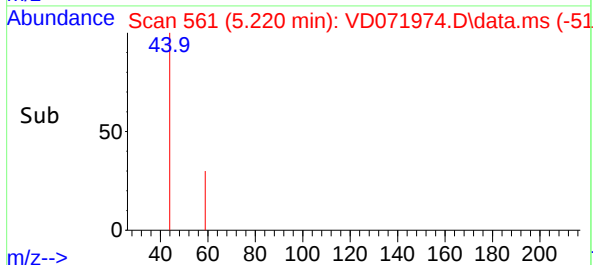
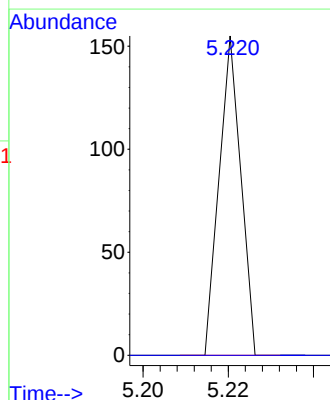
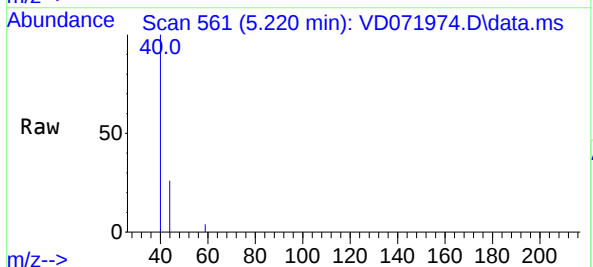
Instrument :
MSVOA_D
ClientSampleId :

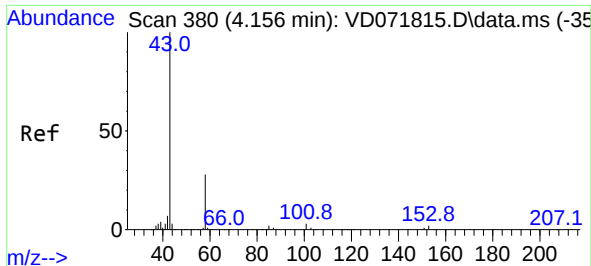
Tgt Ion:168 Resp: 138434
Ion Ratio Lower Upper
168 100
99 62.3 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

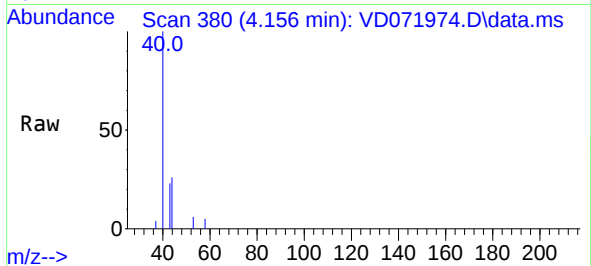
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



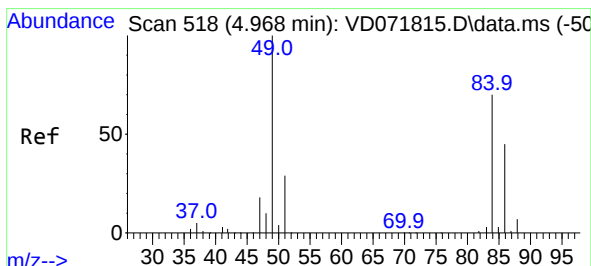
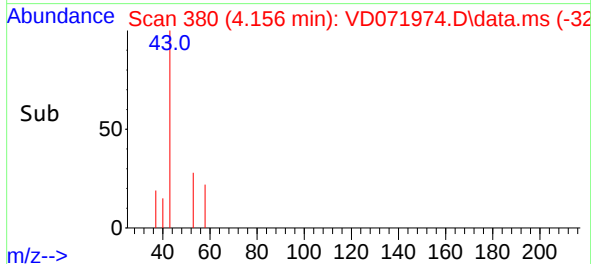
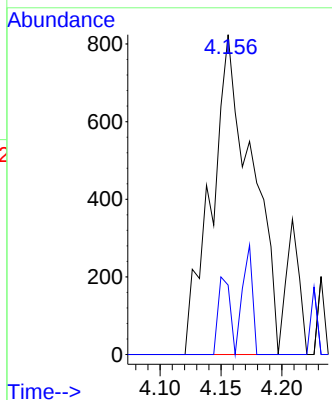


#16
Acetone
Concen: 3.996 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Instrument :
MSVOA_D
ClientSampleId :

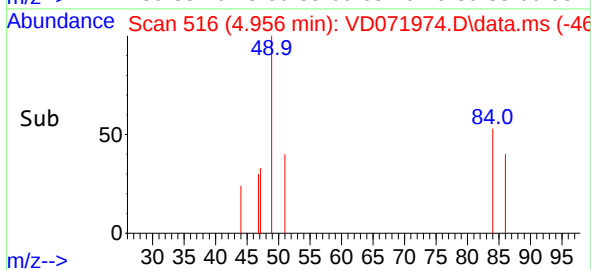
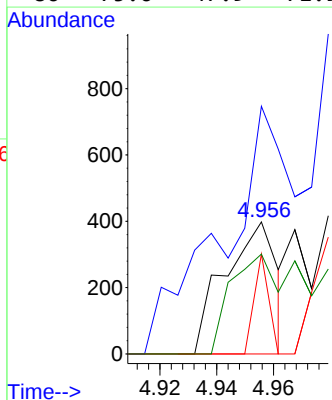
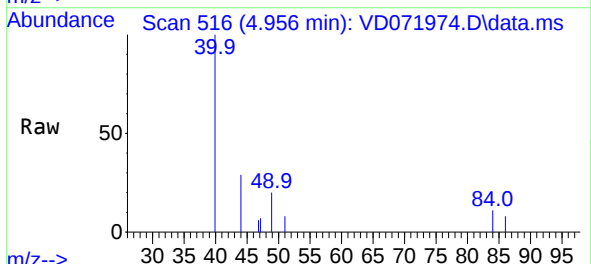


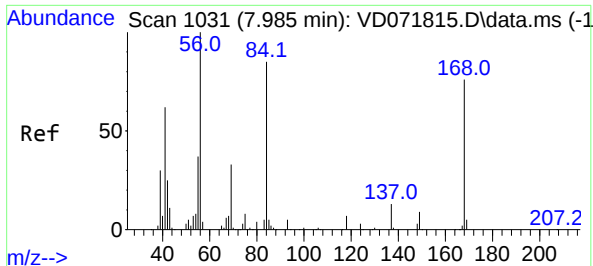
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 21.7 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 143.2 112.8 169.2
51 75.6 32.6 48.8#
86 75.6 47.9 71.9#





#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.018 min

Lab File: VD071974.D

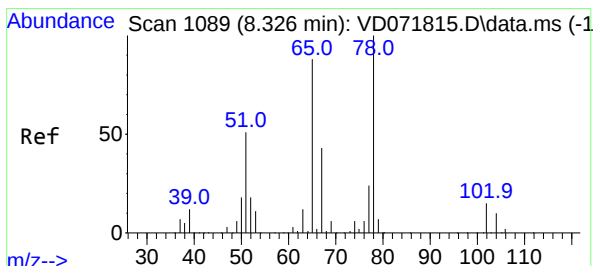
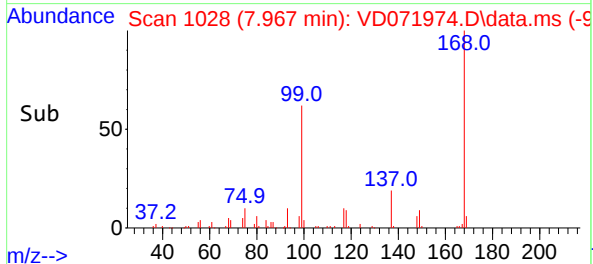
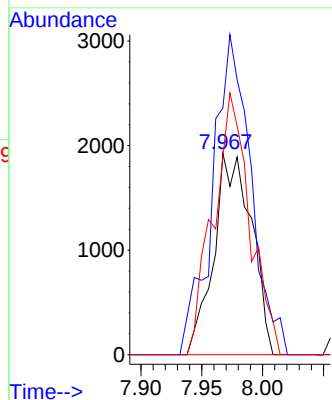
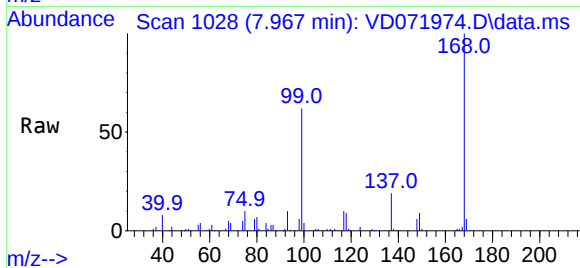
Acq: 15 Feb 2022 12:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56	Resp: 4160
Ion Ratio	Lower Upper
56	100
69	122.8 25.4 38.2#
84	113.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 80.425 ug/l

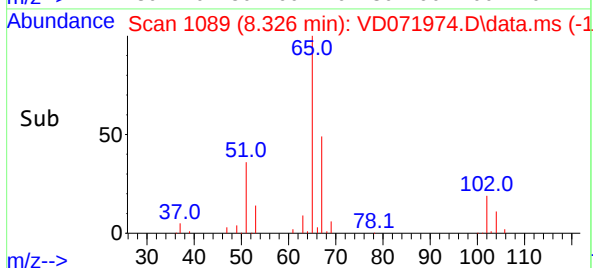
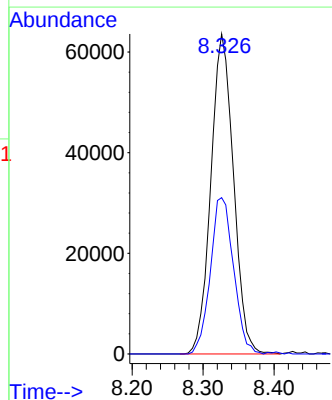
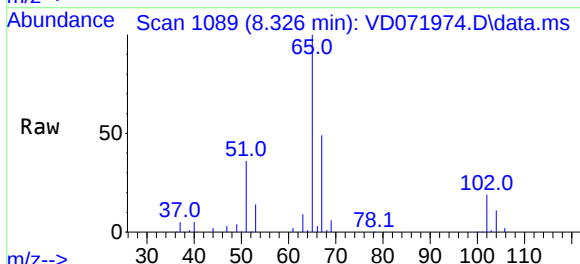
RT: 8.326 min Scan# 1089

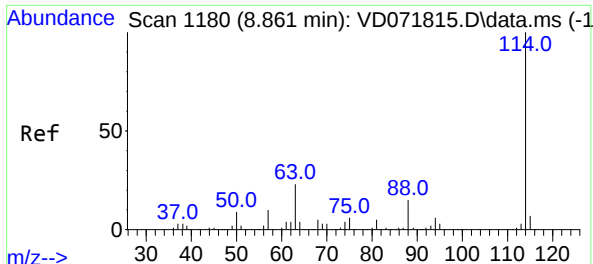
Delta R.T. 0.000 min

Lab File: VD071974.D

Acq: 15 Feb 2022 12:53

Tgt Ion: 65	Resp: 140723
Ion Ratio	Lower Upper
65	100
67	50.0 0.0 101.4

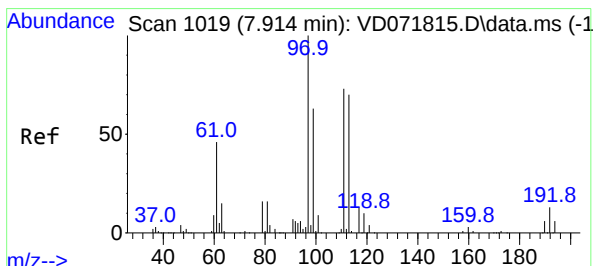
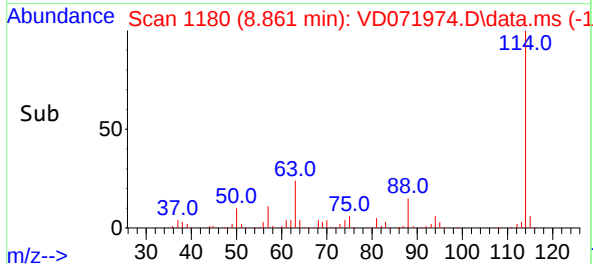
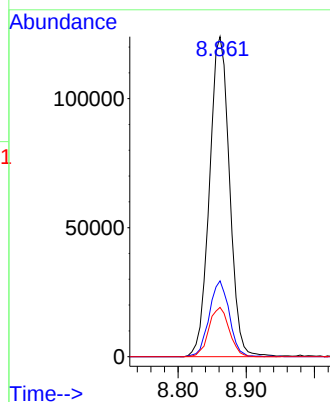
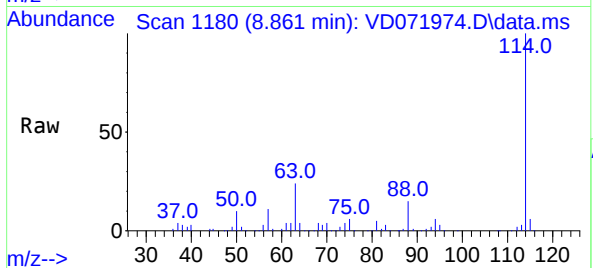




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

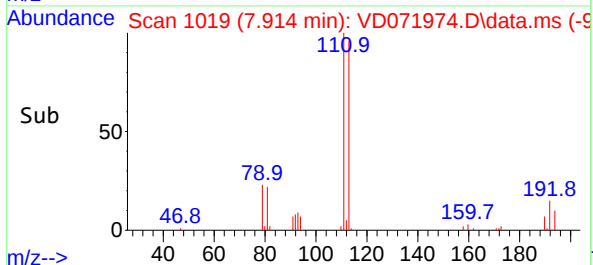
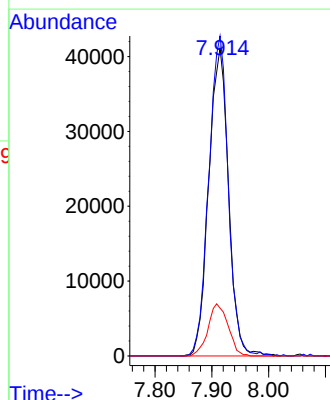
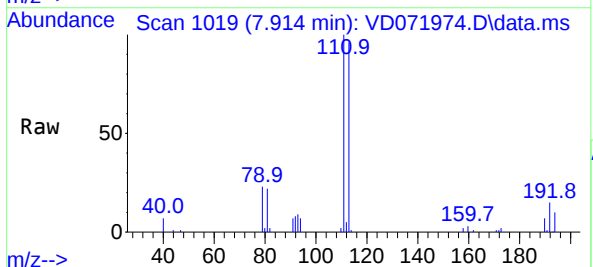
Instrument :
MSVOA_D
ClientSampleId :

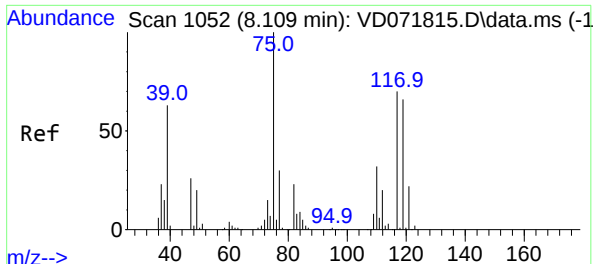
Tgt Ion:114 Resp: 253921
Ion Ratio Lower Upper
114 100
63 23.7 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 59.526 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion:113 Resp: 99355
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.2 14.6 21.8

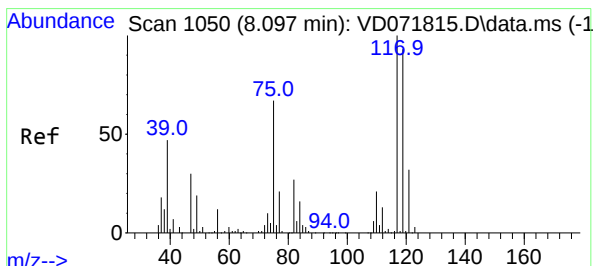
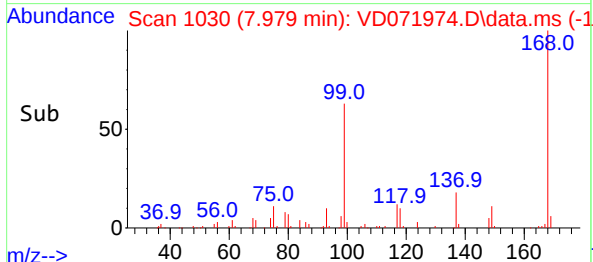
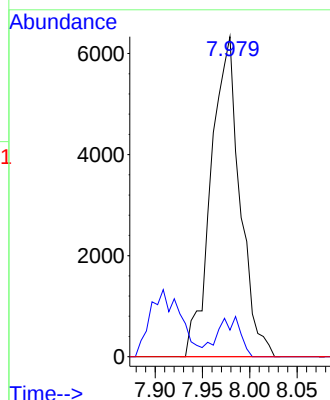
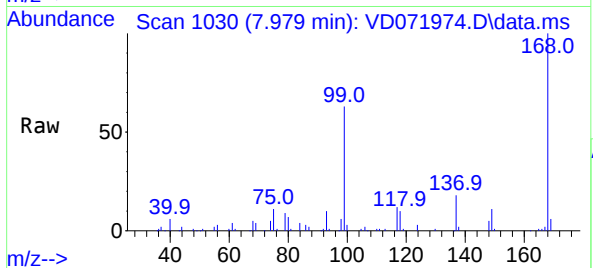




#36
1,1-Dichloropropene
Concen: 4.689 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

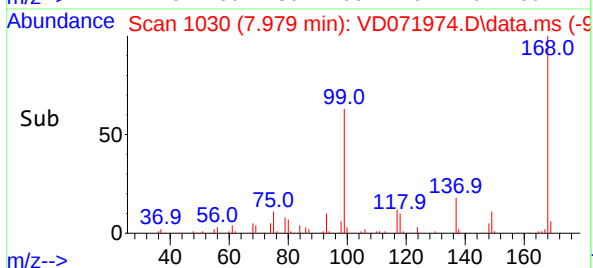
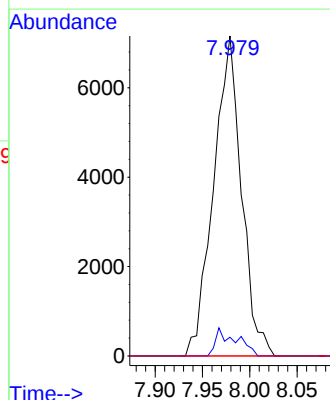
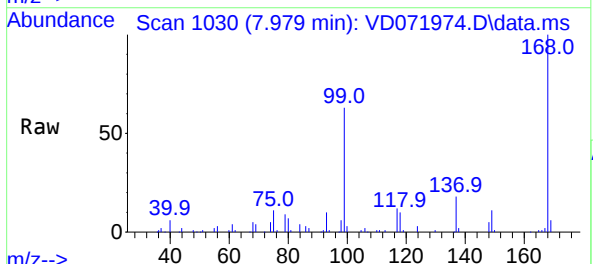
Instrument :
MSVOA_D
ClientSampleId :

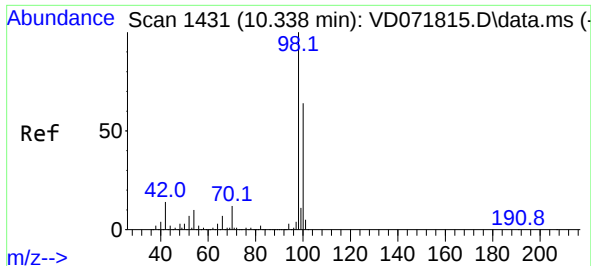
Tgt Ion: 75 Resp: 13433
Ion Ratio Lower Upper
75 100
110 9.8 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.180 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion: 117 Resp: 14676
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.5 36.7#

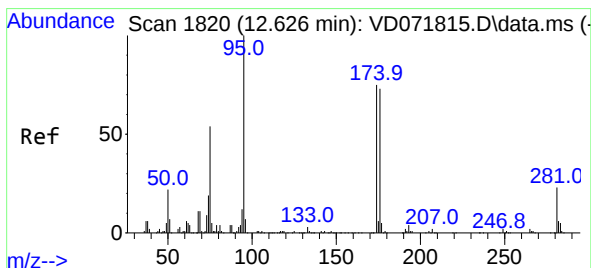
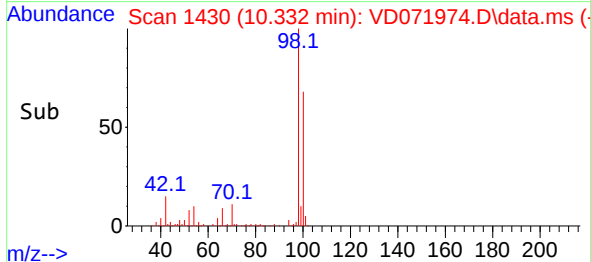
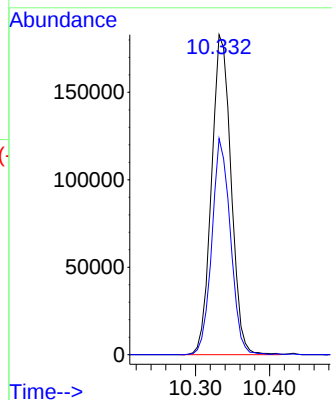
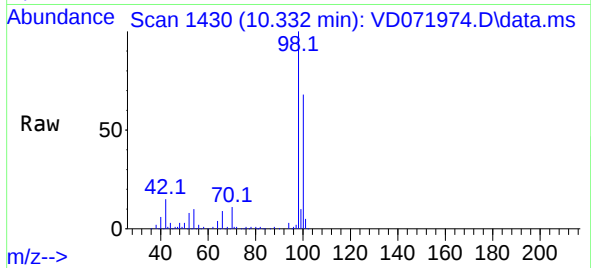




#50
Toluene-d8
Concen: 53.738 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

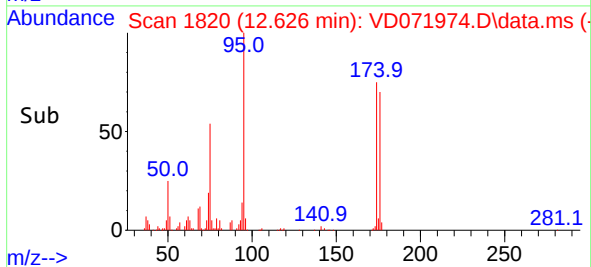
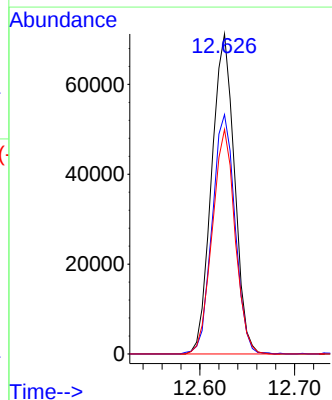
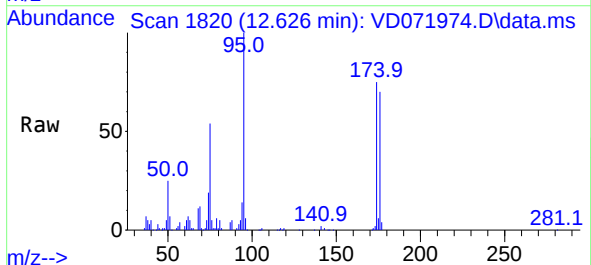
Instrument :
MSVOA_D
ClientSampleId :

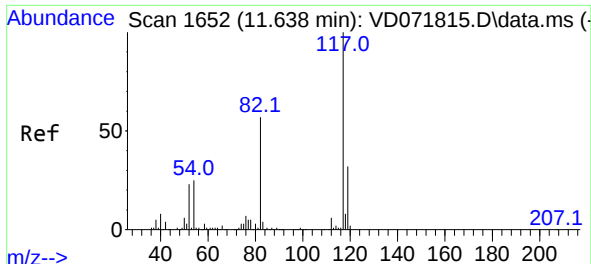
Tgt Ion: 98 Resp: 334977
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.748 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

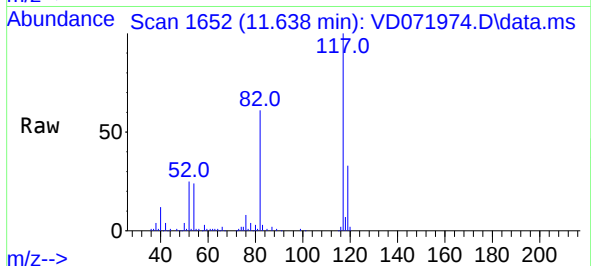
Tgt Ion: 95 Resp: 119177
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 69.9 0.0 145.4



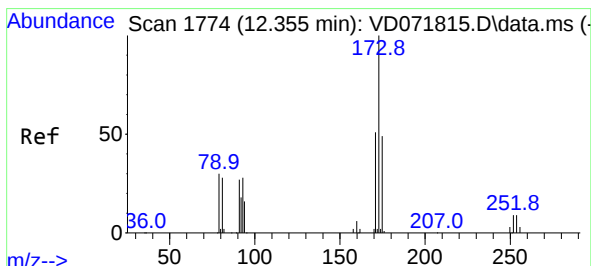
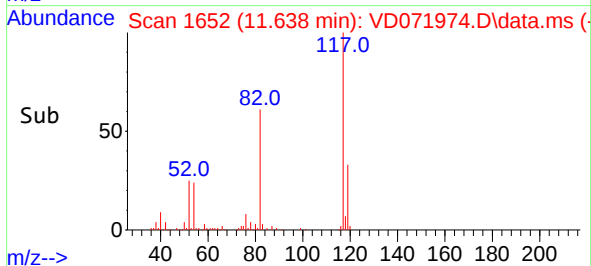
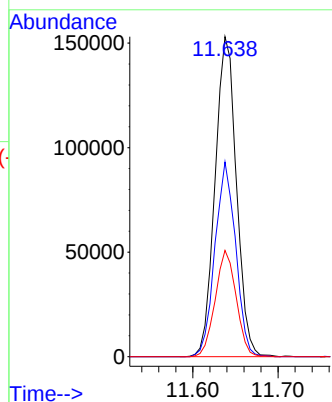


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Instrument :
MSVOA_D
ClientSampleId :

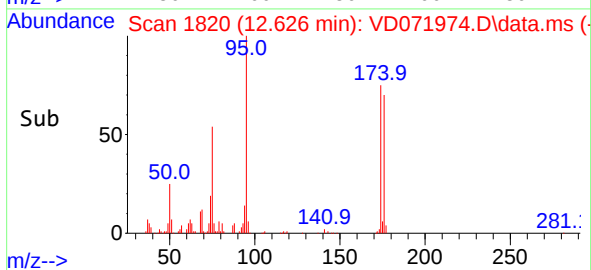
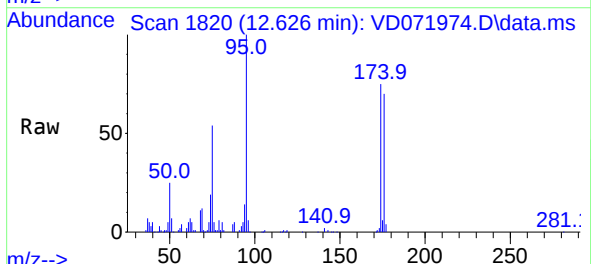
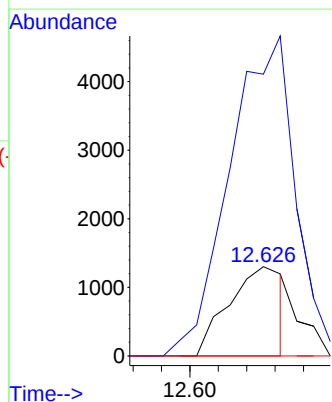


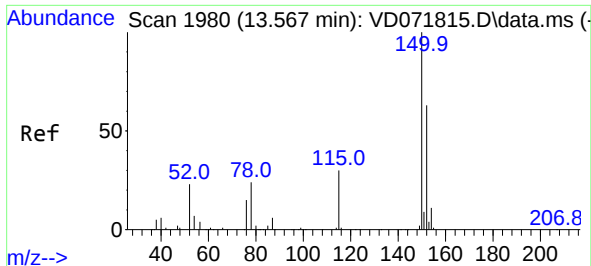
Tgt Ion:117 Resp: 266505
Ion Ratio Lower Upper
117 100
82 60.8 45.3 67.9
119 33.2 26.6 40.0



#71
Bromoform
Concen: 1.591 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion:173 Resp: 1742
Ion Ratio Lower Upper
173 100
175 268.1 23.9 71.8#
254 0.0 0.0 0.0

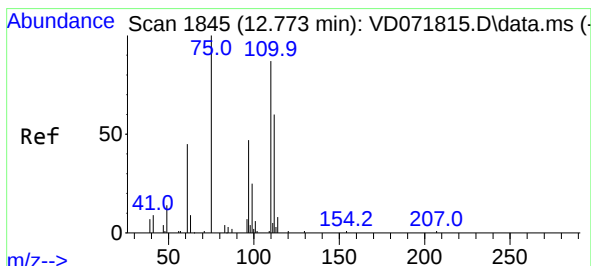
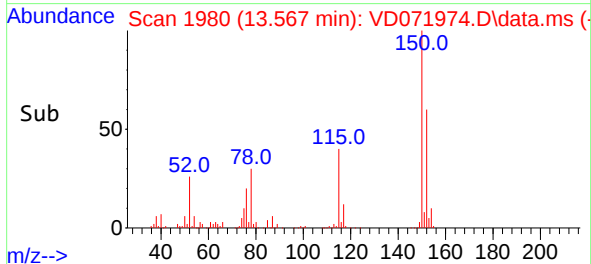
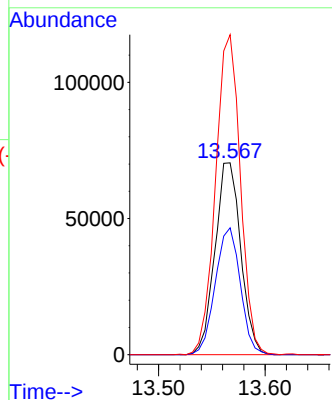
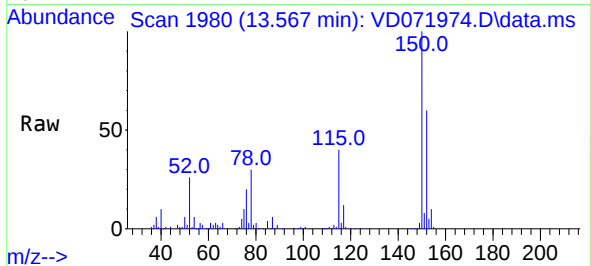




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

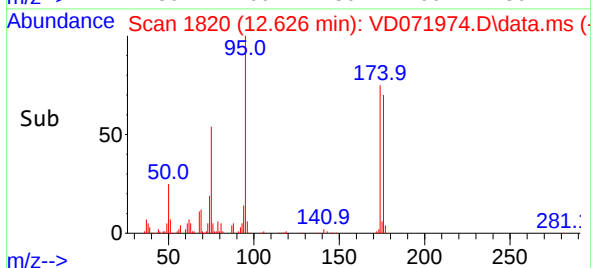
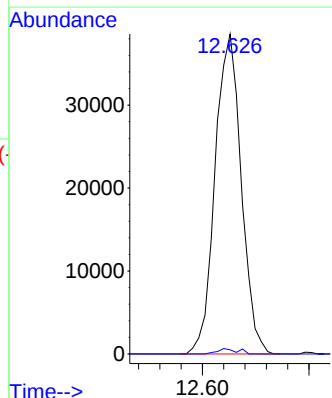
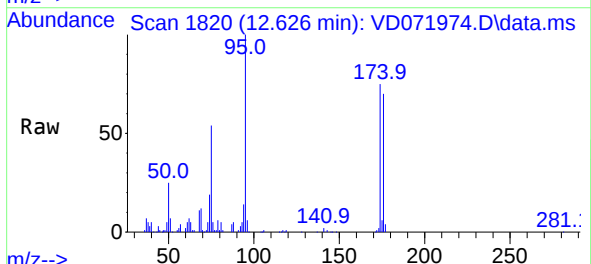
Instrument :
MSVOA_D
ClientSampleId :

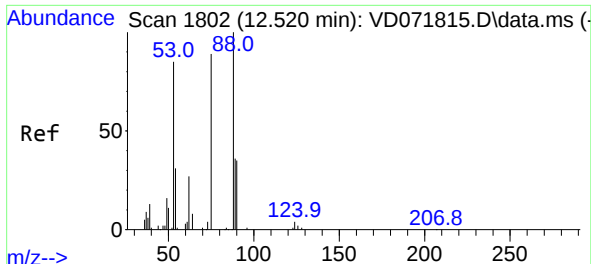
Tgt Ion:152 Resp: 118483
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.8
150 160.1 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 52.572 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion: 75 Resp: 65645
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

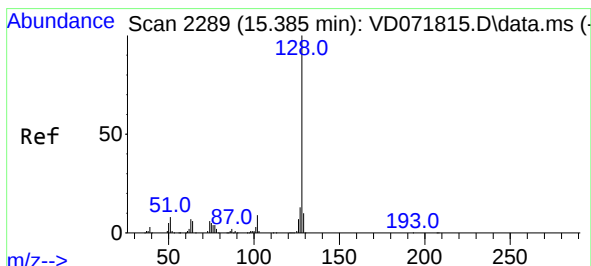
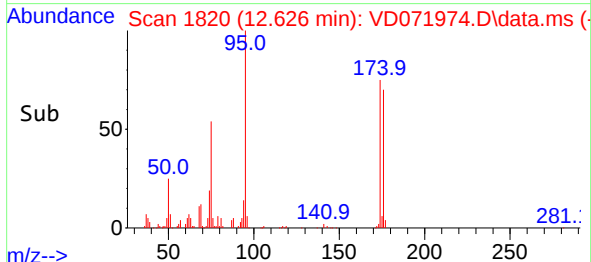
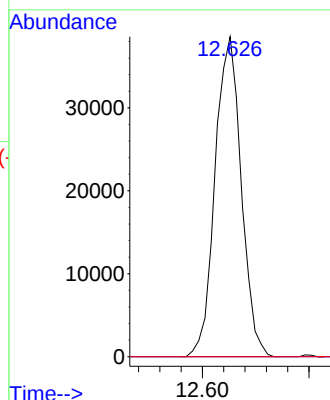
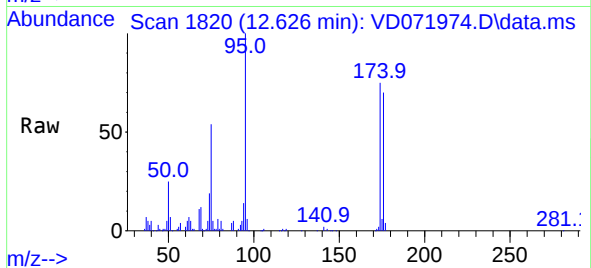




#81
trans-1,4-Dichloro-2-butene
Concen: 129.263 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 65645
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.789 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071974.D
Acq: 15 Feb 2022 12:53

Tgt Ion:128 Resp: 1421
Ion Ratio Lower Upper
128 100
127 7.9 10.3 15.5#
129 0.0 8.4 12.6#

