

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071948.D
 Acq On : 14 Feb 2022 11:01
 Operator : VA/SY
 Sample : VD0214SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0214SBL01

Quant Time: Feb 15 00:32:49 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)

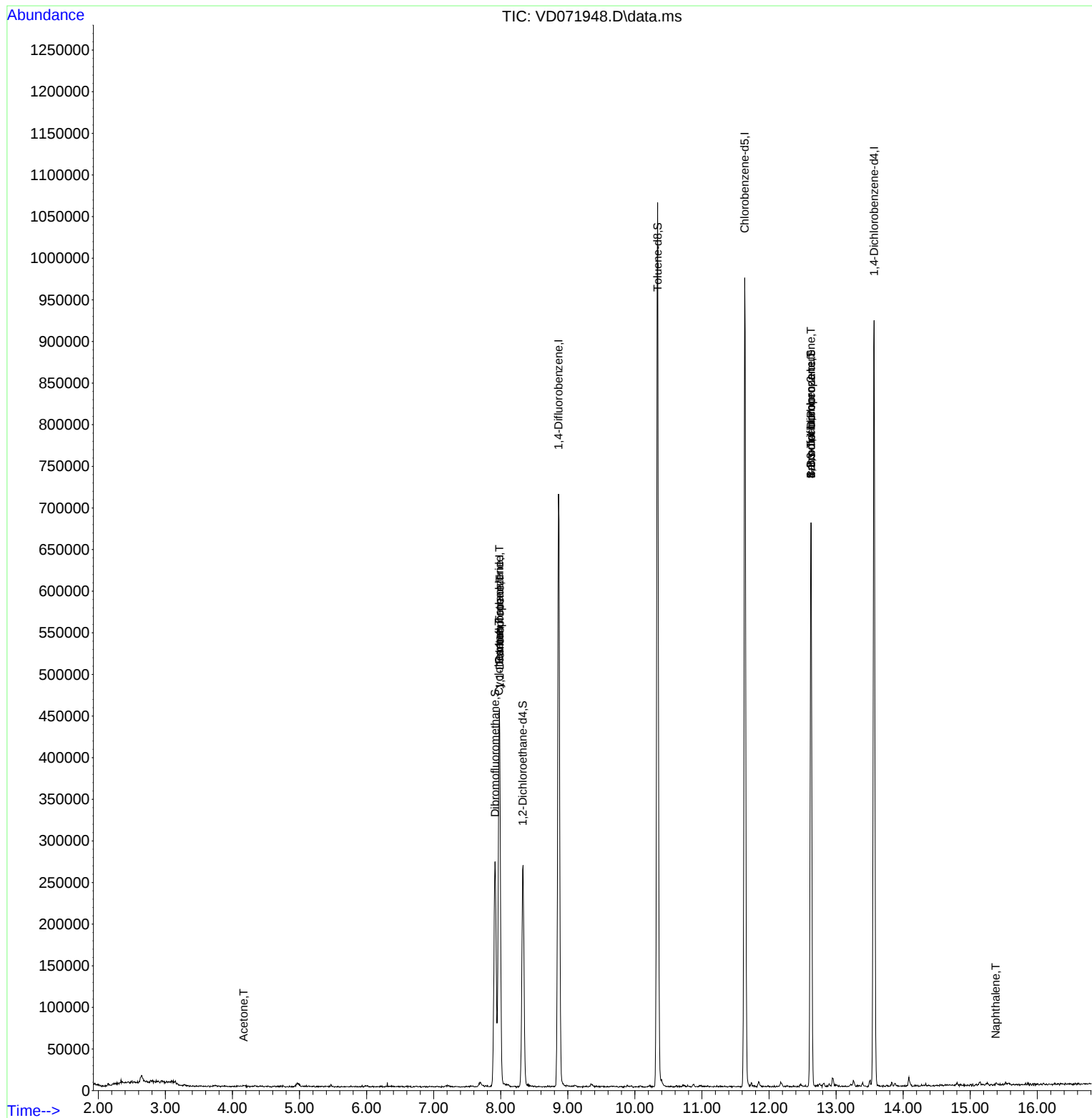
Internal Standards						
1) Pentafluorobenzene	7.979	168	316734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	511908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	227649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215714	53.883	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.760%			
35) Dibromofluoromethane	7.914	113	195707	53.088	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.180%			
50) Toluene-d8	10.338	98	667884	48.511	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.020%			
62) 4-Bromofluorobenzene	12.626	95	216710	45.075	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.140%			
Target Compounds						
11) Tert butyl alcohol	5.167	59	54	Below Cal	#	74
16) Acetone	4.167	43	2568	2.343	ug/l #	47
20) Methylene Chloride	4.967	84	2789	Below Cal	#	84
31) Cyclohexane	7.973	56	9928	1.299	ug/l #	47
36) 1,1-Dichloropropene	7.985	75	29648	4.686	ug/l #	52
38) Carbon Tetrachloride	7.979	117	33627	5.374	ug/l #	15
71) Bromoform	12.626	173	2587	1.230	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	122982	51.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	122982	126.039	ug/l #	7
95) Naphthalene	15.379	128	2418	1.751	ug/l #	95

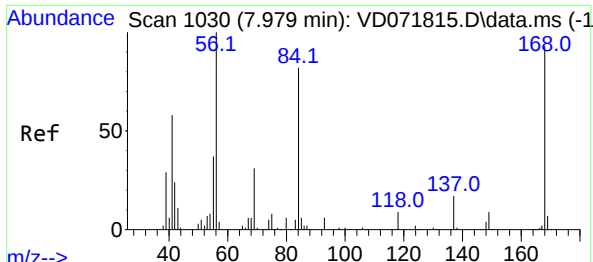
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071948.D
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Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

Quant Time: Feb 15 00:32:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
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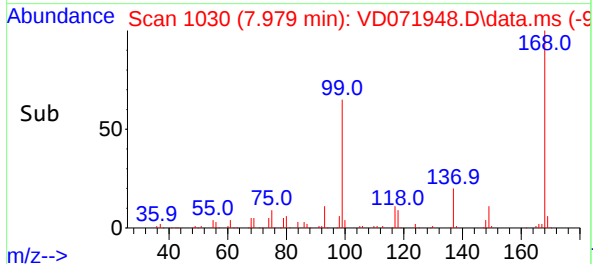
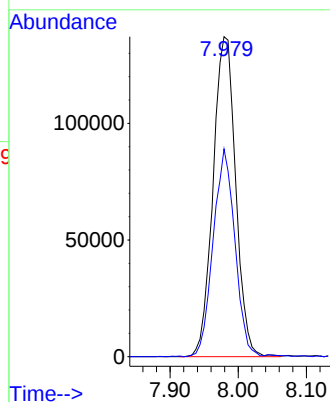
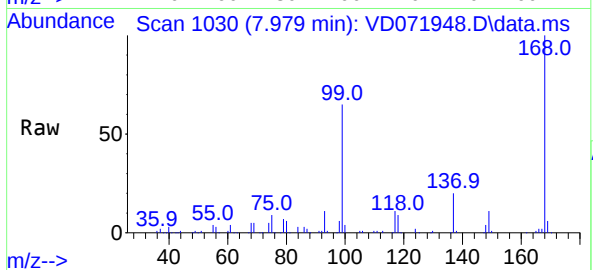




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

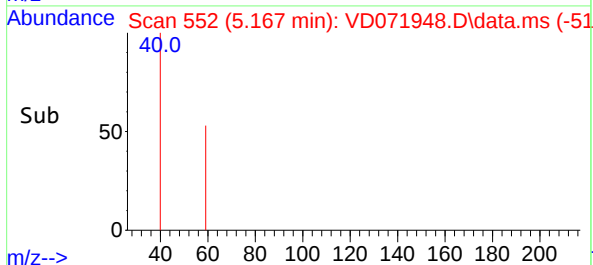
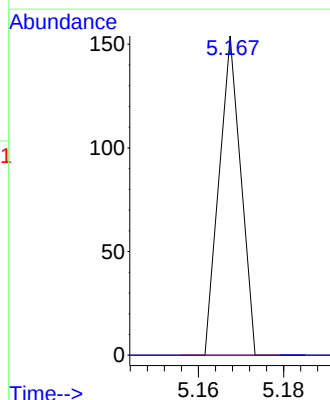
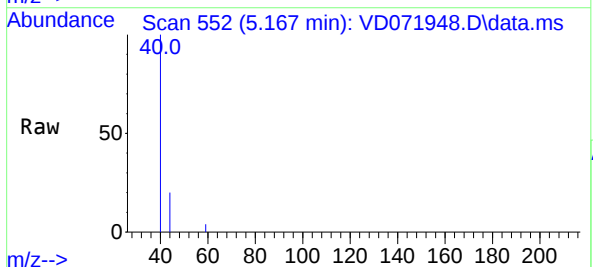
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

Tgt Ion:168 Resp: 316734
Ion Ratio Lower Upper
168 100
99 64.7 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.167 min Scan# 552
Delta R.T. -0.053 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

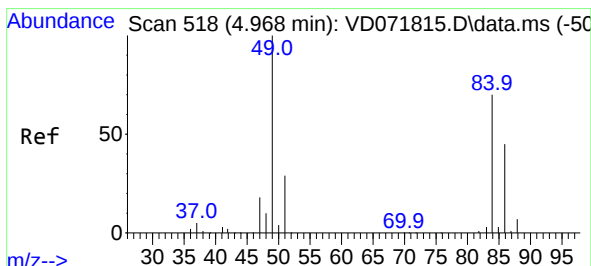
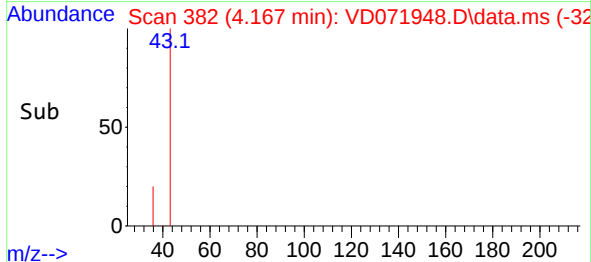
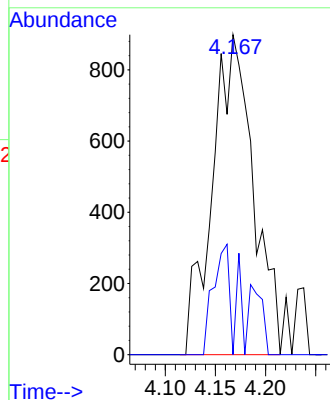
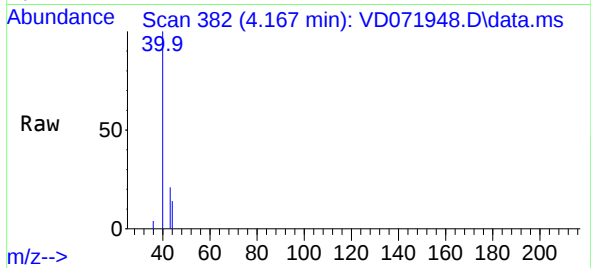




#16
Acetone
Concen: 2.343 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

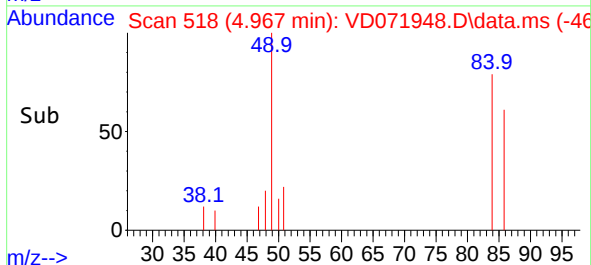
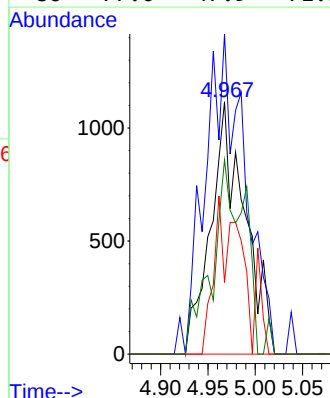
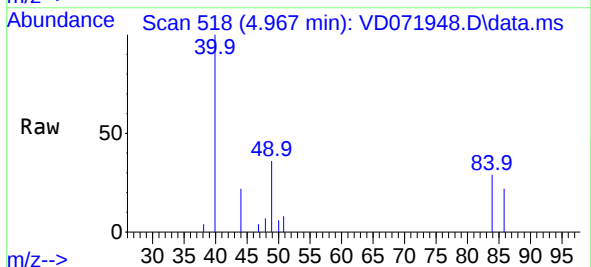
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

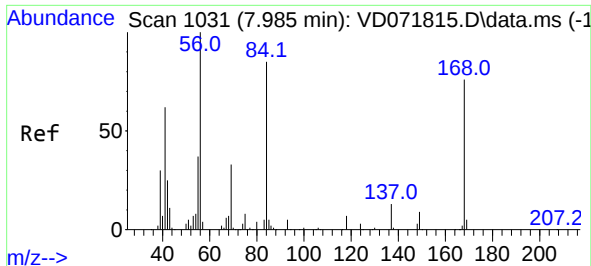
Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion: 84 Resp: 2789
Ion Ratio Lower Upper
84 100
49 126.9 112.8 169.2
51 28.4 32.6 48.8#
86 77.0 47.9 71.9#





#31

Cyclohexane

Concen: 1.299 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071948.D

Acq: 14 Feb 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0214SBL01

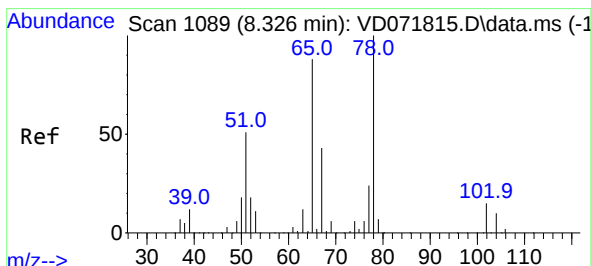
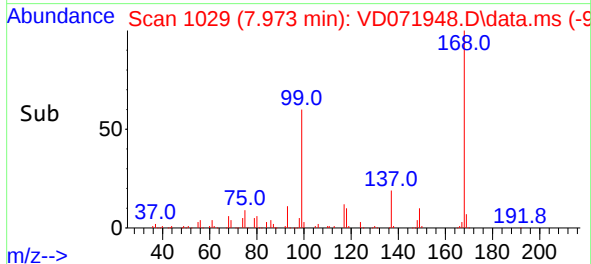
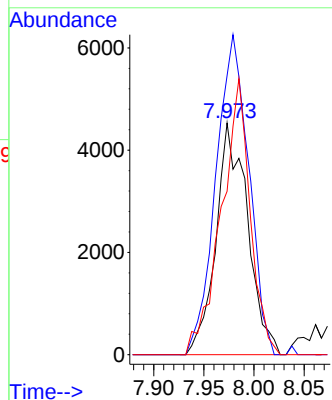
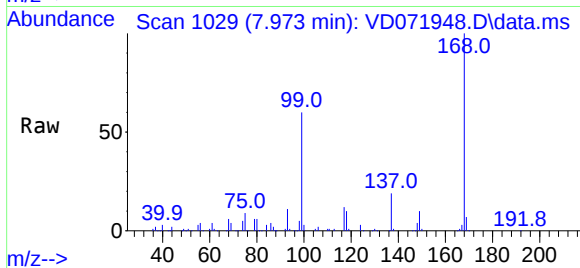
Tgt Ion: 56 Resp: 9928

Ion Ratio Lower Upper

56 100

69 120.5 25.4 38.2#

84 70.5 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 53.883 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071948.D

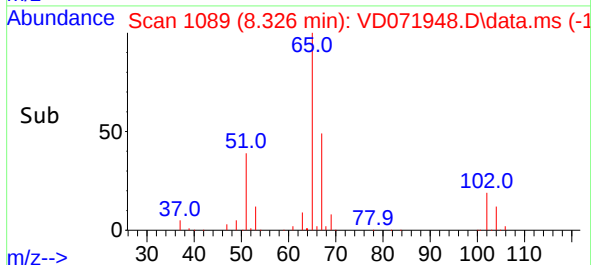
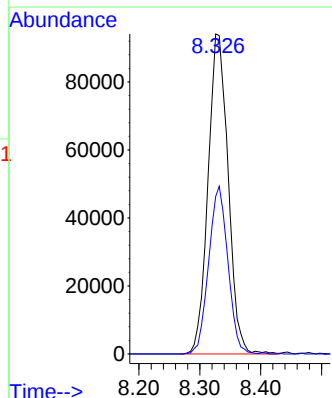
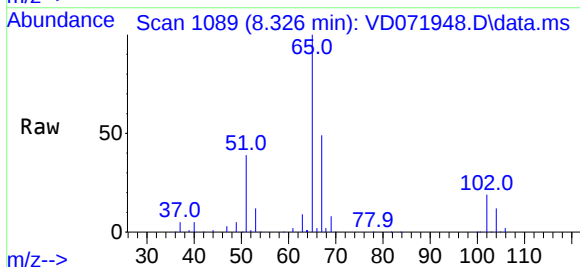
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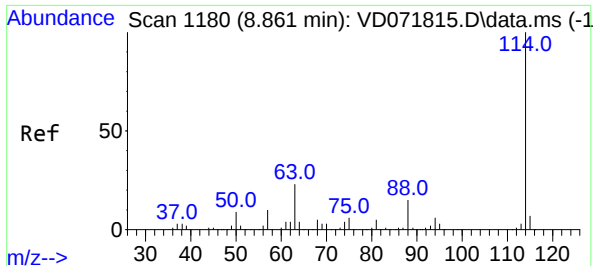
Tgt Ion: 65 Resp: 215714

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.4

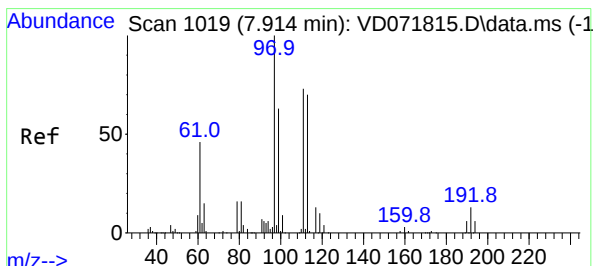
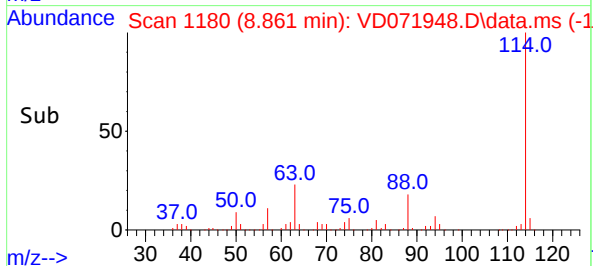
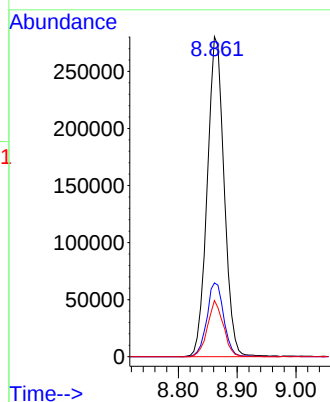
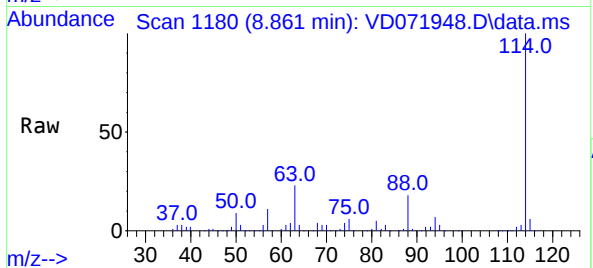




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

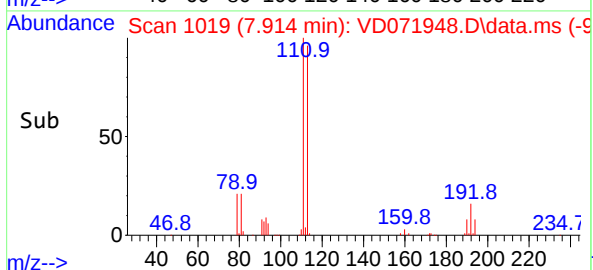
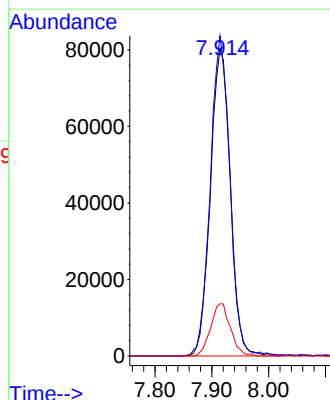
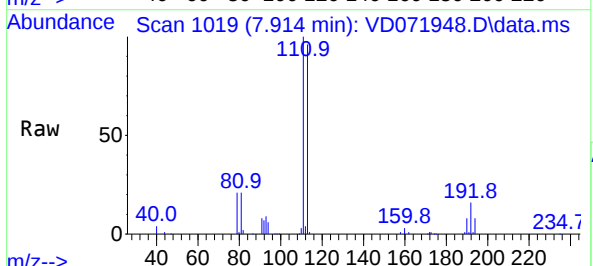
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

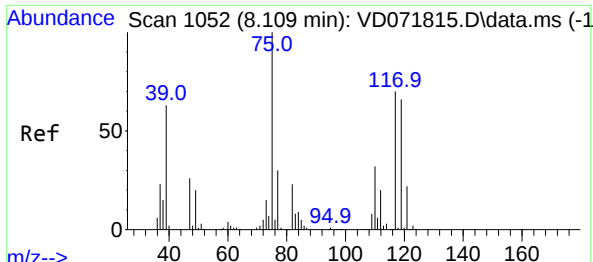
Tgt Ion:114 Resp: 560820
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.6
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 53.088 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion:113 Resp: 195707
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 16.9 14.6 21.8

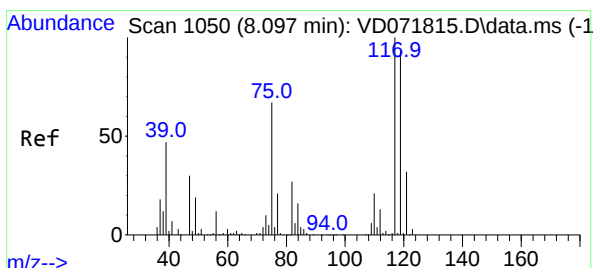
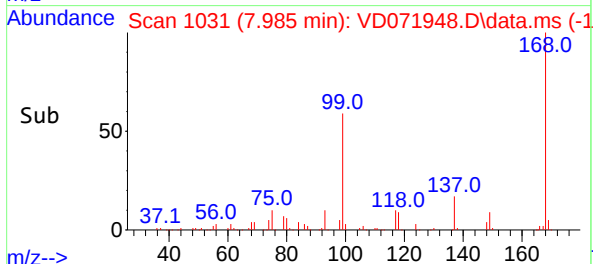
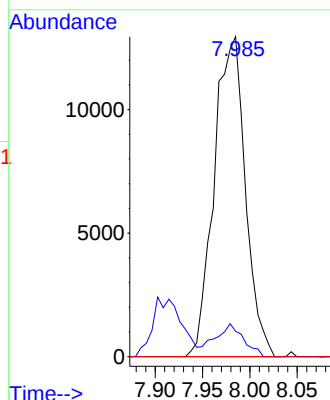
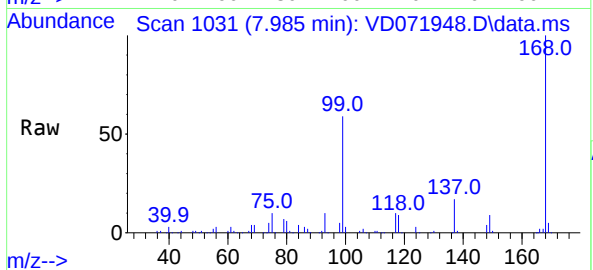




#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

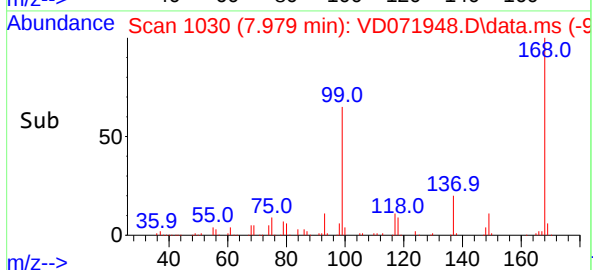
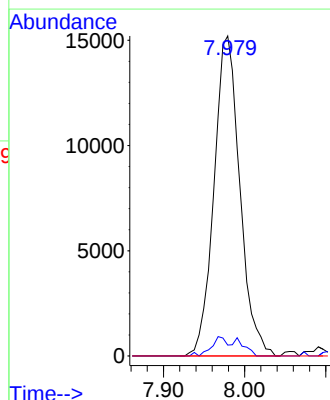
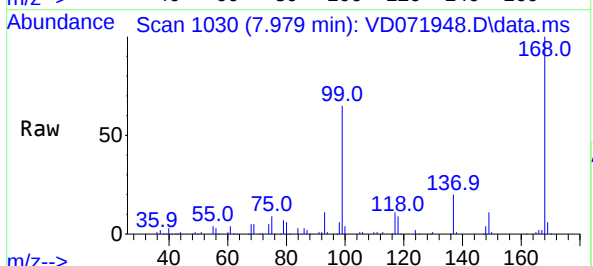
Instrument :
MSVOA_D
ClientSampleId :
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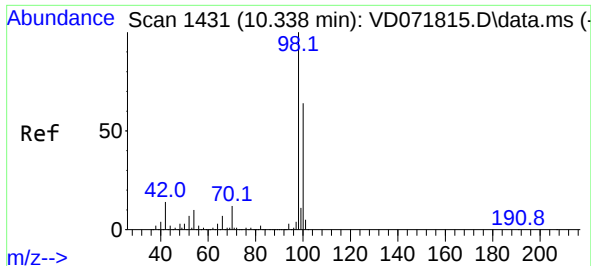
Tgt Ion: 75 Resp: 29648
Ion Ratio Lower Upper
75 100
110 9.1 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion: 117 Resp: 33627
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.5 36.7#

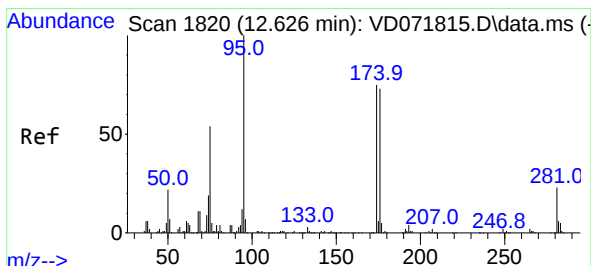
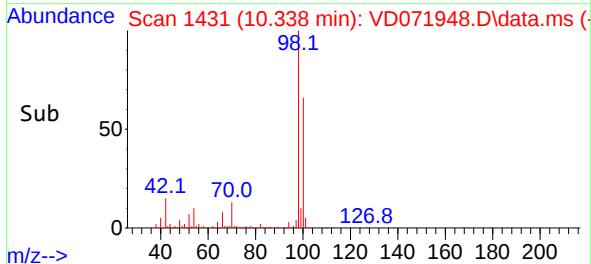
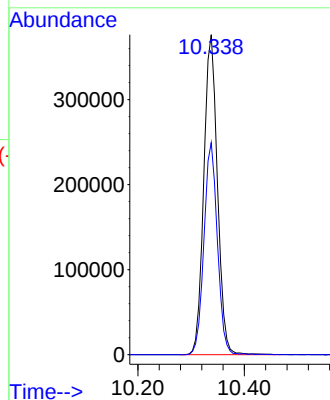
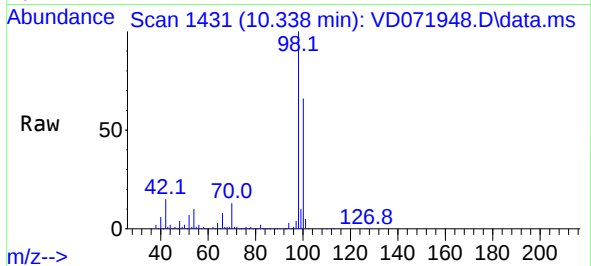




#50
Toluene-d8
Concen: 48.511 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

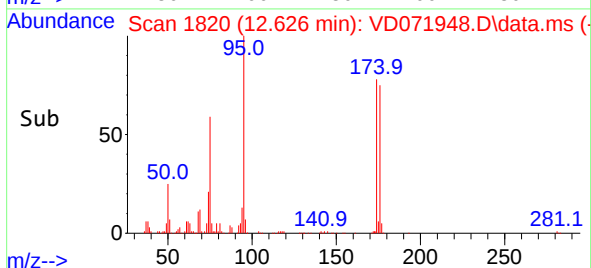
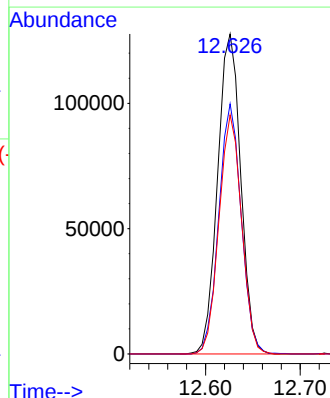
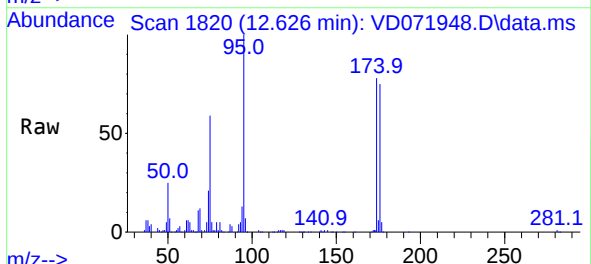
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ClientSampleId :
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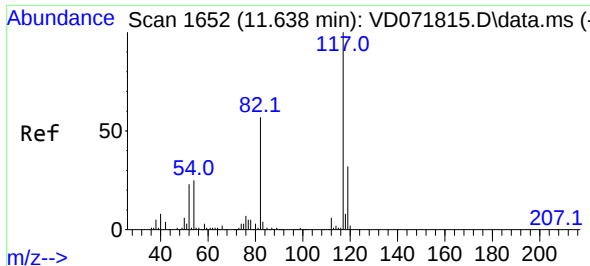
Tgt Ion: 98 Resp: 667884
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

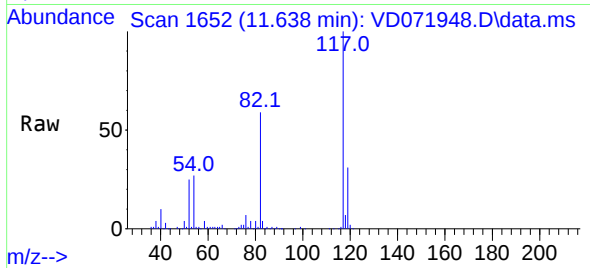
Tgt Ion: 95 Resp: 216710
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.9 0.0 145.4



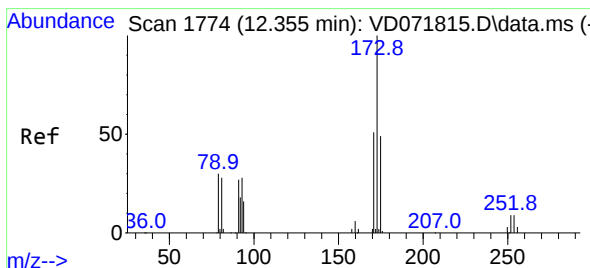
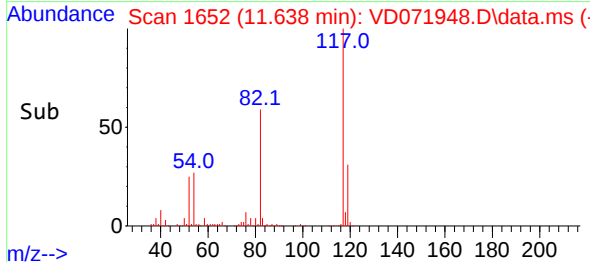
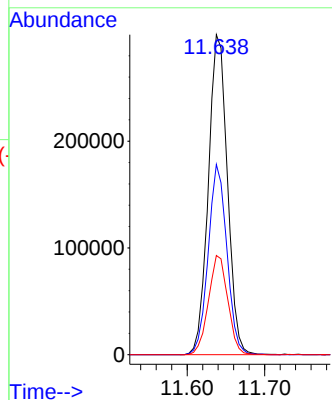


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

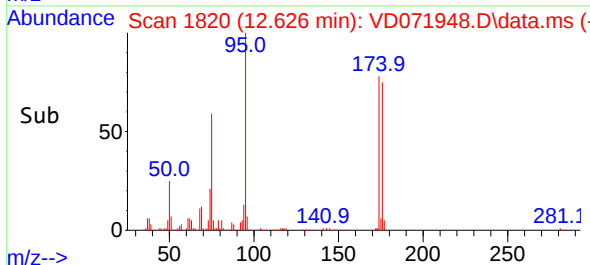
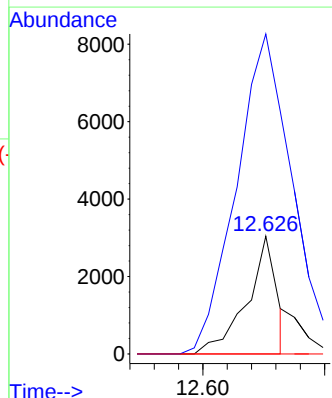
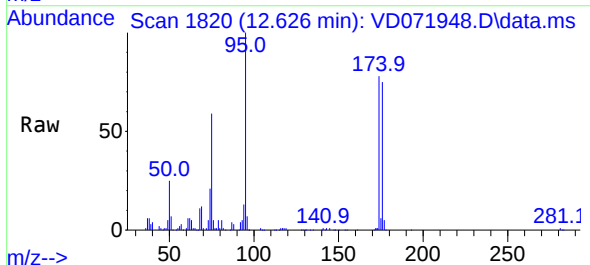


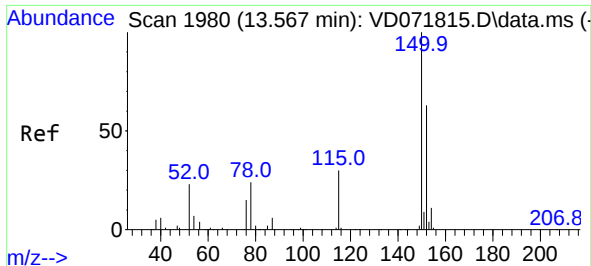
Tgt Ion:117 Resp: 511908
Ion Ratio Lower Upper
117 100
82 59.4 45.3 67.9
119 31.0 26.6 40.0



#71
Bromoform
Concen: 1.230 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion:173 Resp: 2587
Ion Ratio Lower Upper
173 100
175 405.4 23.9 71.8#
254 0.0 0.0 0.0

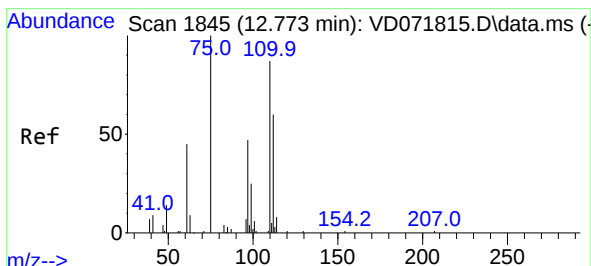
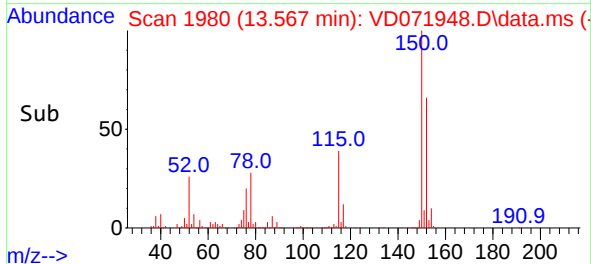
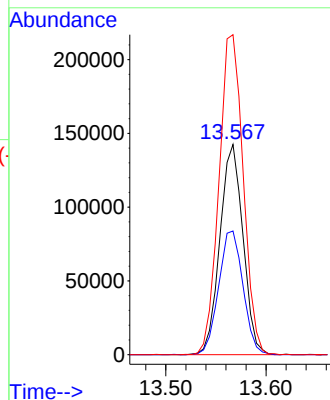
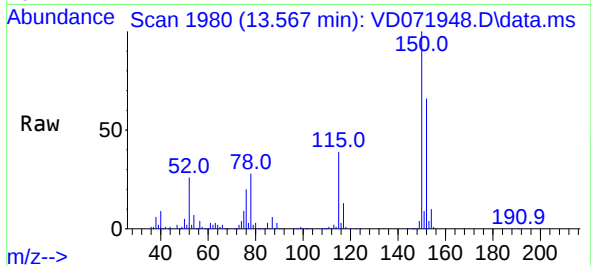




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

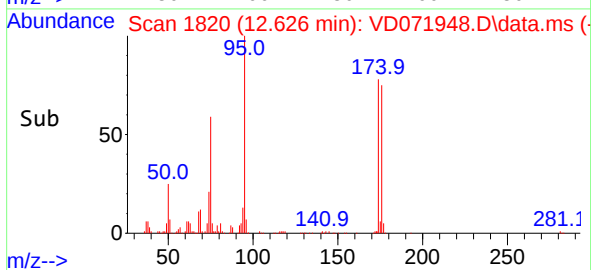
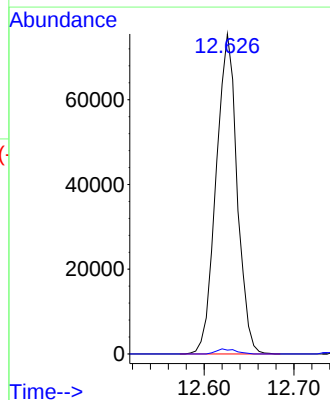
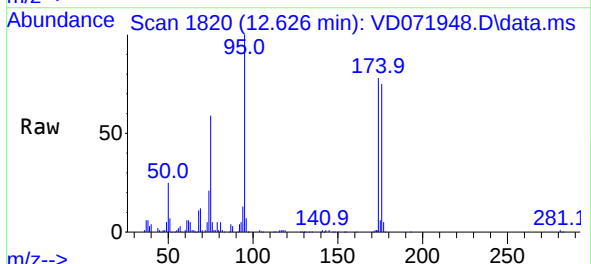
Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

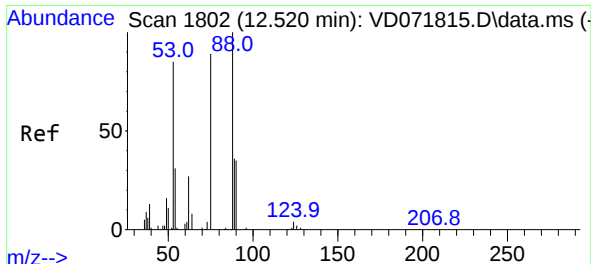
Tgt Ion:152 Resp: 227649
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 159.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.261 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion: 75 Resp: 122982
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

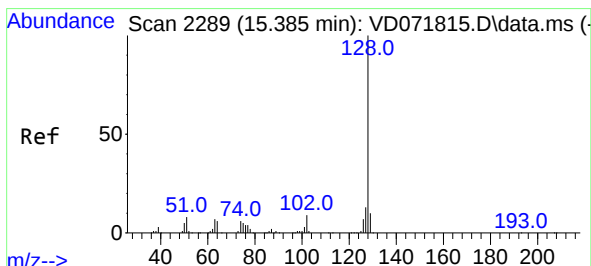
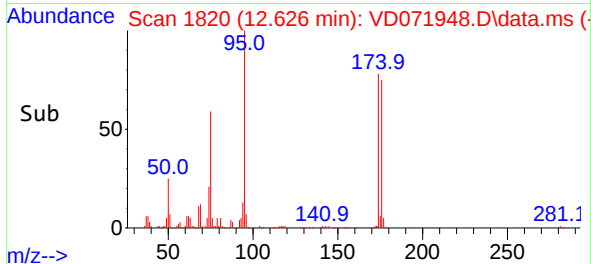
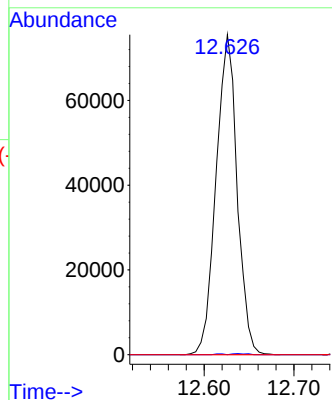
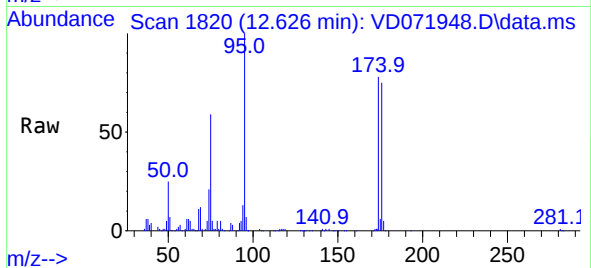




#81
trans-1,4-Dichloro-2-butene
Concen: 126.039 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0214SBL01

Tgt Ion: 75 Resp: 122982
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.751 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071948.D
Acq: 14 Feb 2022 11:01

Tgt Ion:128 Resp: 2418
Ion Ratio Lower Upper
128 100
127 10.0 10.3 15.5#
129 9.8 8.4 12.6

