

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020322\
 Data File : VD071892.D
 Acq On : 03 Feb 2022 15:09
 Operator : VA/SY
 Sample : N1373-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 00:50:44 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)

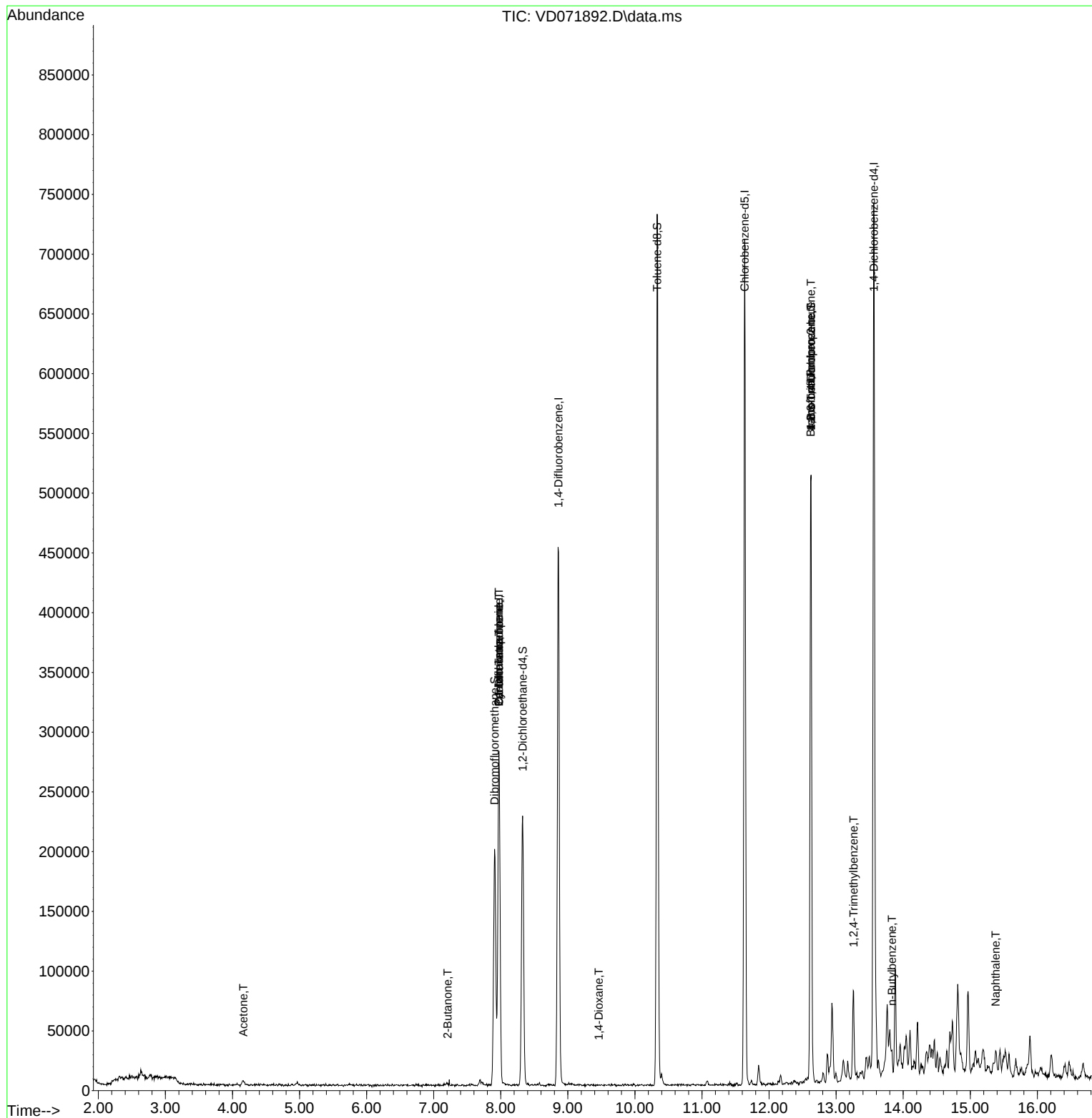
Internal Standards						
1) Pentafluorobenzene	7.973	168	193168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	363674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	369826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183446	75.135	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 150.280%			
35) Dibromofluoromethane	7.908	113	139292	58.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.540%			
50) Toluene-d8	10.332	98	463273	51.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.780%			
62) 4-Bromofluorobenzene	12.626	95	166788	53.497	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.000%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.209	59	172	Below Cal	#	74
16) Acetone	4.162	43	6450	9.651	ug/l	91
20) Methylene Chloride	4.944	84	1100	Below Cal	#	48
25) 2-Butanone	7.208	43	1229	1.577	ug/l	# 52
31) Cyclohexane	7.973	56	5801	1.245	ug/l	# 1
36) 1,1-Dichloropropene	7.973	75	17916	4.367	ug/l	# 52
38) Carbon Tetrachloride	7.973	117	20634	5.085	ug/l	# 15
49) 1,4-Dioxane	9.461	88	77	4.512	ug/l	# 10
71) Bromoform	12.620	173	1617	1.064	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	95398	50.001	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	95398	122.942	ug/l	# 7
84) 1,2,4-Trimethylbenzene	13.261	105	40024	3.499	ug/l	100
89) n-Butylbenzene	13.832	91	12714	1.058	ug/l	# 78
95) Naphthalene	15.379	128	13967	3.610	ug/l	# 95

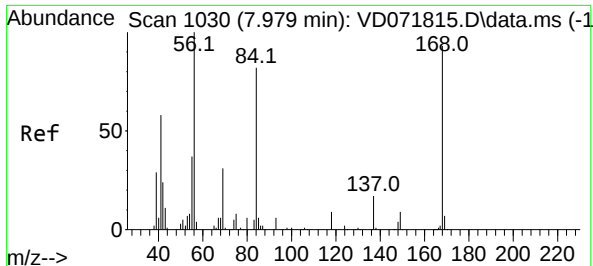
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071892\
Data File : VD071892.D
Acq On : 03 Feb 2022 15:09
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Quant Time: Feb 04 00:50:44 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

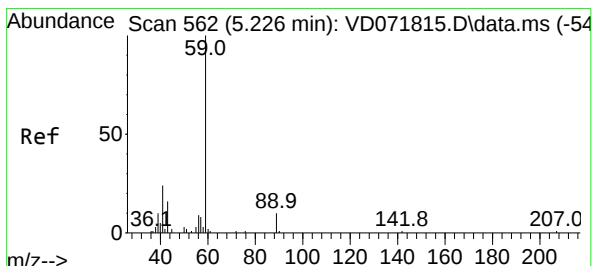
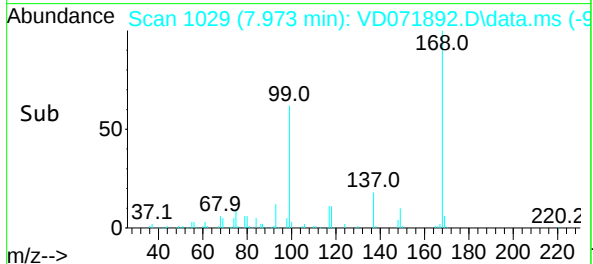
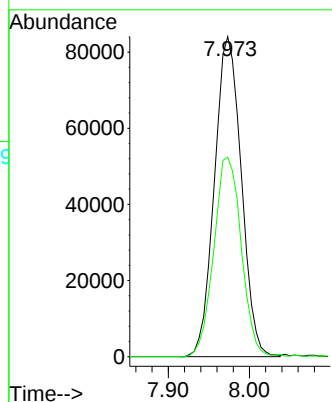
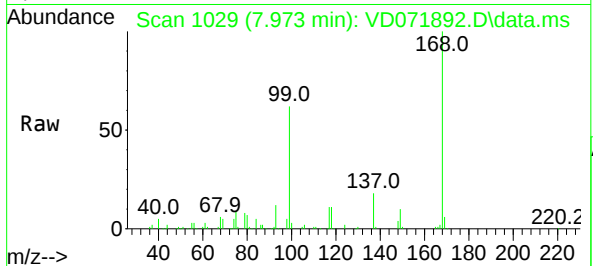




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

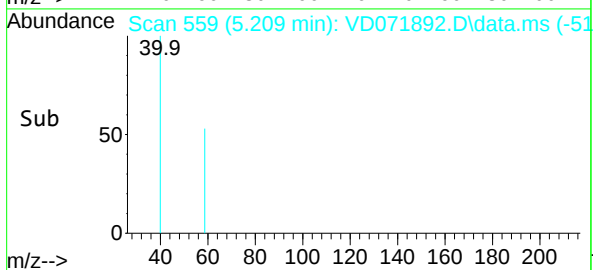
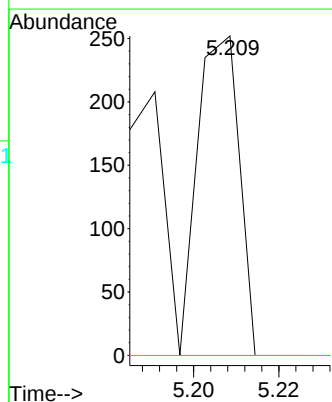
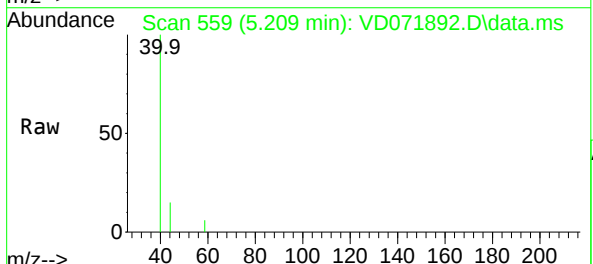
Instrument :
MSVOA_D
ClientSampleId :

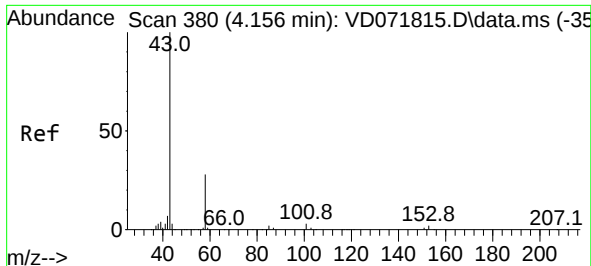
Tgt Ion:168 Resp: 193168
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

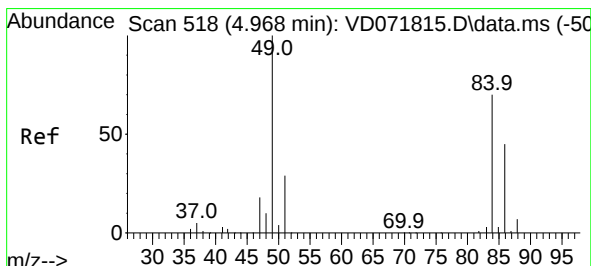
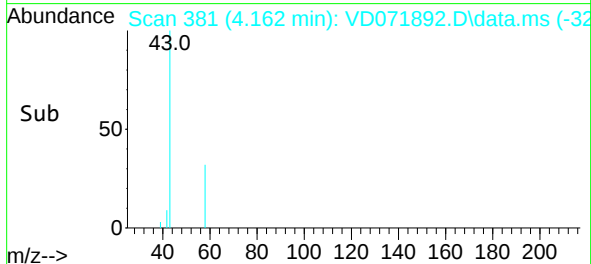
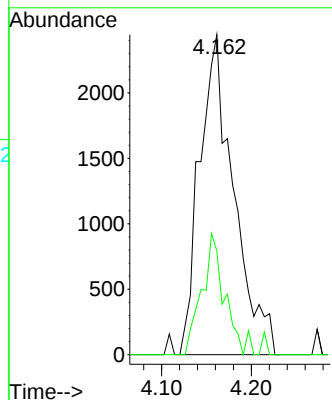
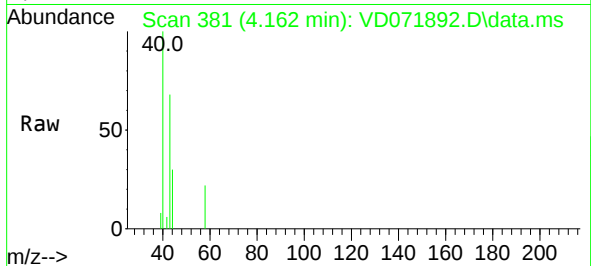




#16
Acetone
Concen: 9.651 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

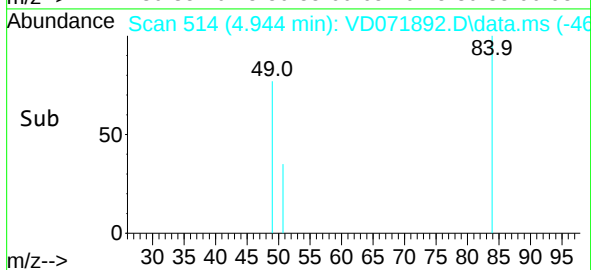
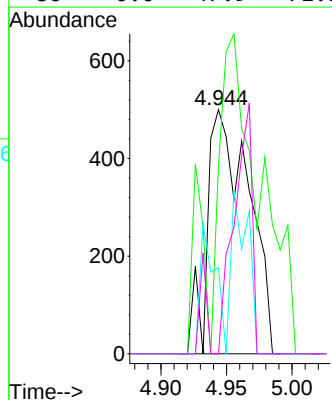
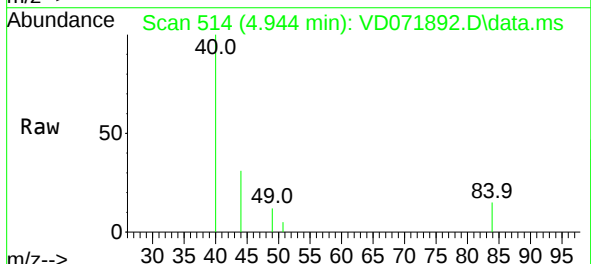
Instrument :
MSVOA_D
ClientSampleId :

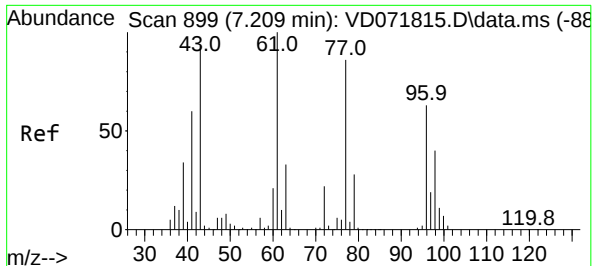
Tgt Ion: 43 Resp: 6450
Ion Ratio Lower Upper
43 100
58 32.4 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.024 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 76.8 112.8 169.2#
51 35.2 32.6 48.8
86 0.0 47.9 71.9#





#25

2-Butanone

Concen: 1.577 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

Instrument :

MSVOA_D

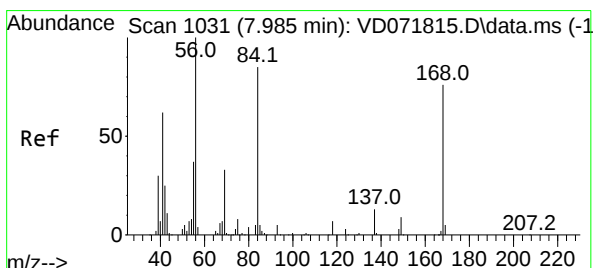
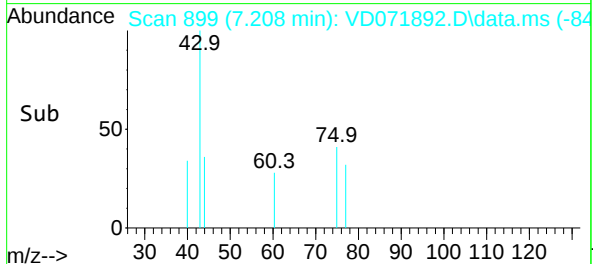
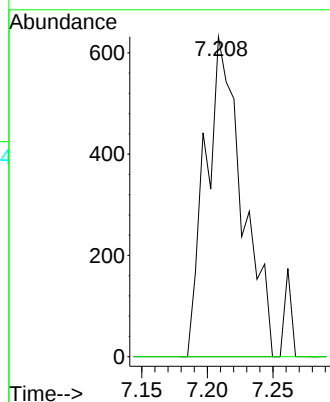
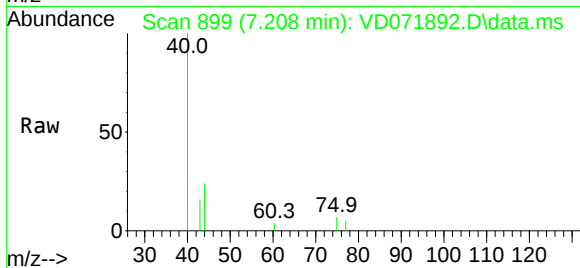
ClientSampleId :

Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

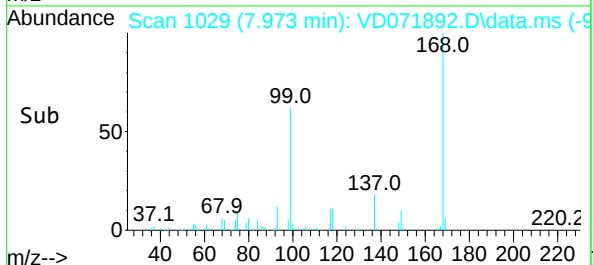
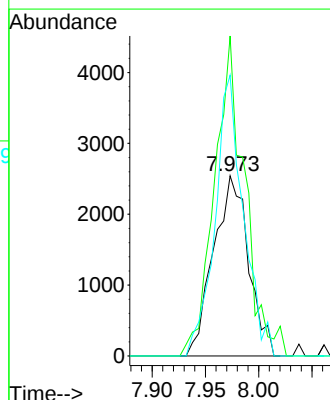
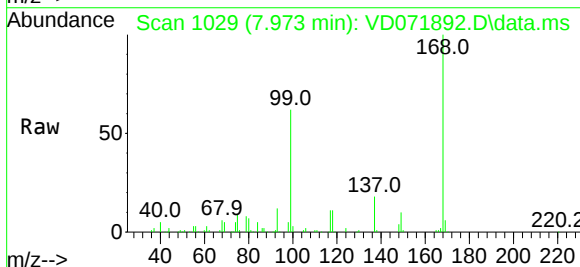
Tgt Ion: 56 Resp: 5801

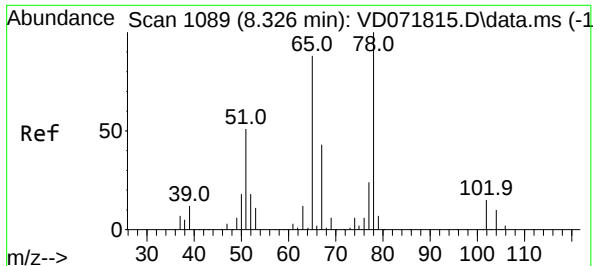
Ion Ratio Lower Upper

56 100

69 177.6 25.4 38.2#

84 155.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 75.135 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

Instrument :

MSVOA_D

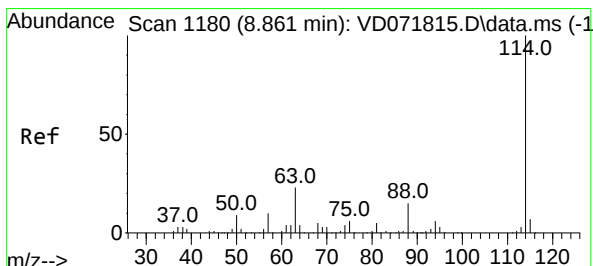
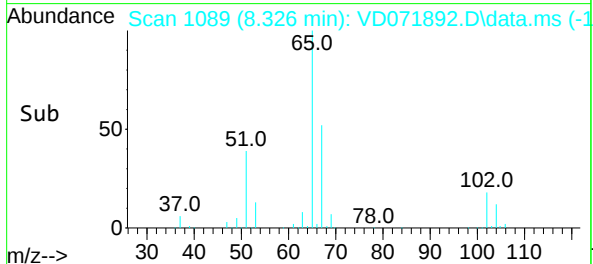
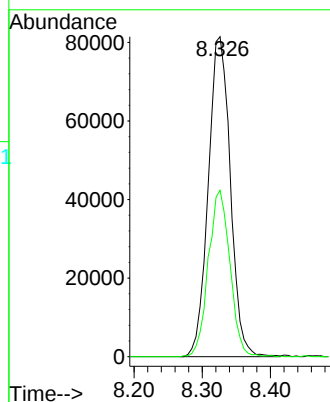
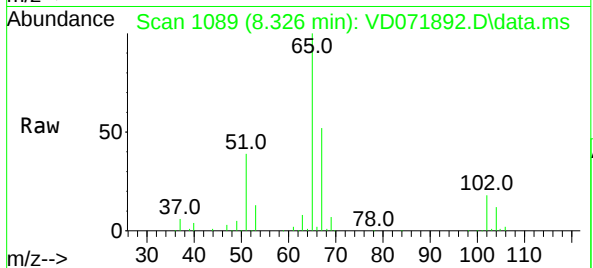
ClientSampleId :

Tgt Ion: 65 Resp: 183446

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071892.D

Acq: 03 Feb 2022 15:09

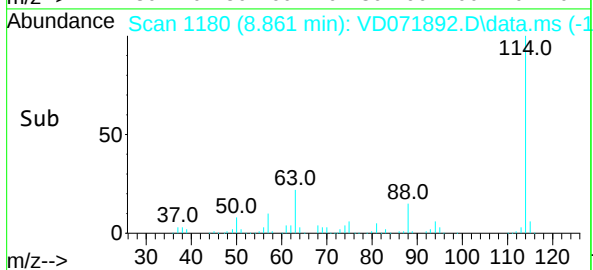
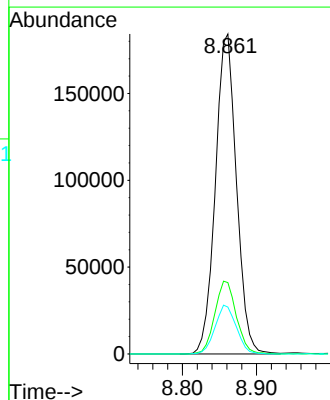
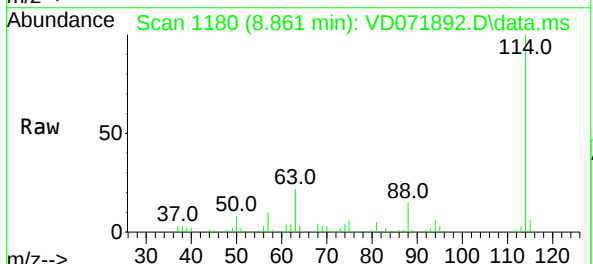
Tgt Ion: 114 Resp: 363674

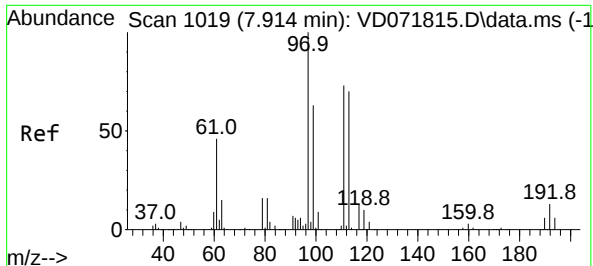
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.268 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

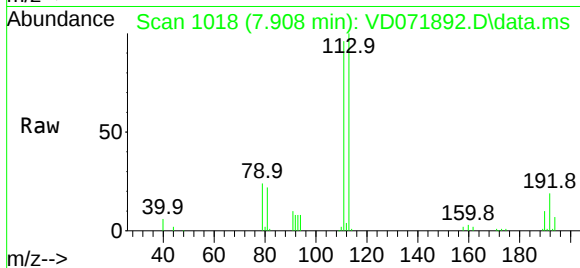
Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :



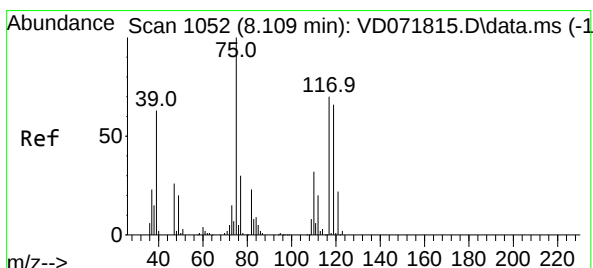
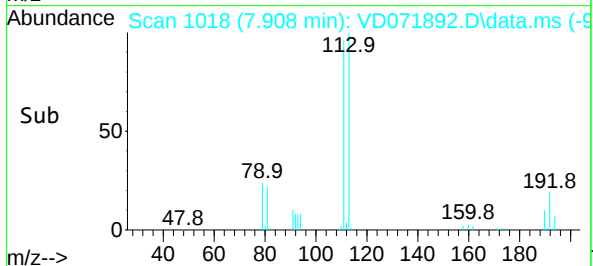
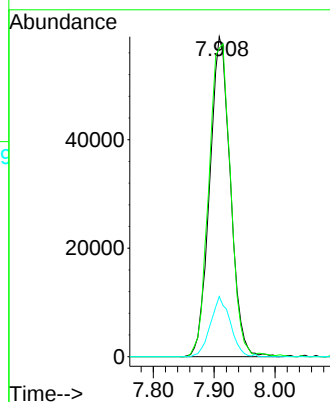
Tgt Ion:113 Resp: 139292

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.367 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

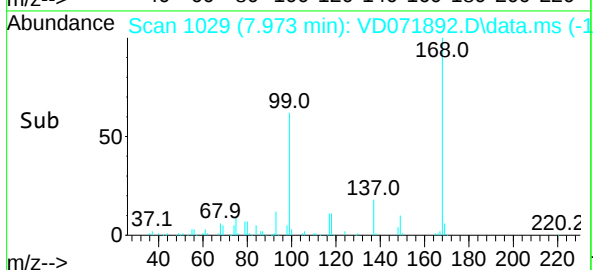
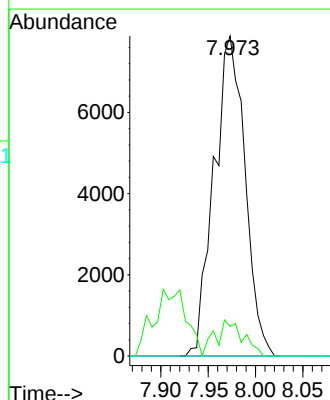
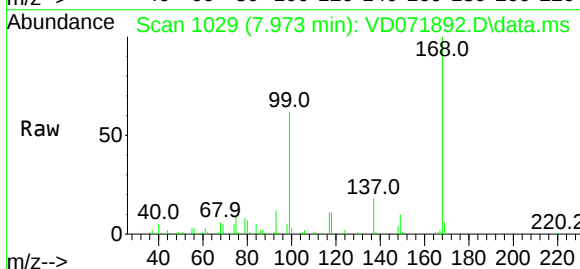
Tgt Ion: 75 Resp: 17916

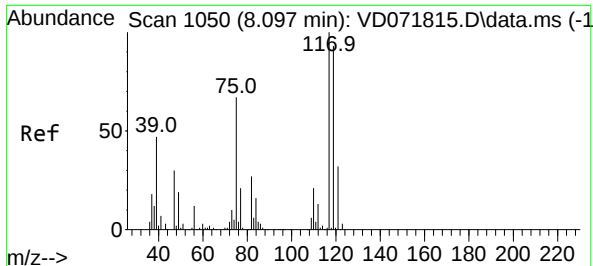
Ion Ratio Lower Upper

75 100

110 9.9 16.4 49.1#

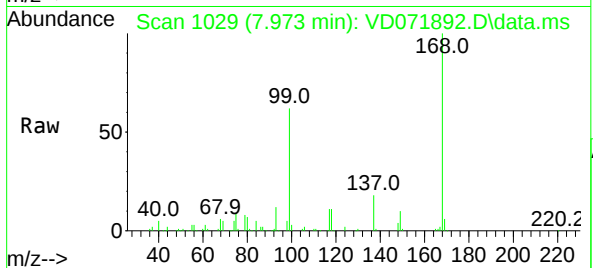
77 0.0 24.2 36.2#



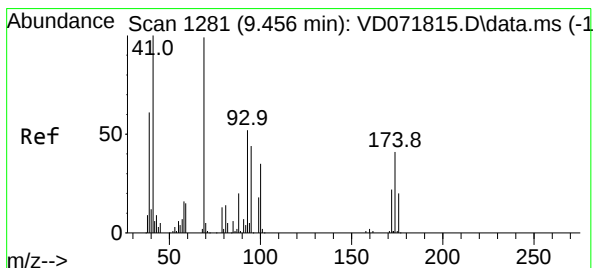
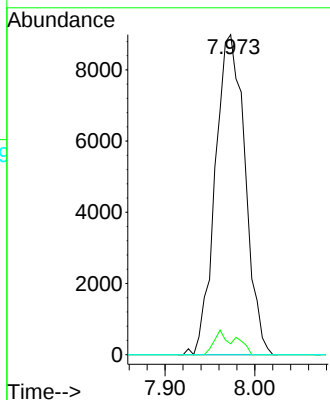
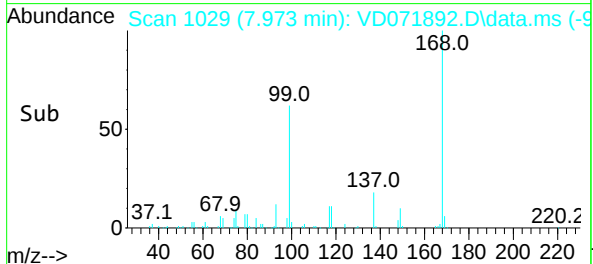


#38
Carbon Tetrachloride
Concen: 5.085 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

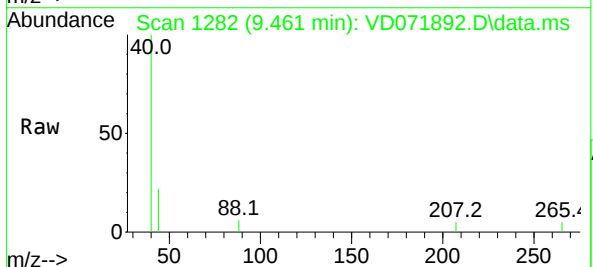
Instrument :
MSVOA_D
ClientSampleId :



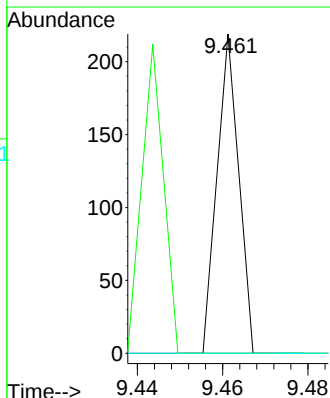
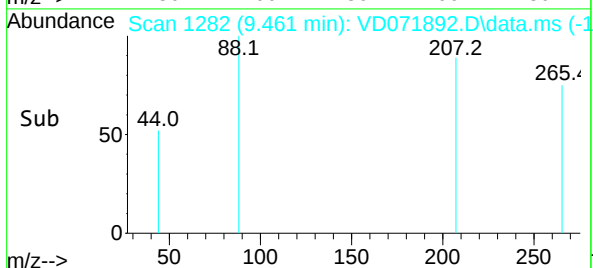
Tgt Ion:117 Resp: 20634
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.5 36.7#

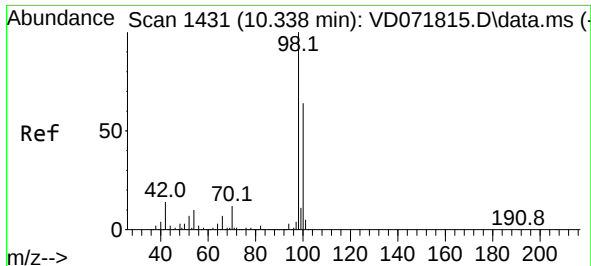


#49
1,4-Dioxane
Concen: 4.512 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09



Tgt Ion: 88 Resp: 77
Ion Ratio Lower Upper
88 100
43 97.4 31.0 46.4#
58 0.0 58.1 87.1#

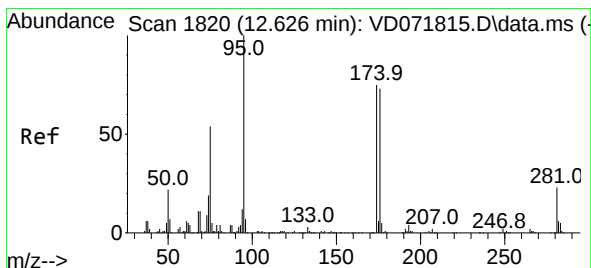
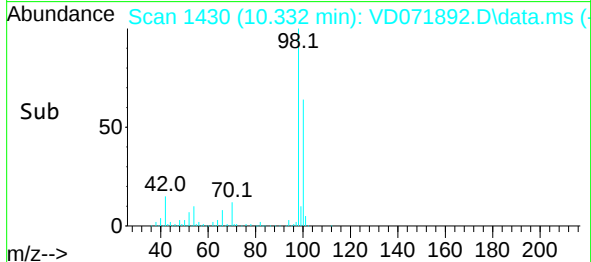
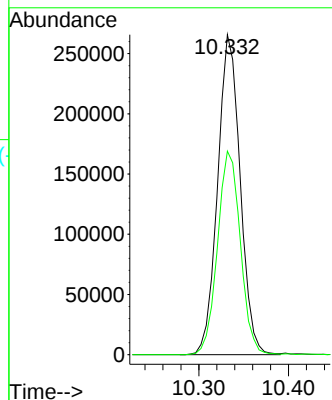
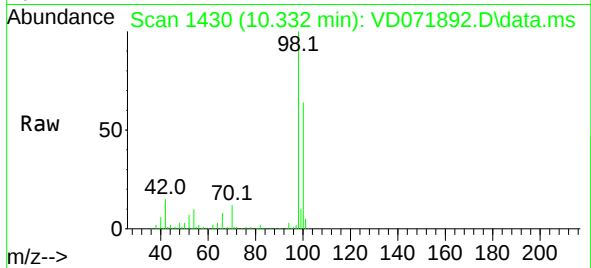




#50
Toluene-d8
Concen: 51.891 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

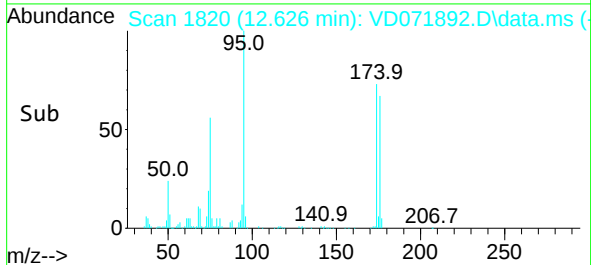
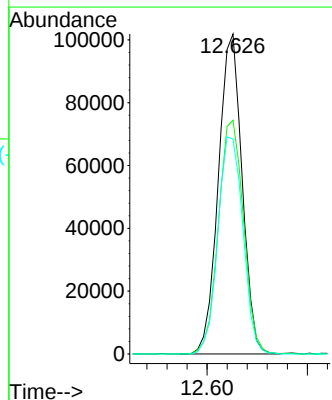
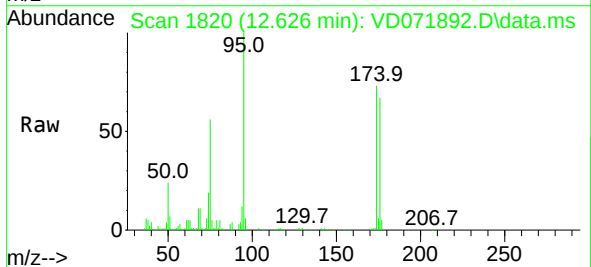
Instrument :
MSVOA_D
ClientSampleId :

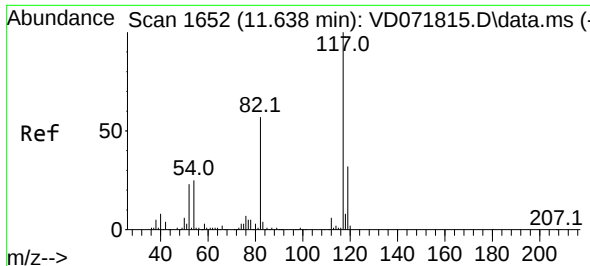
Tgt Ion: 98 Resp: 463273
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.497 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

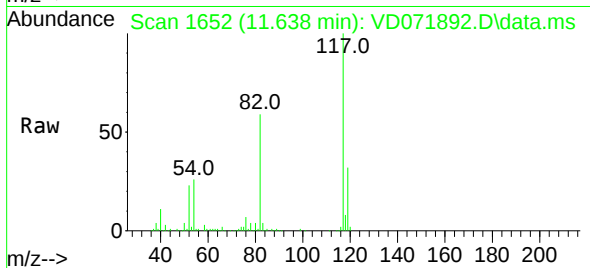
Tgt Ion: 95 Resp: 166788
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 71.8 0.0 145.4



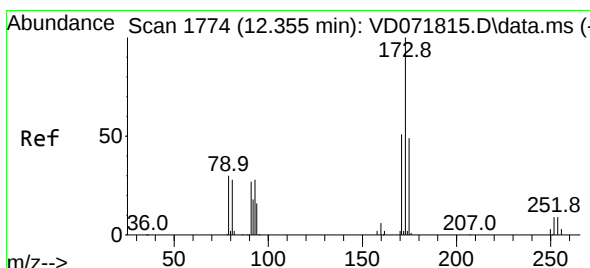
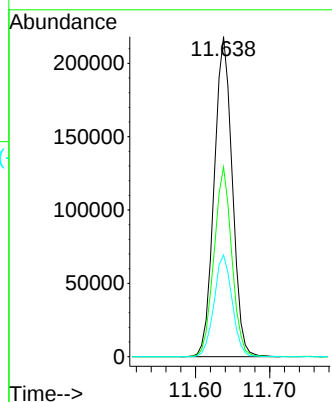
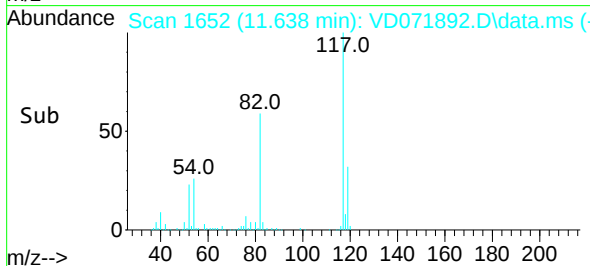


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :

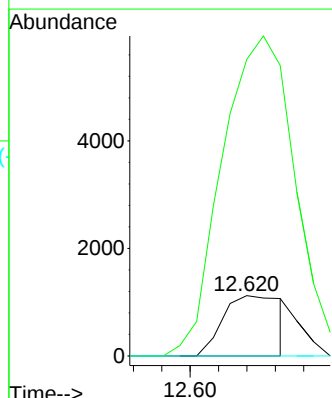
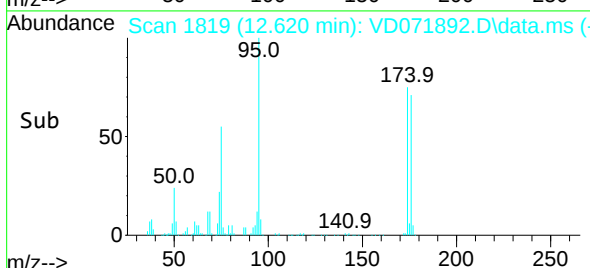
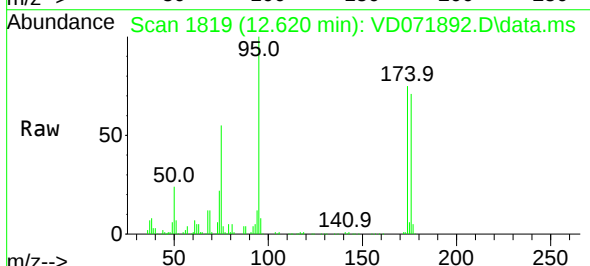


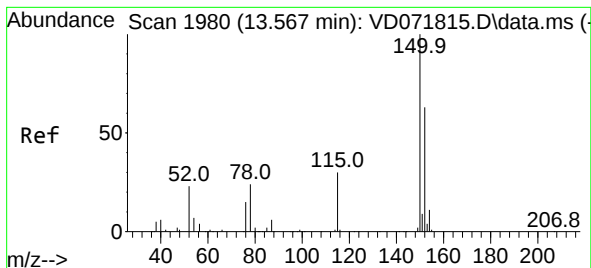
Tgt Ion:117 Resp: 369826
Ion Ratio Lower Upper
117 100
82 59.2 45.3 67.9
119 31.8 26.6 40.0



#71
Bromoform
Concen: 1.064 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion:173 Resp: 1617
Ion Ratio Lower Upper
173 100
175 545.8 23.9 71.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1980

Delta R.T. -0.006 min

Lab File: VD071892.D

Acq: 03 Feb 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

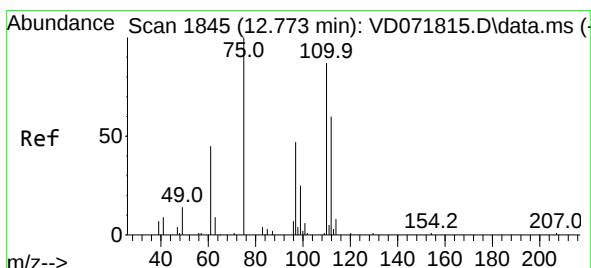
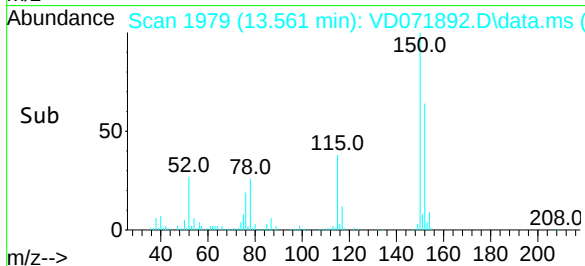
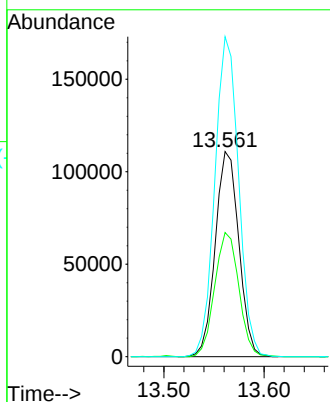
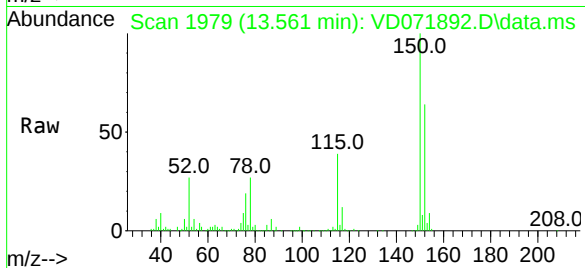
Tgt Ion:152 Resp: 181037

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 157.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.001 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD071892.D

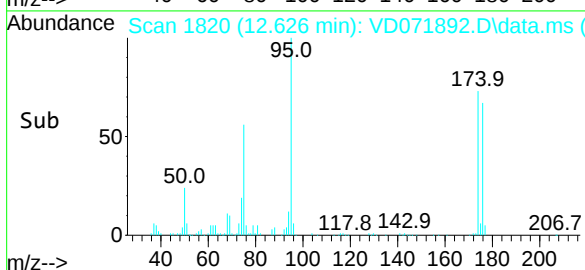
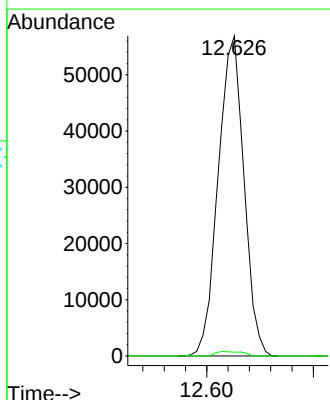
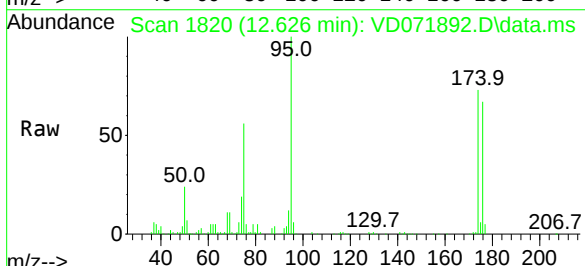
Acq: 03 Feb 2022 15:09

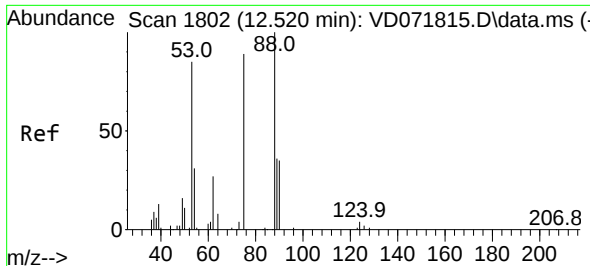
Tgt Ion: 75 Resp: 95398

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

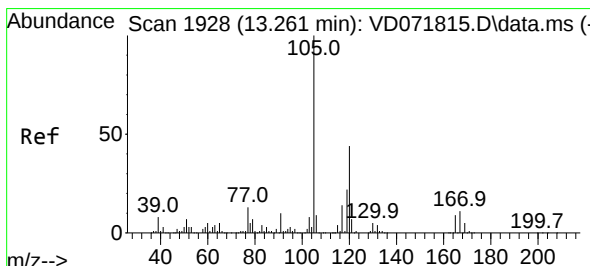
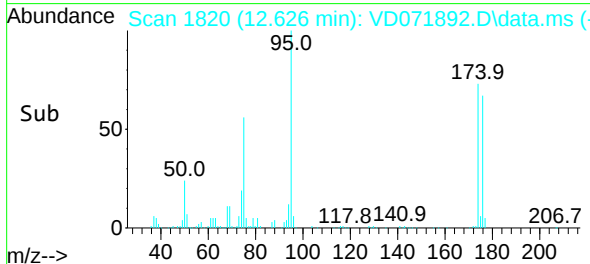
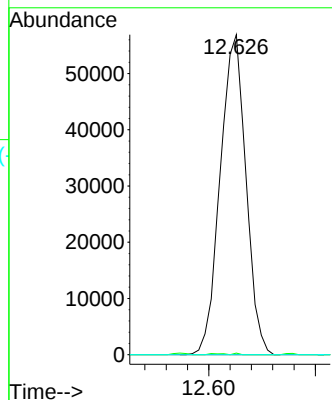
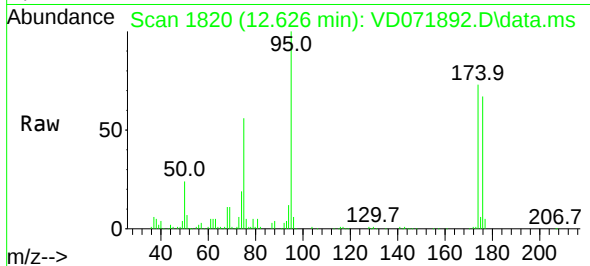




#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.942 ug/l
 RT: 12.626 min Scan# 1802
 Delta R.T. 0.106 min
 Lab File: VD071892.D
 Acq: 03 Feb 2022 15:09

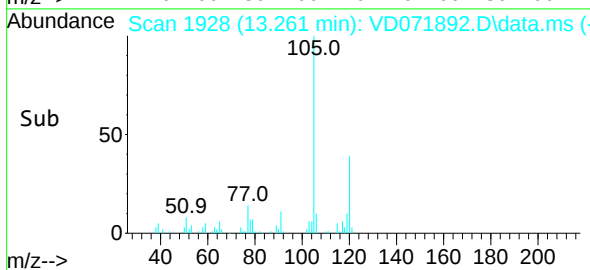
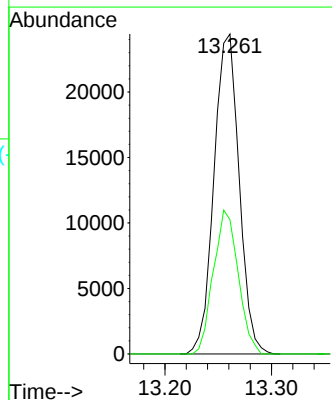
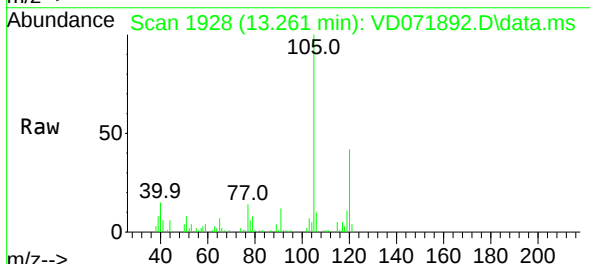
Instrument :
 MSVOA_D
 ClientSampleId :

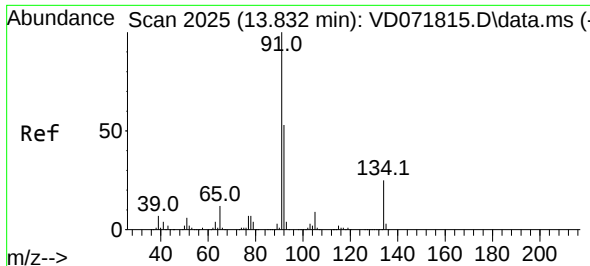
Tgt Ion: 75 Resp: 95398
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.499 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: VD071892.D
 Acq: 03 Feb 2022 15:09

Tgt Ion: 105 Resp: 40024
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.3 66.8

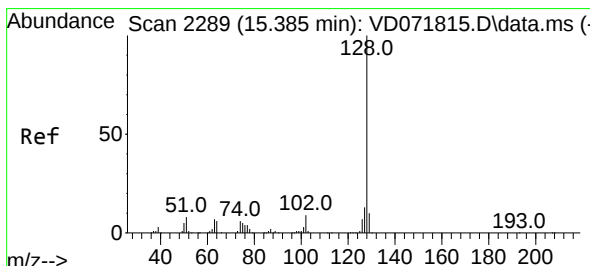
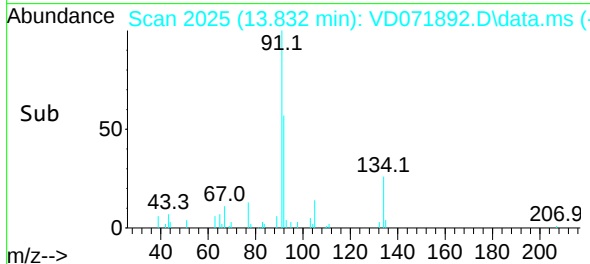
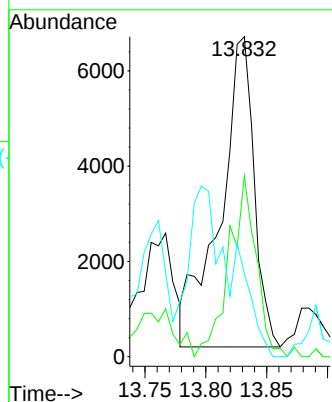
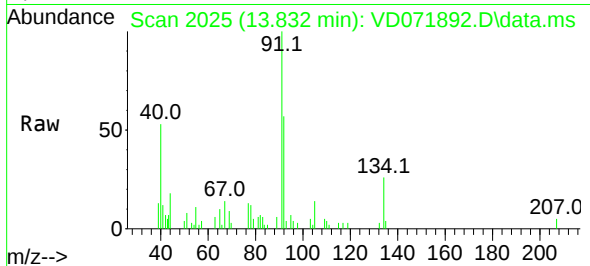




#89
n-Butylbenzene
Concen: 1.058 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 12714
Ion Ratio Lower Upper
91 100
92 46.7 26.6 79.8
134 0.0 12.3 36.9#



#95
Naphthalene
Concen: 3.610 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071892.D
Acq: 03 Feb 2022 15:09

Tgt Ion:128 Resp: 13967
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 13.6 8.4 12.6#

