

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071760.D
 Acq On : 20 Jan 2022 13:37
 Operator : VA/SY
 Sample : N1188-01RE
 Misc : 2.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11940RE

Quant Time: Jan 21 03:15:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

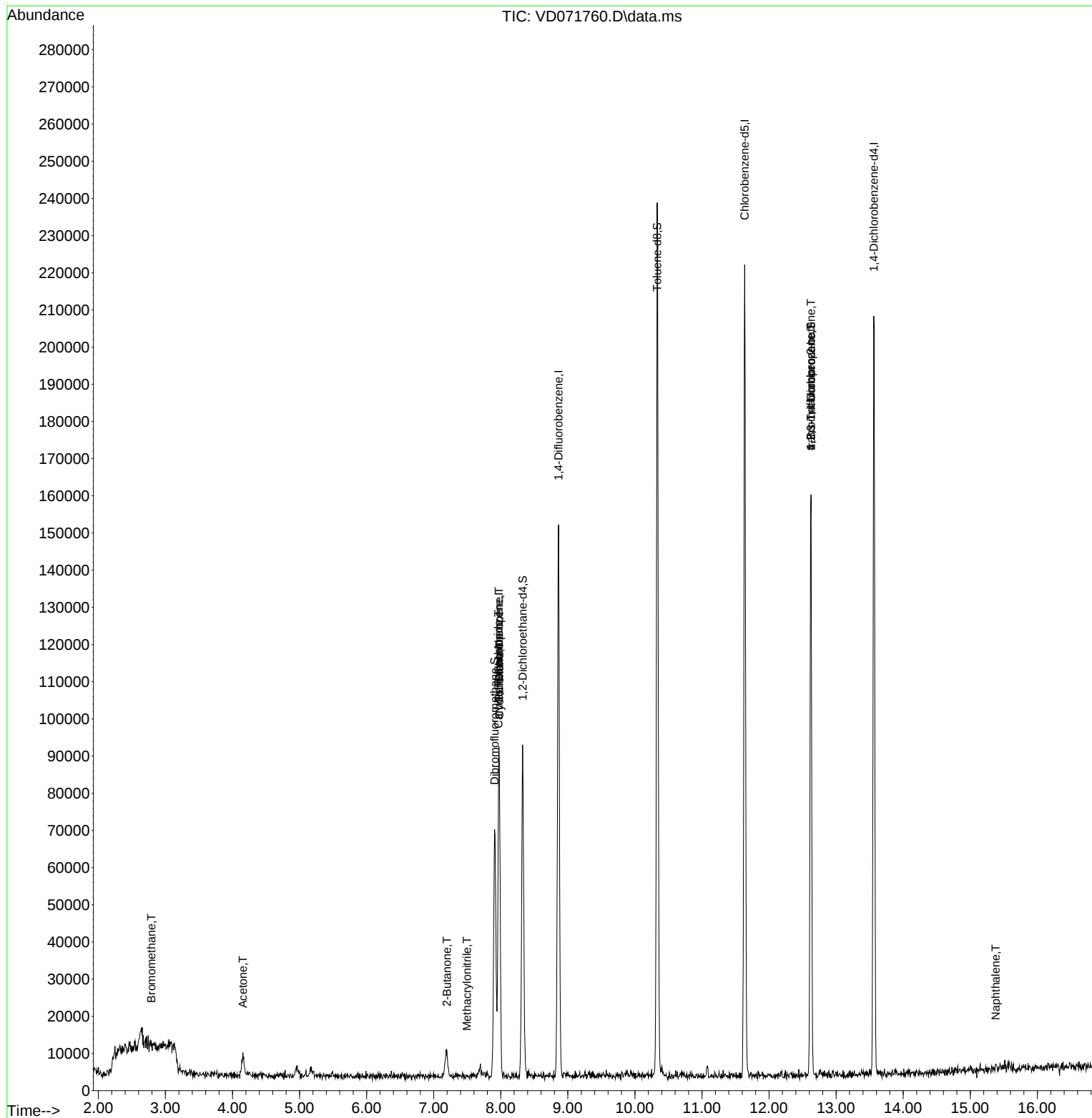
Internal Standards						
1) Pentafluorobenzene	7.973	168	59726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	112129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	113983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	49356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	68030	88.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.040%#	
35) Dibromofluoromethane	7.908	113	46336	62.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.060%	
50) Toluene-d8	10.332	98	145199	52.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.626	95	48647	49.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.540%	
Target Compounds						Qvalue
3) Chloromethane	2.226	50	254	Below Cal	#	43
5) Bromomethane	2.791	94	1340	2.034	ug/l #	52
11) Tert butyl alcohol	5.208	59	701	Below Cal	#	75
16) Acetone	4.156	43	9090	51.232	ug/l	90
18) Methyl Acetate	4.708	43	54	Below Cal	#	56
20) Methylene Chloride	4.938	84	437	Below Cal	#	56
25) 2-Butanone	7.197	43	945	4.508	ug/l #	56
31) Cyclohexane	7.979	56	1849	2.048	ug/l #	61
36) 1,1-Dichloropropene	7.973	75	5996	5.672	ug/l #	48
38) Carbon Tetrachloride	7.967	117	6009	5.613	ug/l #	22
41) Methacrylonitrile	7.497	41	61	1.328	ug/l #	25
76) 1,2,3-Trichloropropane	12.626	75	28377	59.501	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	28377	165.882	ug/l #	3
95) Naphthalene	15.379	128	1545	1.117	ug/l #	82

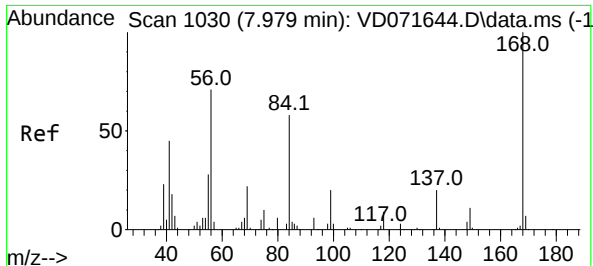
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
Data File : VD071760.D
Acq On : 20 Jan 2022 13:37
Operator : VA/SY
Sample : N1188-01RE
Misc : 2.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

Quant Time: Jan 21 03:15:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

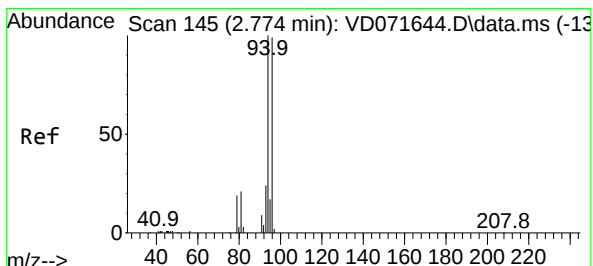
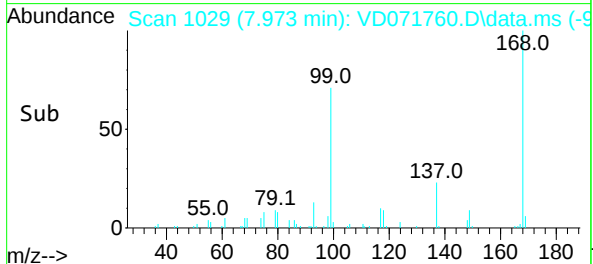
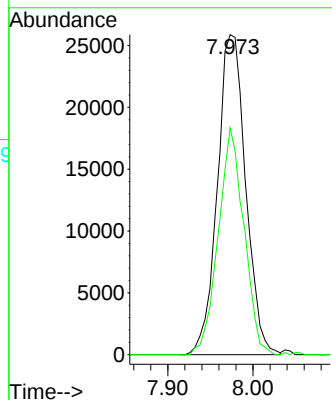
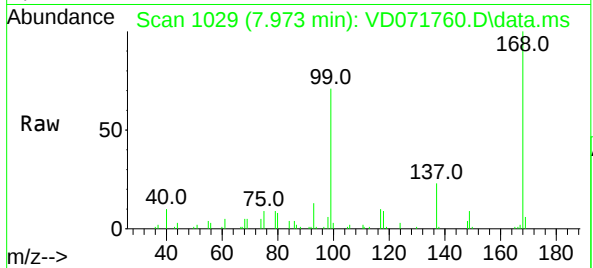




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

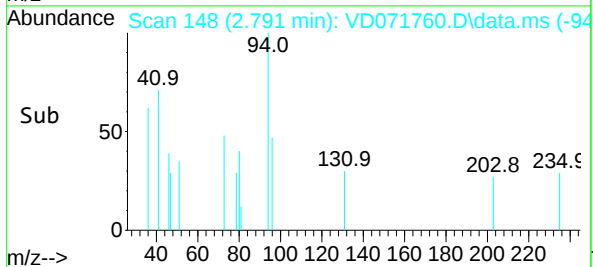
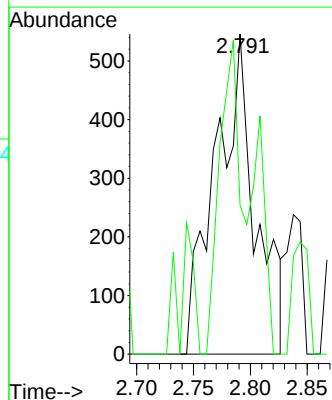
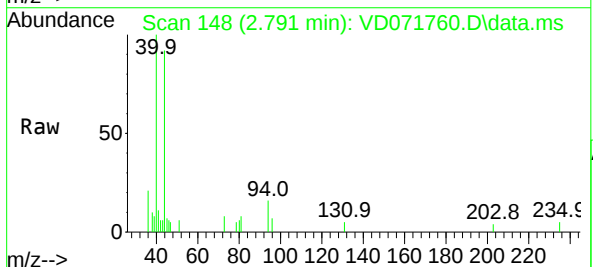
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

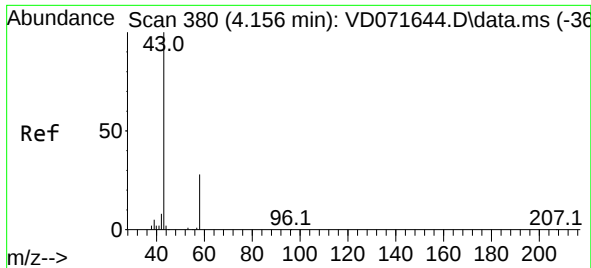
Tgt Ion:168 Resp: 59726
Ion Ratio Lower Upper
168 100
99 70.9 51.8 77.6



#5
Bromomethane
Concen: 2.034 ug/l
RT: 2.791 min Scan# 148
Delta R.T. 0.018 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 94 Resp: 1340
Ion Ratio Lower Upper
94 100
96 46.5 73.7 110.5#

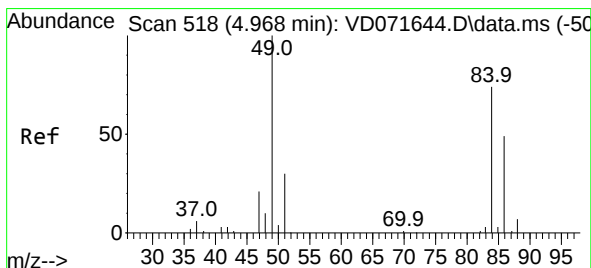
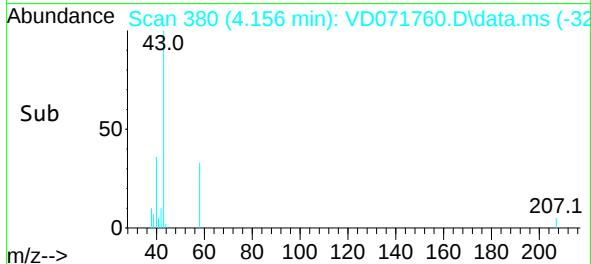
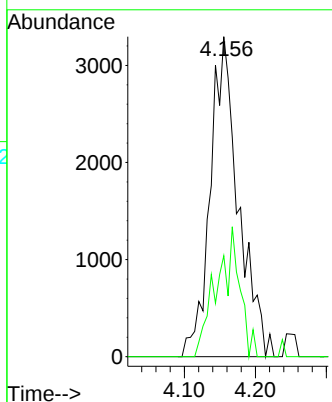
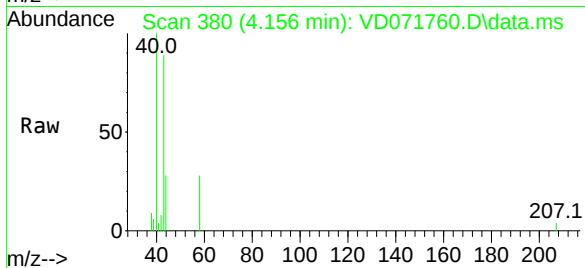




#16
Acetone
Concen: 51.232 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

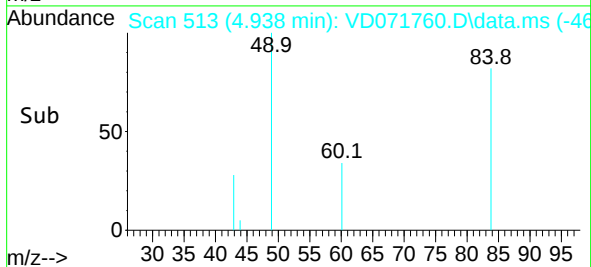
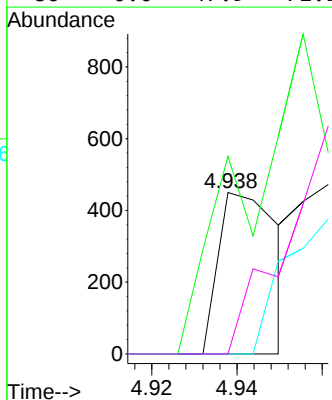
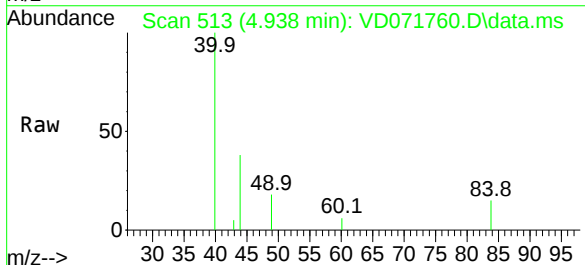
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

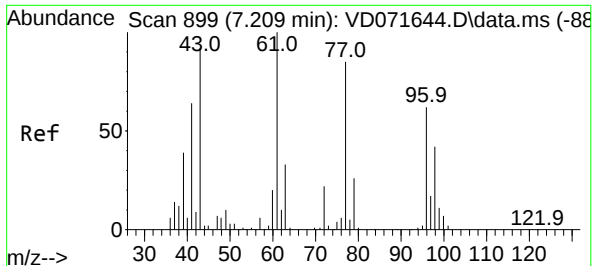
Tgt Ion: 43 Resp: 9090
Ion Ratio Lower Upper
43 100
58 31.6 21.0 31.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.938 min Scan# 513
Delta R.T. -0.029 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 84 Resp: 437
Ion Ratio Lower Upper
84 100
49 122.4 118.6 178.0
51 0.0 37.8 56.6#
86 0.0 47.9 71.9#

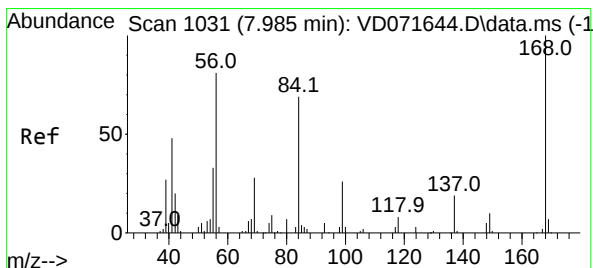
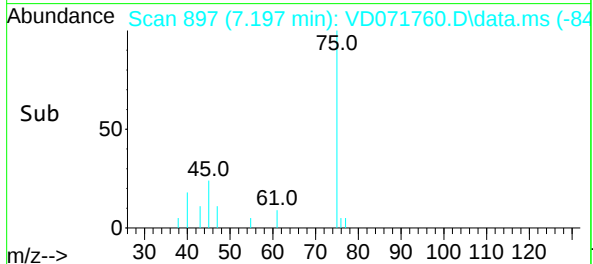
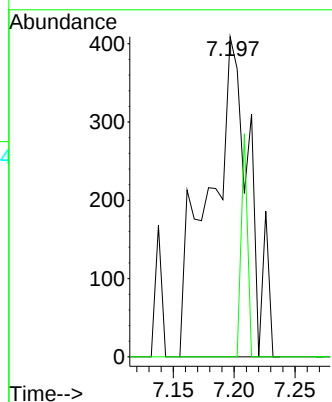
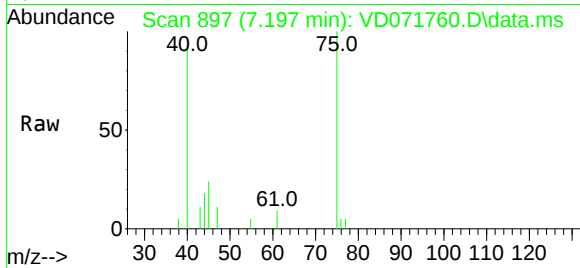




#25
2-Butanone
Concen: 4.508 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.011 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

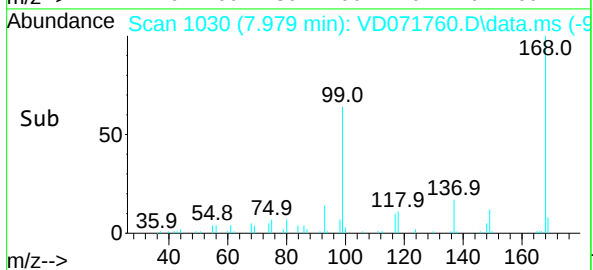
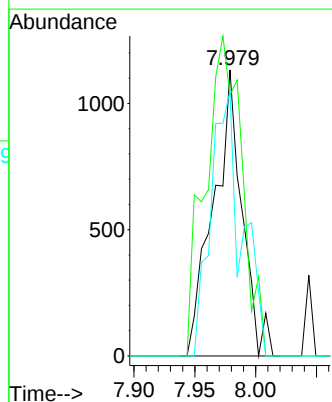
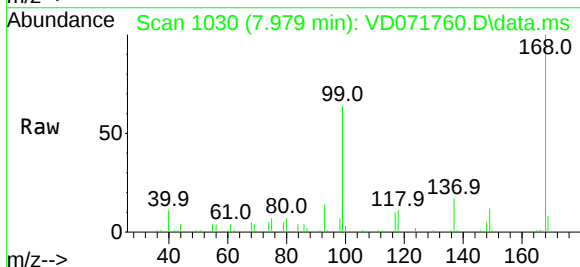
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

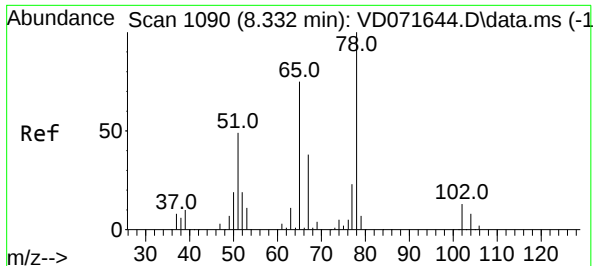
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
72 0.0 16.4 24.6#



#31
Cyclohexane
Concen: 2.048 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 56 Resp: 1849
Ion Ratio Lower Upper
56 100
69 91.1 21.7 32.5#
84 92.6 65.7 98.5





#33

1,2-Dichloroethane-d4

Concen: 88.523 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071760.D

Acq: 20 Jan 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

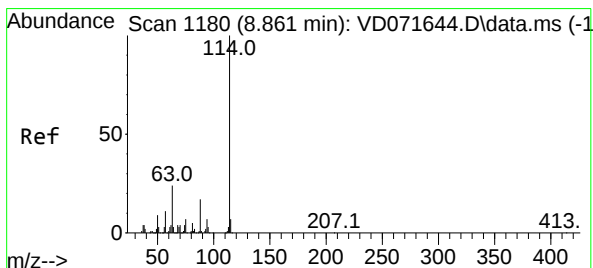
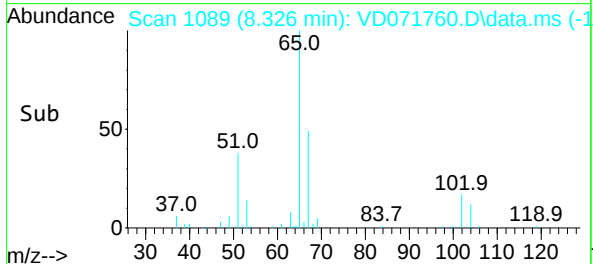
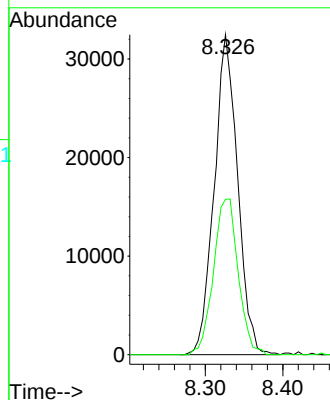
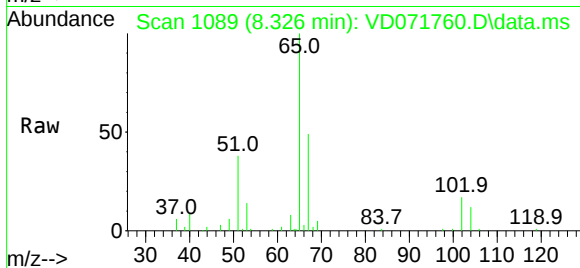
72-11940RE

Tgt Ion: 65 Resp: 68030

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071760.D

Acq: 20 Jan 2022 13:37

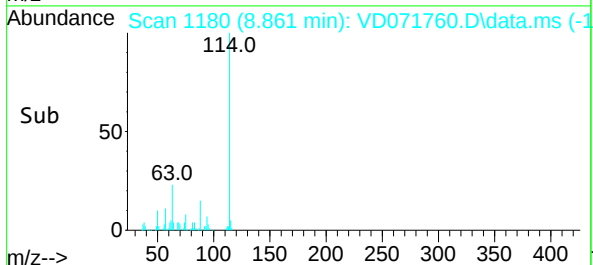
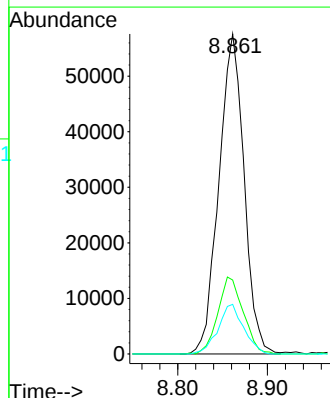
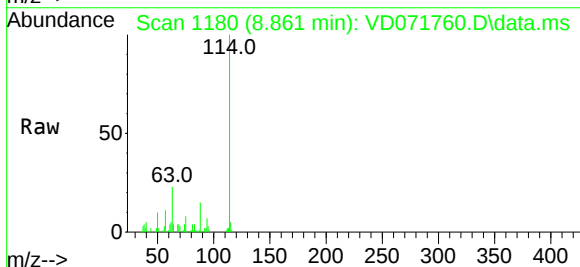
Tgt Ion: 114 Resp: 112129

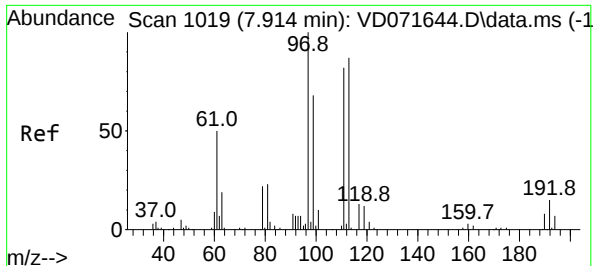
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 62.529 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD071760.D

Acq: 20 Jan 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

72-11940RE

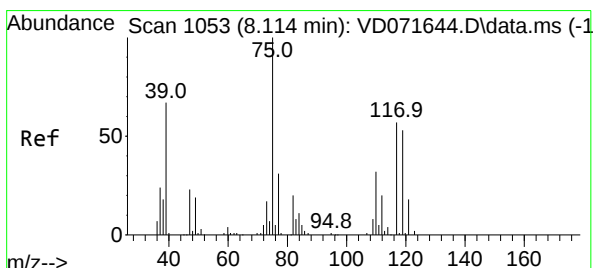
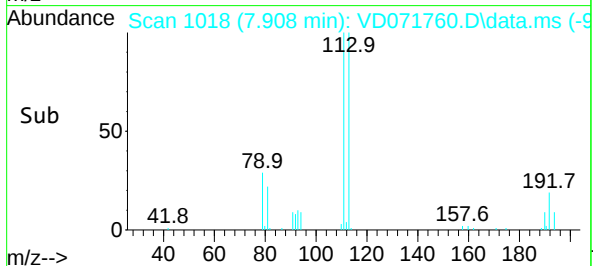
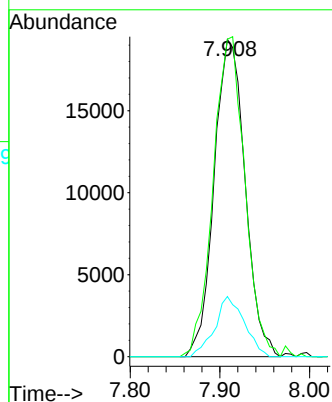
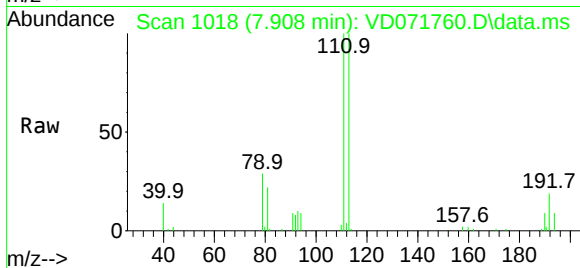
Tgt Ion:113 Resp: 46336

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 18.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.672 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071760.D

Acq: 20 Jan 2022 13:37

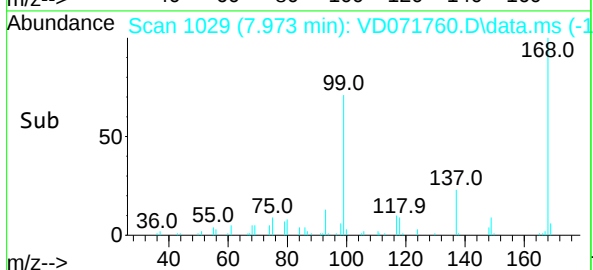
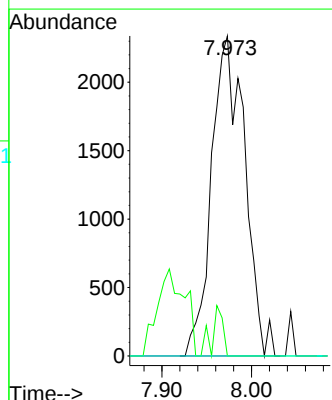
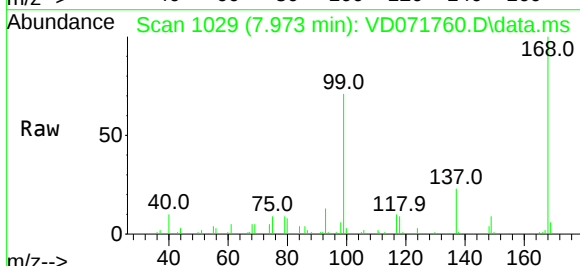
Tgt Ion: 75 Resp: 5996

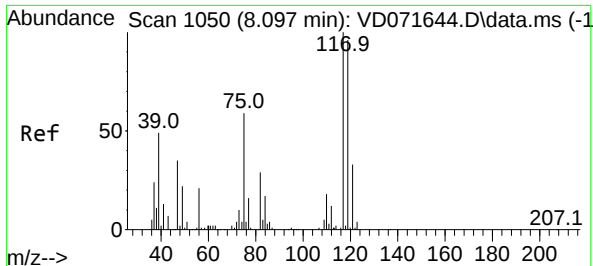
Ion Ratio Lower Upper

75 100

110 5.1 16.0 48.0#

77 0.0 24.5 36.7#

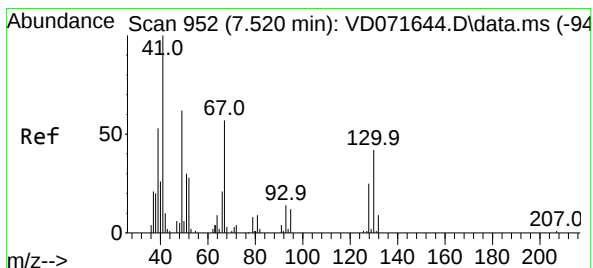
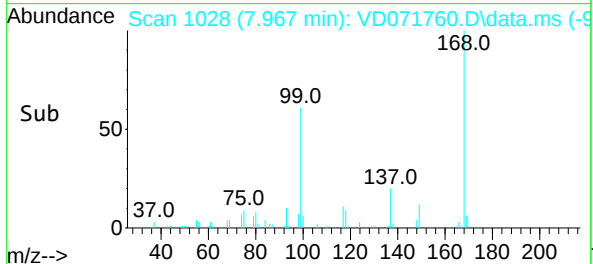
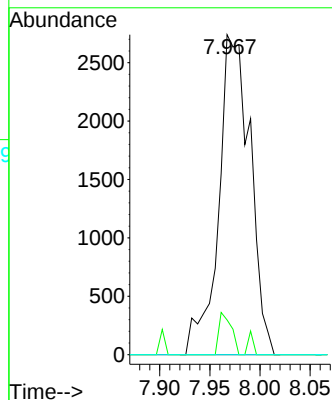
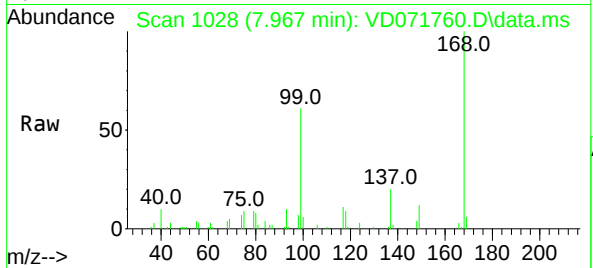




#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.967 min Scan# 117
Delta R.T. -0.129 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

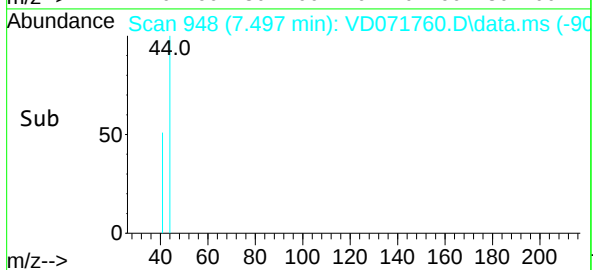
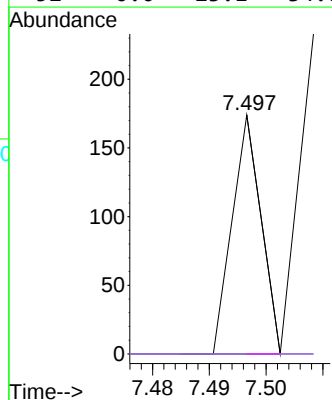
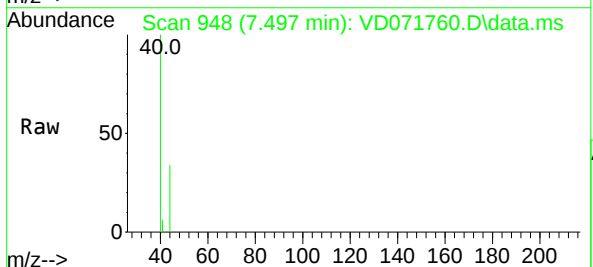
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

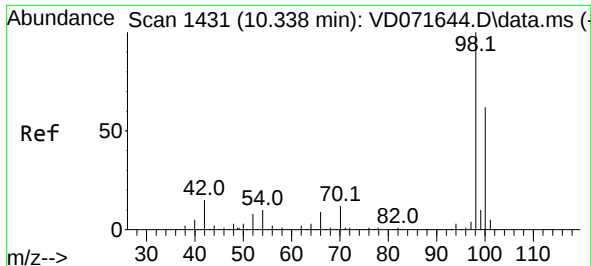
Tgt Ion:117 Resp: 6009
Ion Ratio Lower Upper
117 100
119 10.9 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.328 ug/l
RT: 7.497 min Scan# 948
Delta R.T. -0.023 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
39 0.0 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

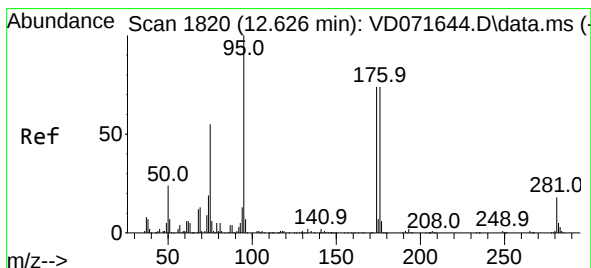
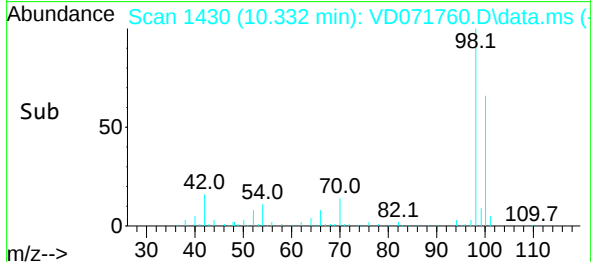
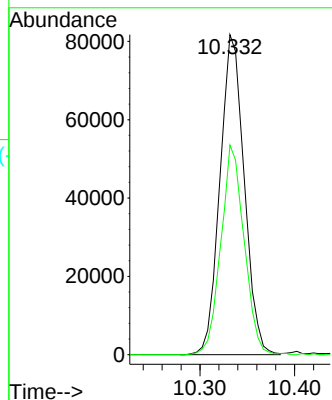
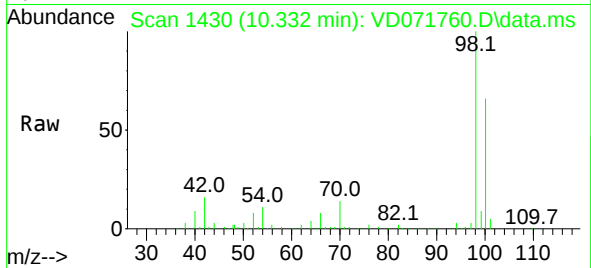




#50
Toluene-d8
Concen: 52.344 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

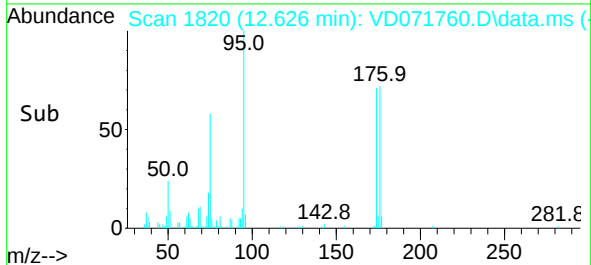
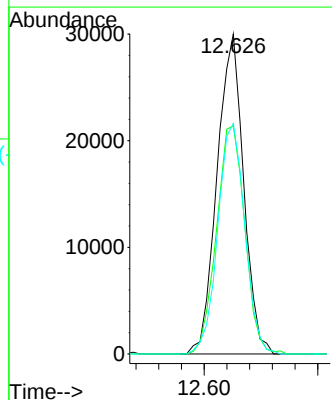
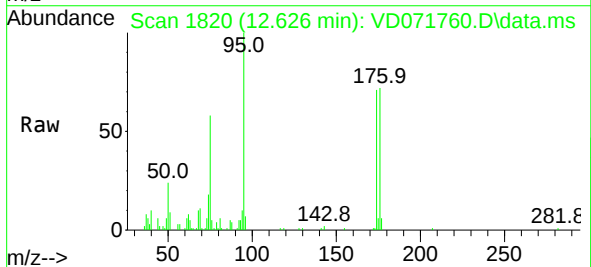
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

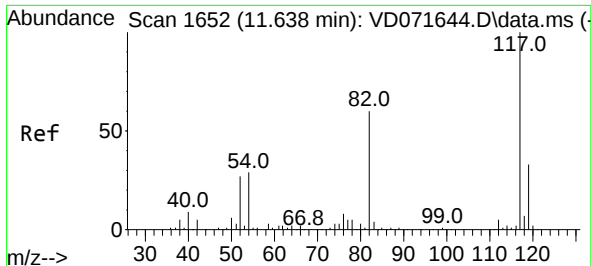
Tgt Ion: 98 Resp: 145199
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.769 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 95 Resp: 48647
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.0
176 73.5 0.0 146.4

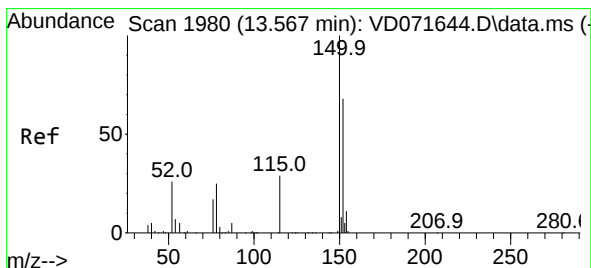
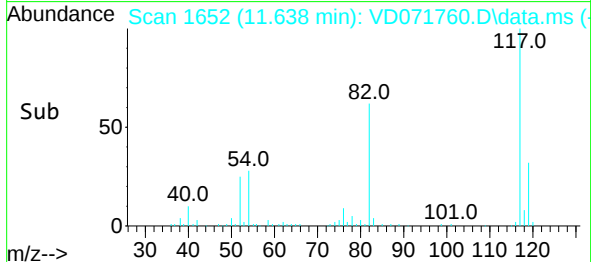
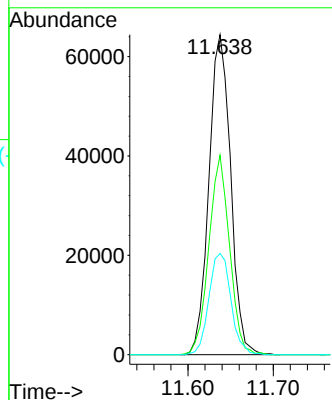
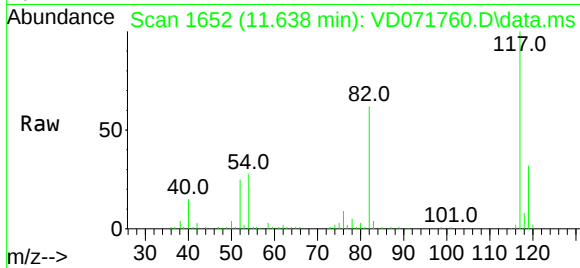




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

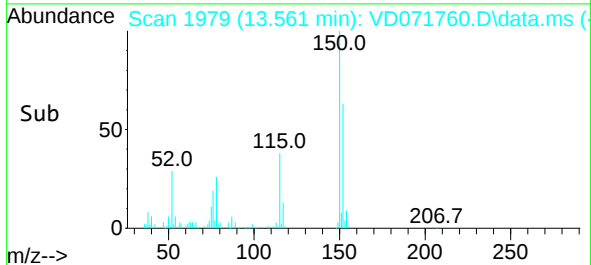
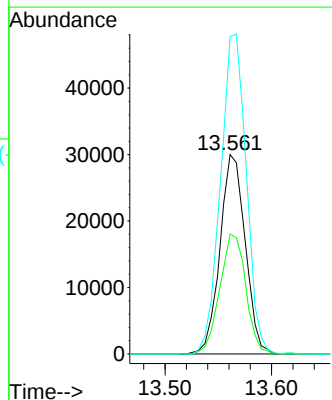
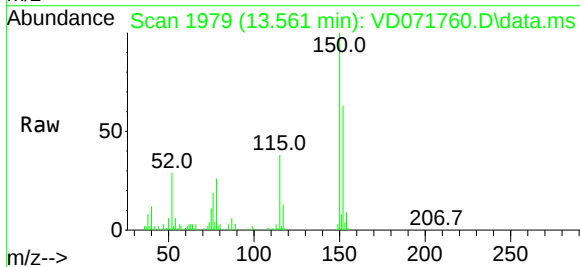
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

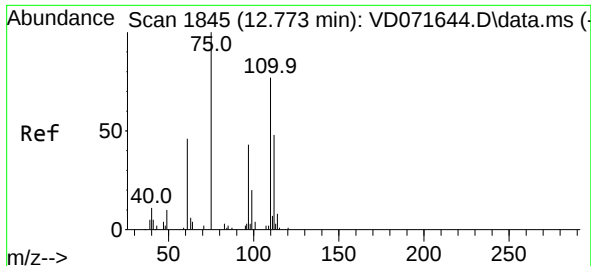
Tgt Ion:117 Resp: 113983
Ion Ratio Lower Upper
117 100
82 62.3 46.9 70.3
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion:152 Resp: 49356
Ion Ratio Lower Upper
152 100
115 61.6 31.5 94.5
150 163.6 0.0 348.0

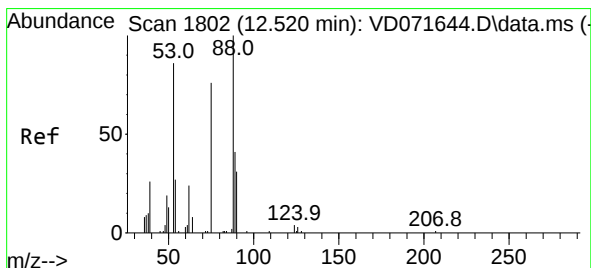
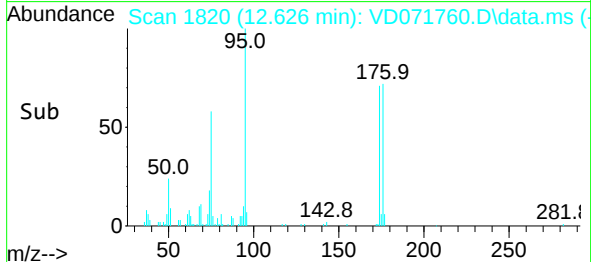
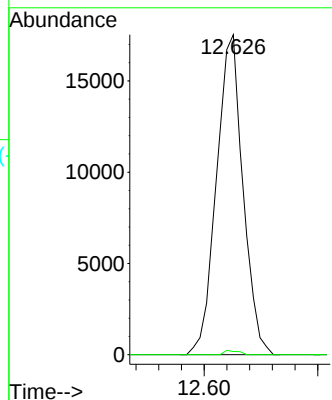
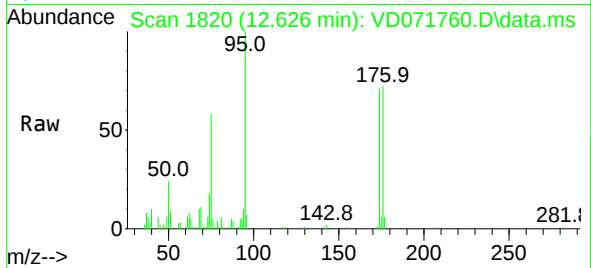




#76
1,2,3-Trichloropropane
Concen: 59.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

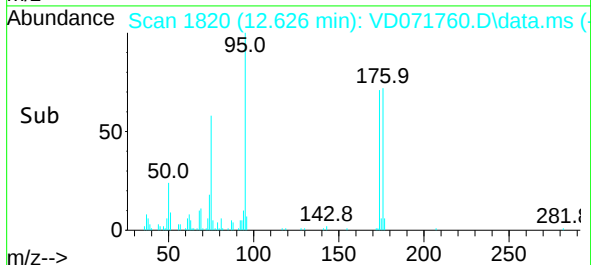
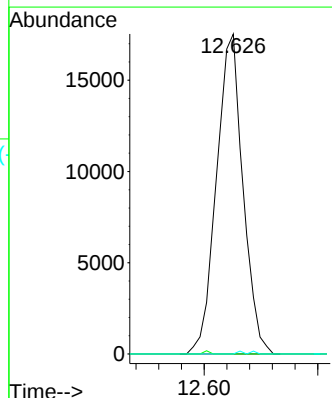
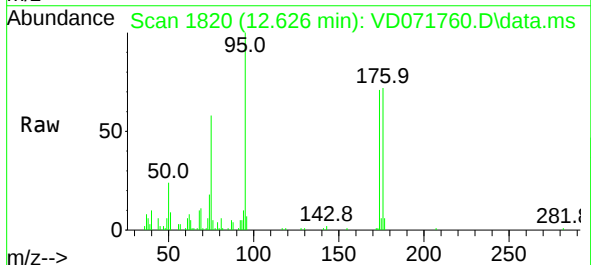
Instrument :
MSVOA_D
ClientSampleId :
72-11940RE

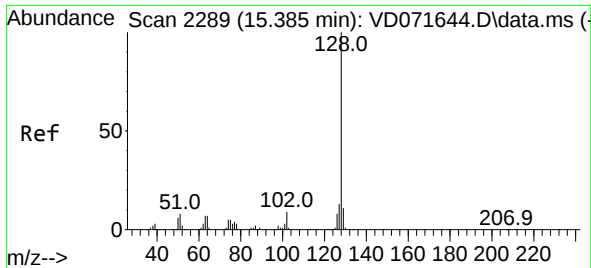
Tgt Ion: 75 Resp: 28377
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 165.882 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071760.D
Acq: 20 Jan 2022 13:37

Tgt Ion: 75 Resp: 28377
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.4 37.2 55.8#





#95

Naphthalene

Concen: 1.117 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD071760.D

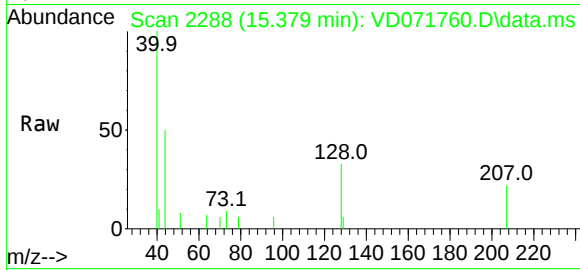
Acq: 20 Jan 2022 13:37

Instrument :

MSVOA_D

ClientSampleId :

72-11940RE



Tgt Ion:128 Resp: 1545

Ion Ratio Lower Upper

128 100

127 3.6 10.9 16.3#

129 7.4 9.1 13.7#

