

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071773.D
 Acq On : 24 Jan 2022 12:21
 Operator : VA/SY
 Sample : VD0124SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01

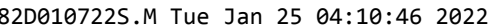
Quant Time: Jan 25 04:10:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

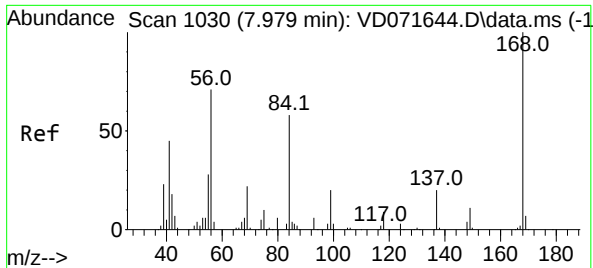
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	254175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	452115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	413524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	183797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182527	55.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.620%	
35) Dibromofluoromethane	7.914	113	156486	52.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.338	98	554885	49.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.626	95	184352	46.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	750	Below Cal	#	43
3) Chloromethane	2.220	50	994	Below Cal	#	43
5) Bromomethane	2.785	94	834	Below Cal	#	80
11) Tert butyl alcohol	5.179	59	3630	Below Cal	#	75
16) Acetone	4.162	43	10146	13.437	ug/l	98
18) Methyl Acetate	4.709	43	64	Below Cal	#	56
25) 2-Butanone	7.220	43	9423	10.562	ug/l	# 89
31) Cyclohexane	7.979	56	8377	2.159	ug/l	# 1
36) 1,1-Dichloropropene	7.973	75	25631	6.014	ug/l	# 50
37) Ethyl Acetate	7.220	43	9423	4.764	ug/l	# 69
38) Carbon Tetrachloride	7.979	117	28975	6.713	ug/l	# 17
41) Methacrylonitrile	7.555	41	67	1.184	ug/l	# 1
48) Methyl methacrylate	9.426	41	3014	1.602	ug/l	# 43
76) 1,2,3-Trichloropropane	12.626	75	110678	62.319	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	110678	173.738	ug/l	# 3

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

Quant Time: Jan 25 04:10:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
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QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

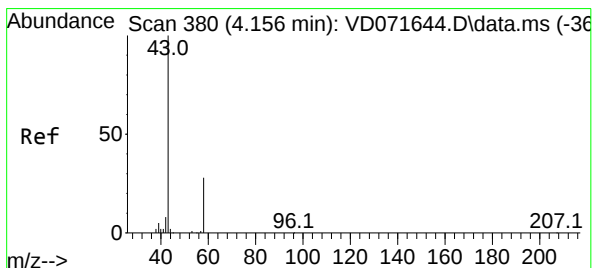
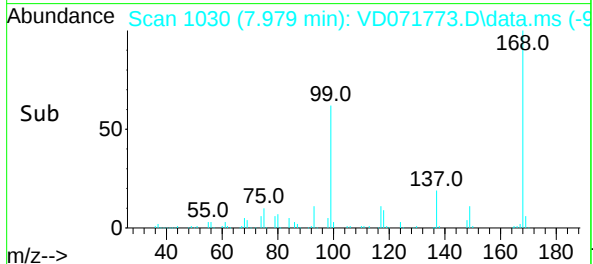
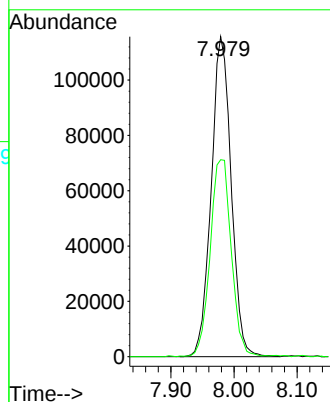
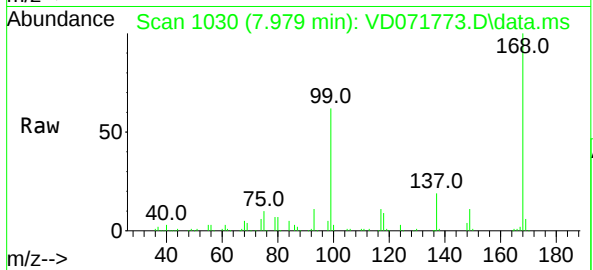




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

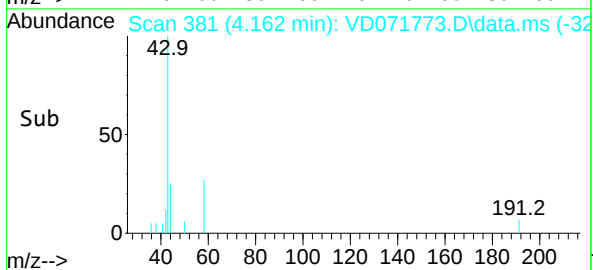
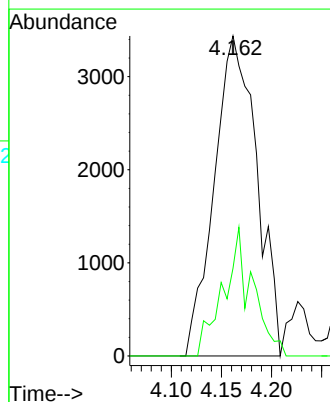
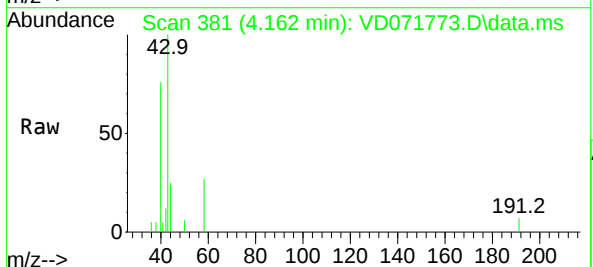
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

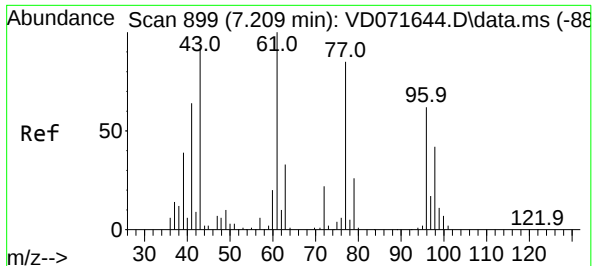
Tgt Ion:168 Resp: 254175
Ion Ratio Lower Upper
168 100
99 61.3 51.8 77.6



#16
Acetone
Concen: 13.437 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 43 Resp: 10146
Ion Ratio Lower Upper
43 100
58 27.4 21.0 31.6

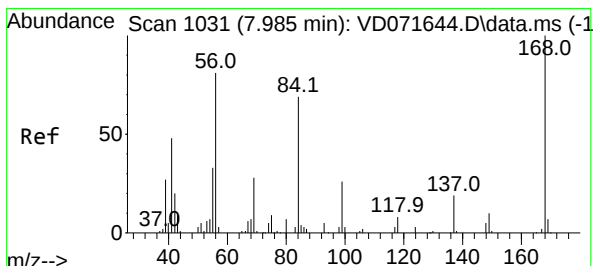
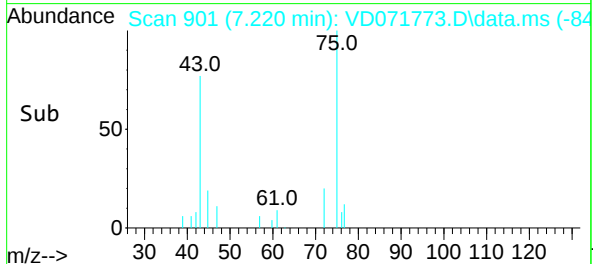
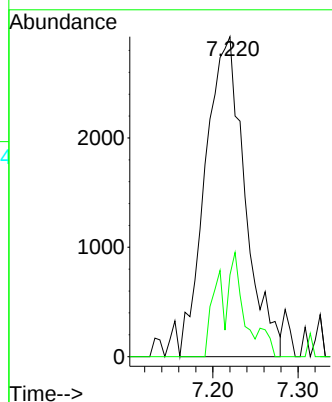
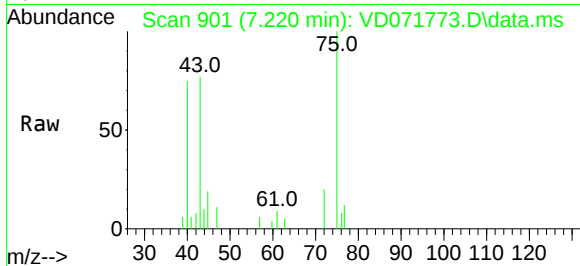




#25
2-Butanone
Concen: 10.562 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

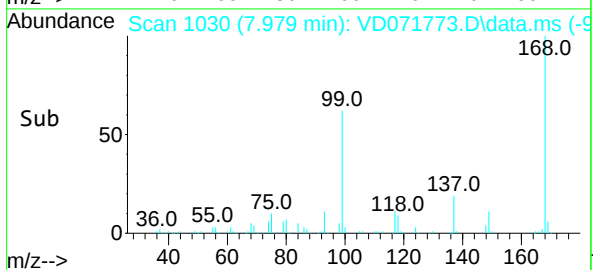
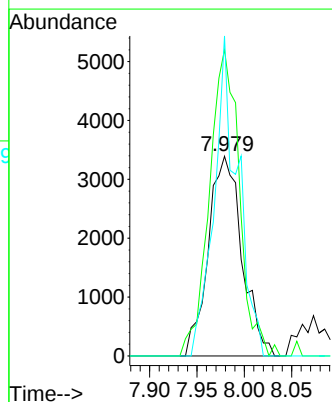
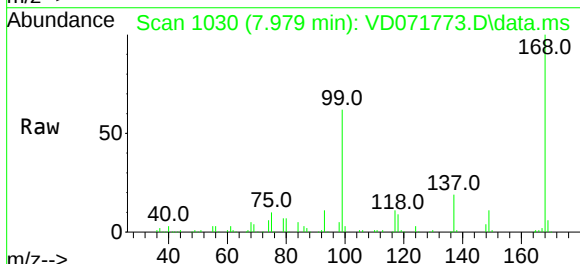
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

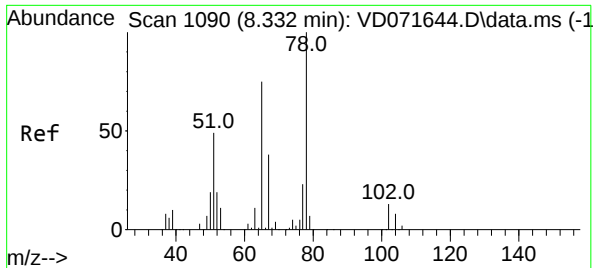
Tgt Ion: 43 Resp: 9423
Ion Ratio Lower Upper
43 100
72 25.5 16.4 24.6#



#31
Cyclohexane
Concen: 2.159 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 56 Resp: 8377
Ion Ratio Lower Upper
56 100
69 153.4 21.7 32.5#
84 160.2 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 55.810 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

Instrument :

MSVOA_D

ClientSampleId :

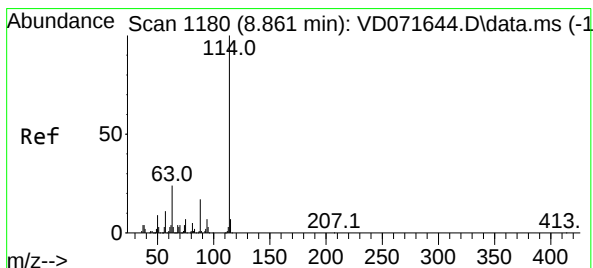
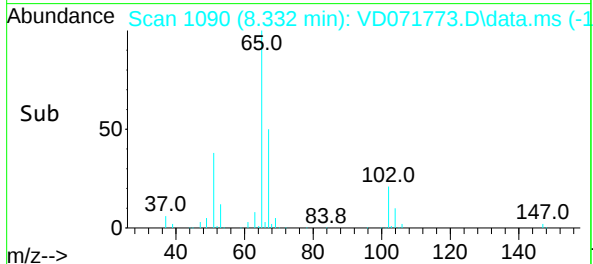
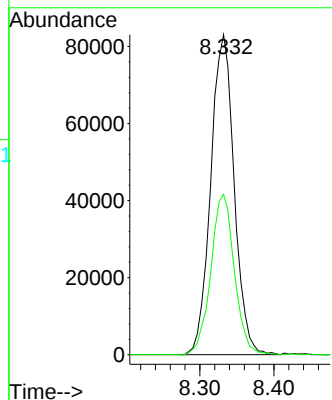
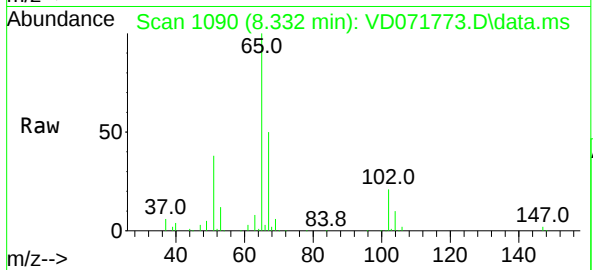
VD0124SBL01

Tgt Ion: 65 Resp: 182527

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

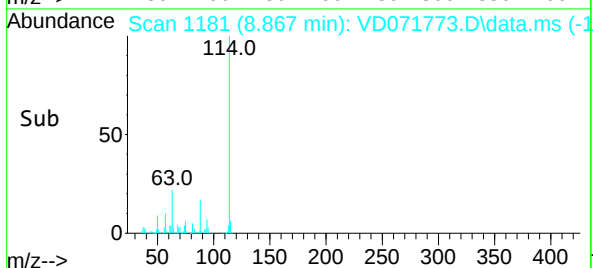
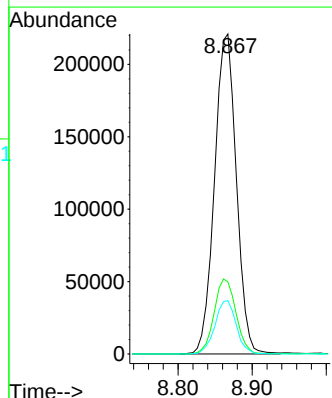
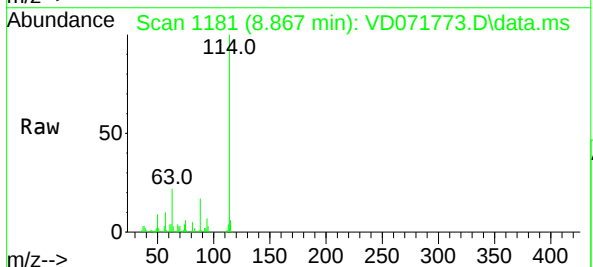
Tgt Ion: 114 Resp: 452115

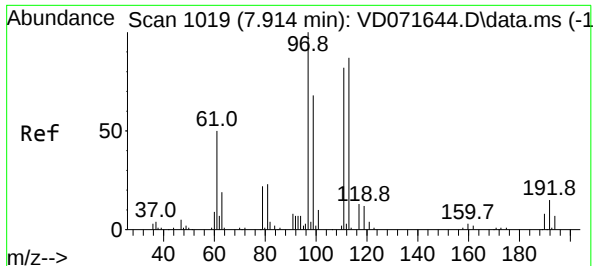
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

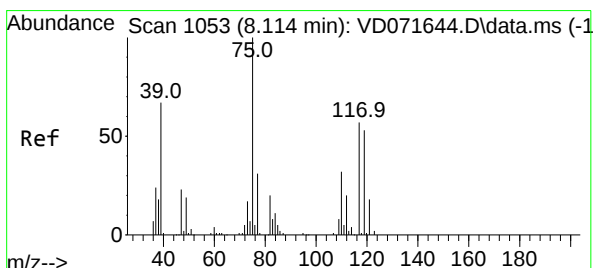
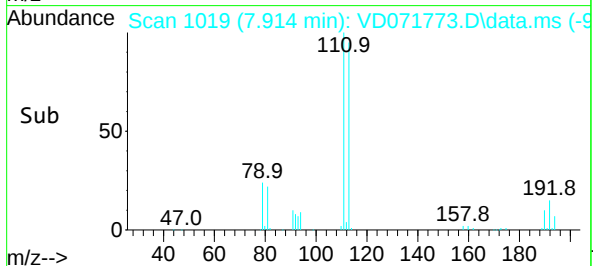
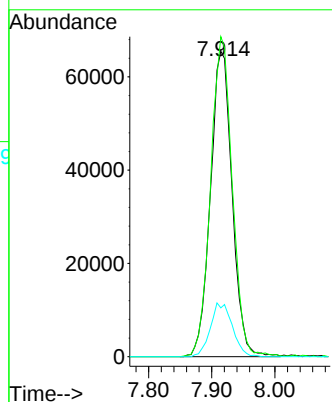
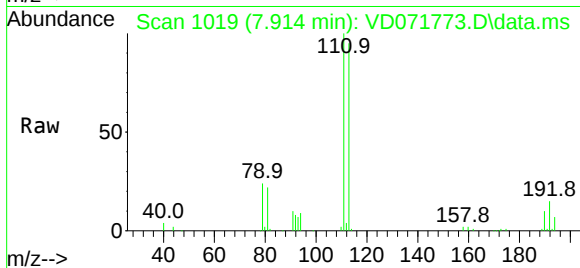
Tgt Ion:113 Resp: 156486

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 17.8 14.2 21.2



#36

1,1-Dichloropropene

Concen: 6.014 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

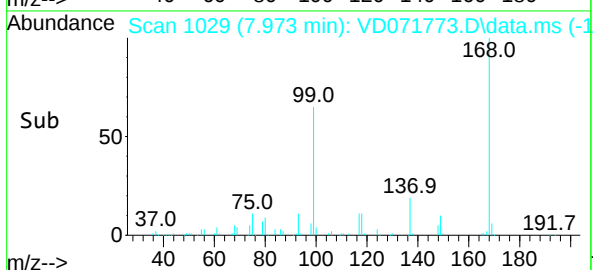
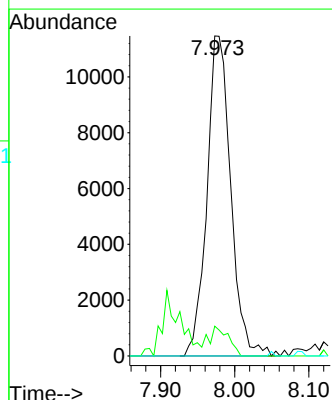
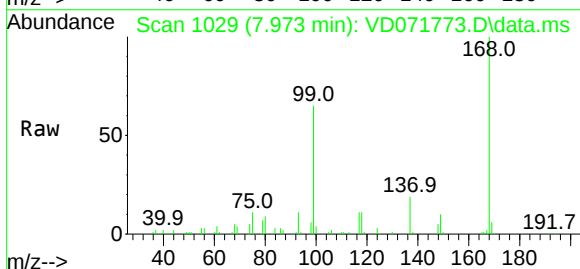
Tgt Ion: 75 Resp: 25631

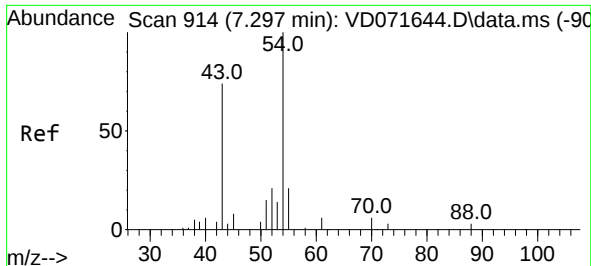
Ion Ratio Lower Upper

75 100

110 7.5 16.0 48.0#

77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 4.764 ug/l

RT: 7.220 min Scan# 90

Delta R.T. -0.071 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

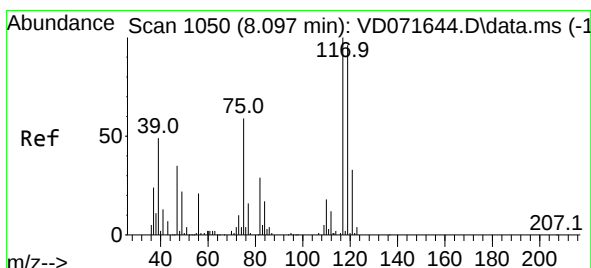
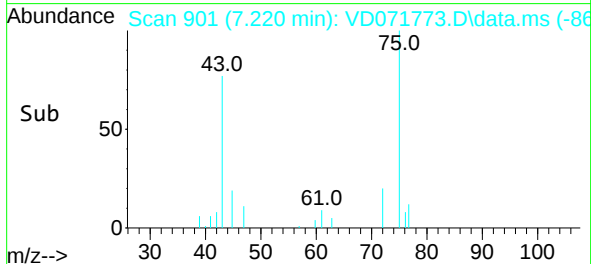
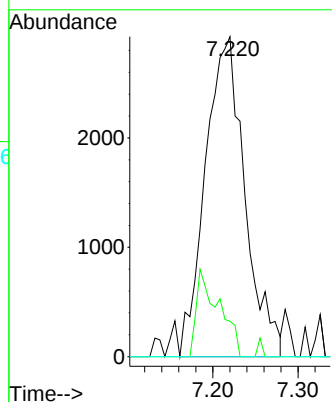
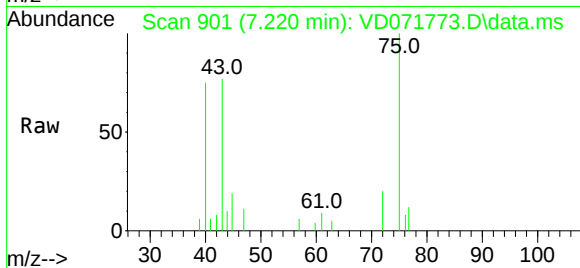
Tgt Ion: 43 Resp: 9423

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.4#

70 0.0 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 6.713 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

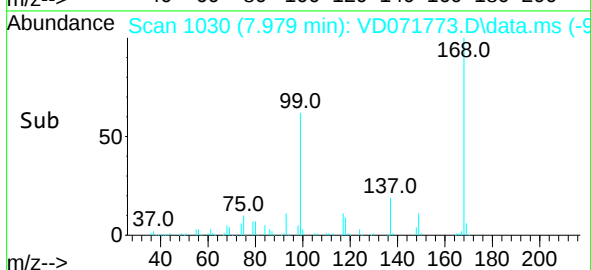
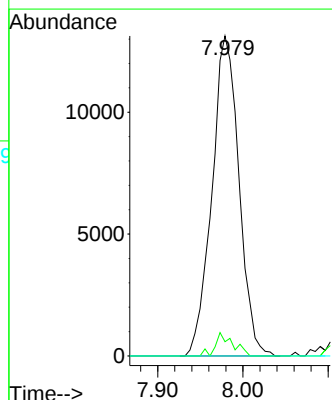
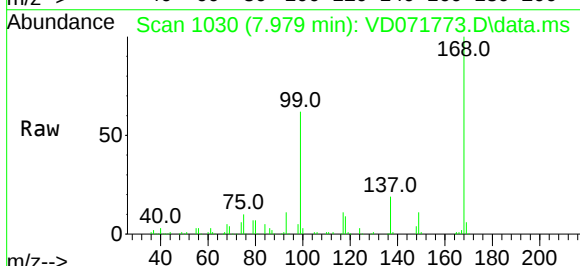
Tgt Ion: 117 Resp: 28975

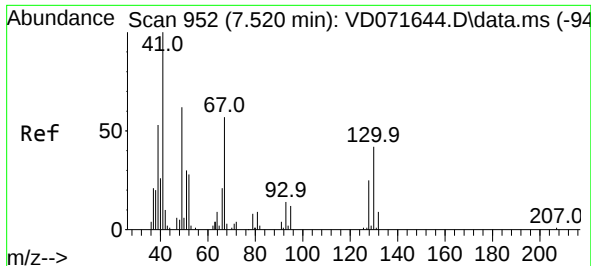
Ion Ratio Lower Upper

117 100

119 4.5 73.4 110.2#

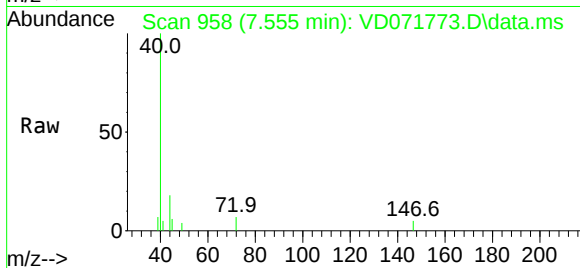
121 0.0 23.9 35.9#



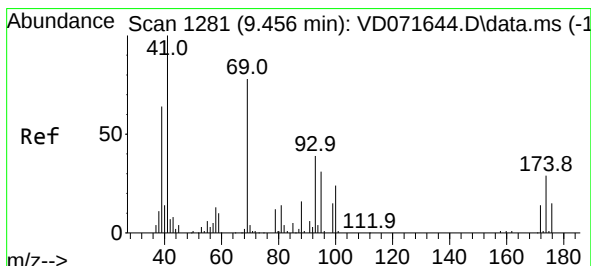
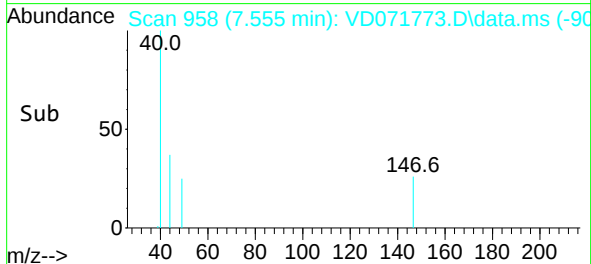
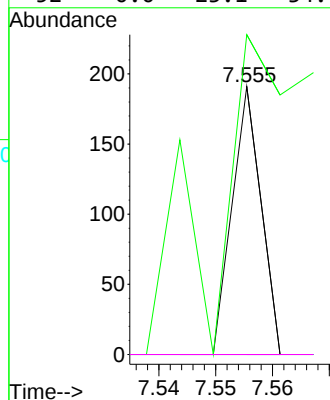


#41
Methacrylonitrile
Concen: 1.184 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.035 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

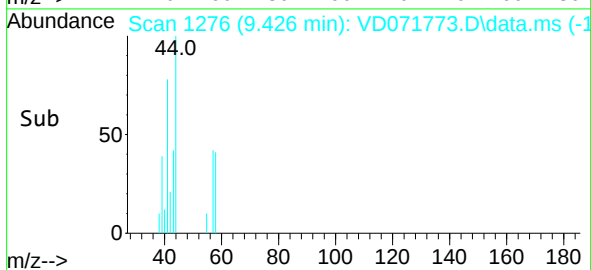
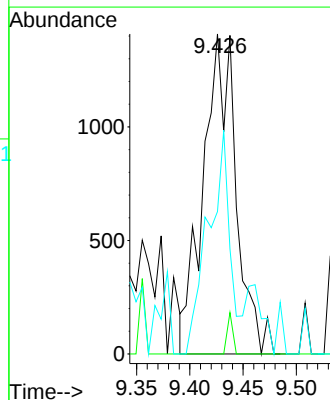
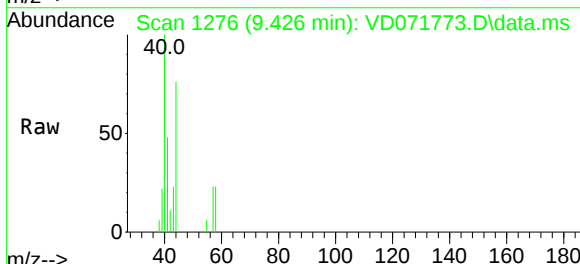


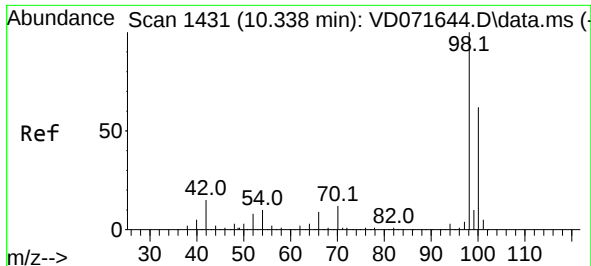
Tgt Ion:	41	Resp:	67
Ion	Ratio	Lower	Upper
41	100		
39	503.0	46.9	70.3#
67	0.0	49.3	73.9#
52	0.0	23.1	34.7#



#48
Methyl methacrylate
Concen: 1.602 ug/l
RT: 9.426 min Scan# 1276
Delta R.T. -0.029 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion:	41	Resp:	3014
Ion	Ratio	Lower	Upper
41	100		
69	2.2	59.5	89.3#
39	47.3	56.0	84.0#

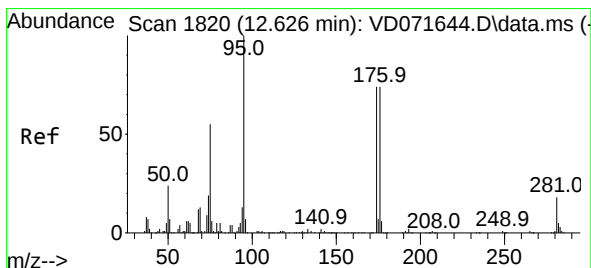
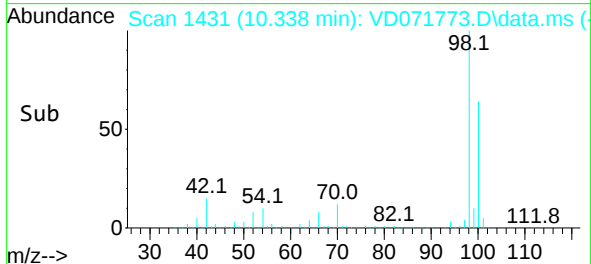
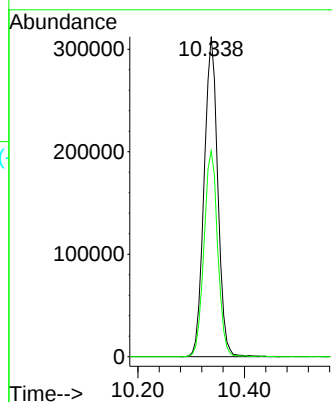
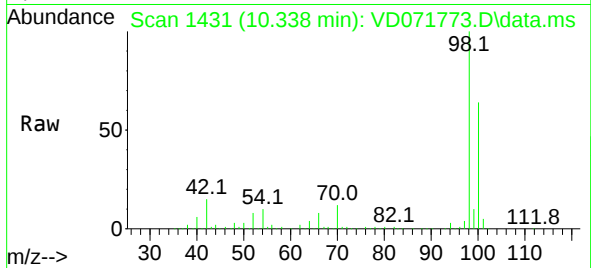




#50
Toluene-d8
Concen: 49.611 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

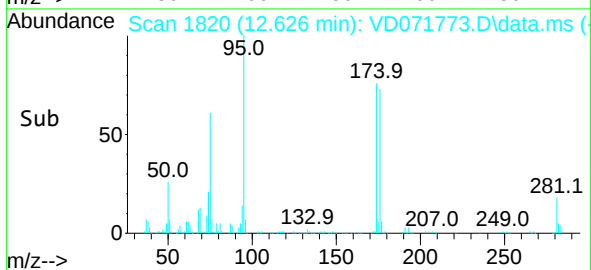
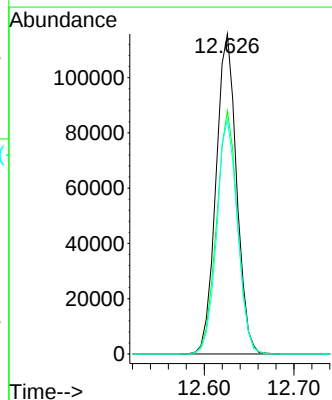
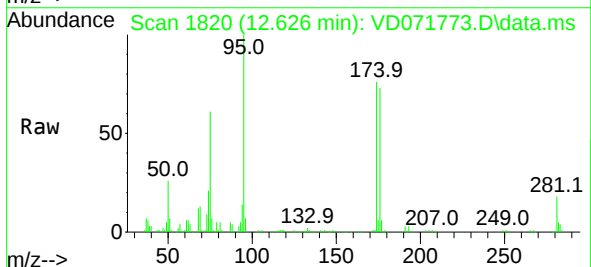
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

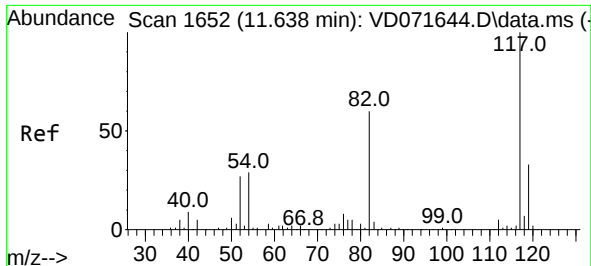
Tgt Ion: 98 Resp: 554885
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.775 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 95 Resp: 184352
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.0
176 73.7 0.0 146.4

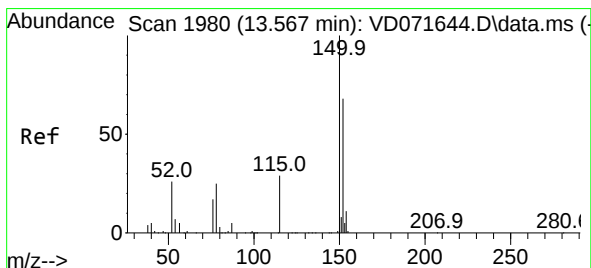
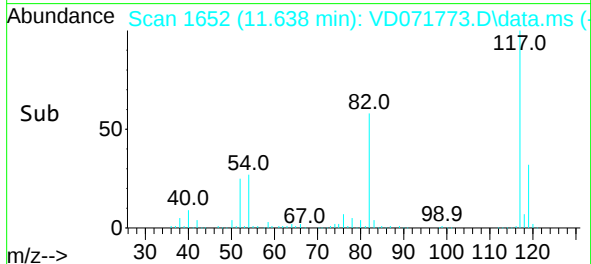
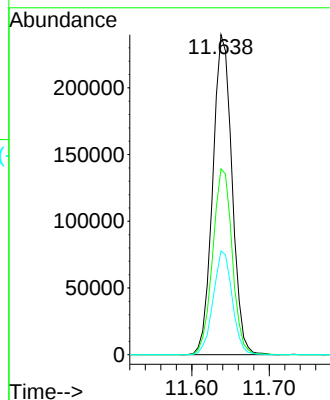
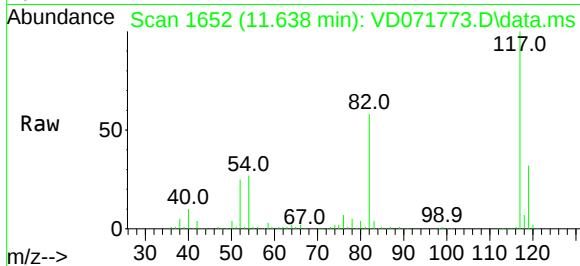




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

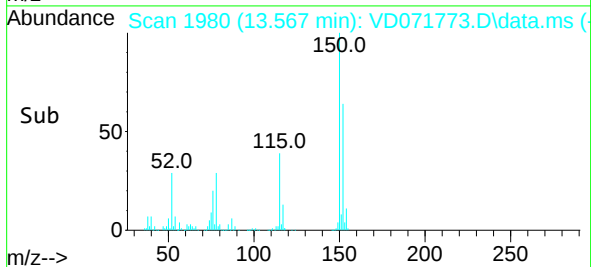
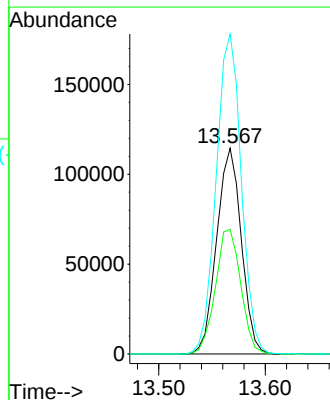
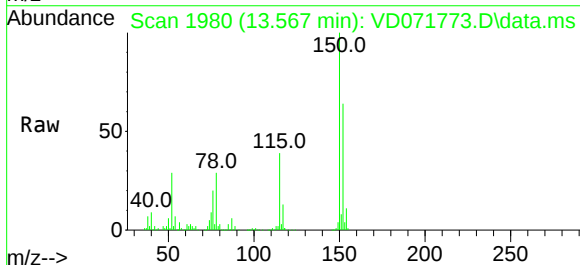
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

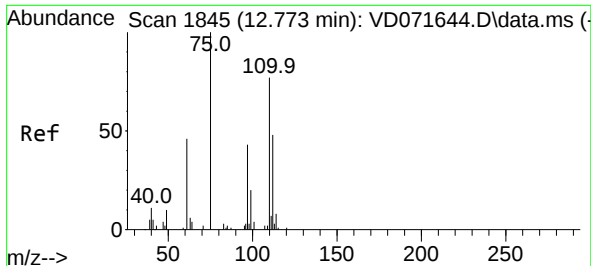
Tgt Ion:117 Resp: 413524
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion:152 Resp: 183797
Ion Ratio Lower Upper
152 100
115 62.3 31.5 94.5
150 158.5 0.0 348.0

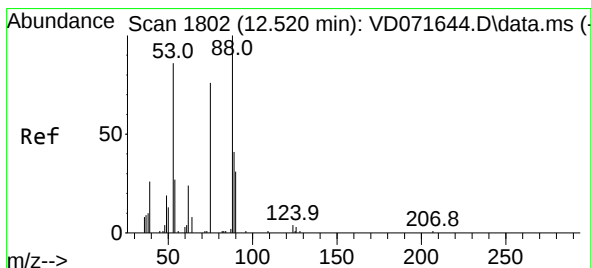
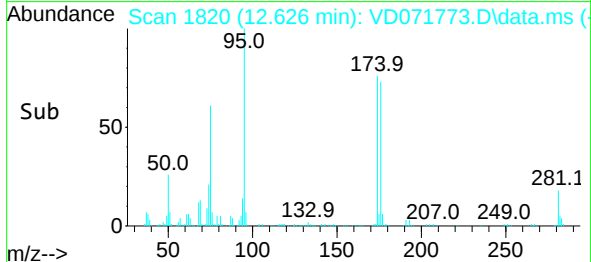
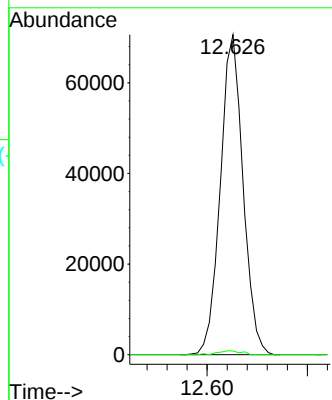
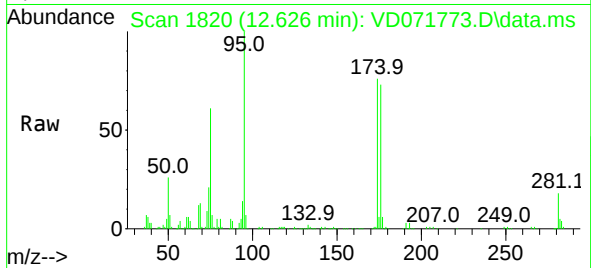




#76
1,2,3-Trichloropropane
Concen: 62.319 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

Tgt Ion: 75 Resp: 110678
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.738 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 75 Resp: 110678
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.2 37.2 55.8#

