

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071654.D
 Acq On : 10 Jan 2022 13:01
 Operator : VA/SY
 Sample : N1064-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 11 04:07:43 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)

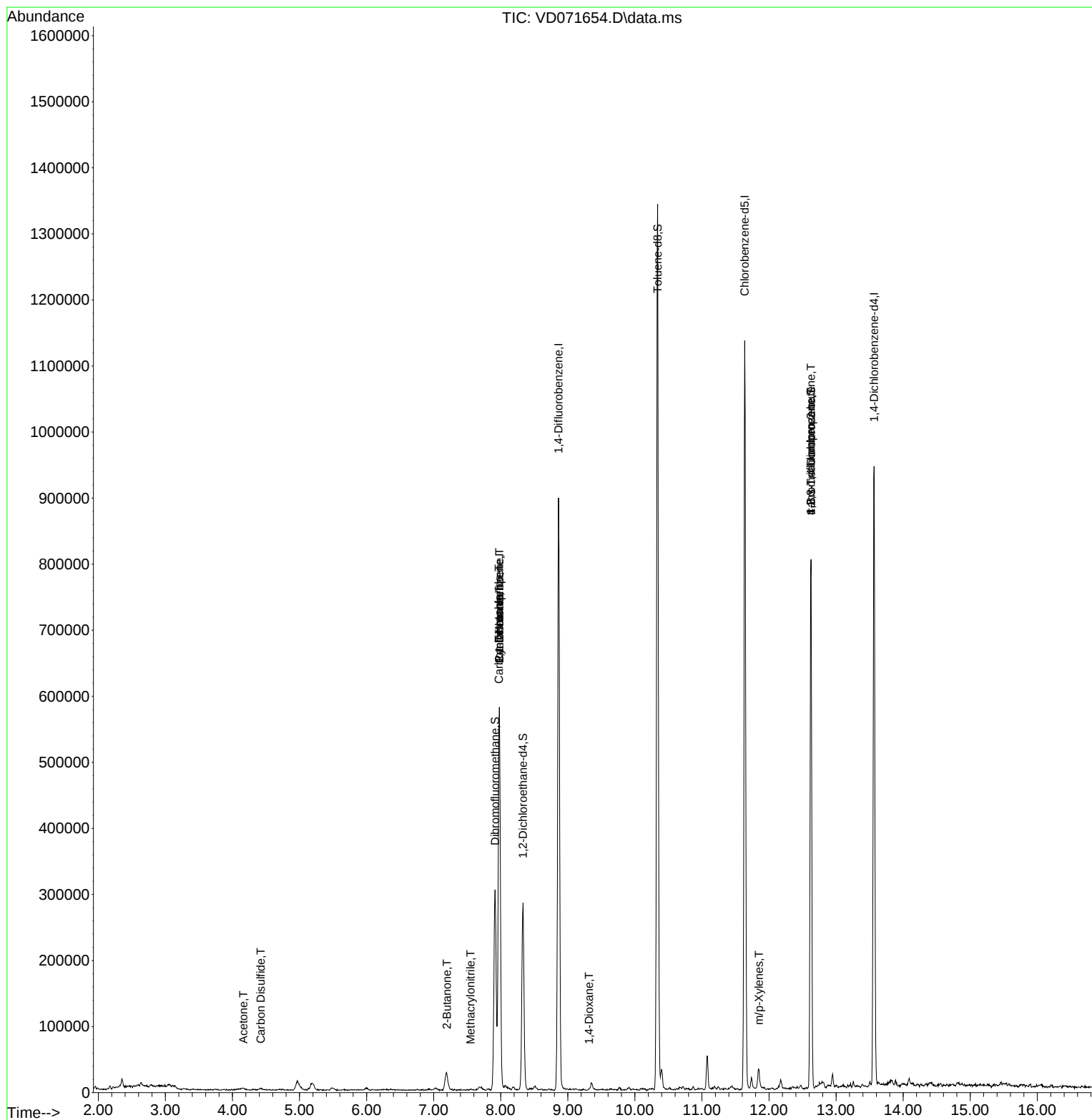
Internal Standards						
1) Pentafluorobenzene	7.979	168	395046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	691976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	225469	44.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.720%
35) Dibromofluoromethane	7.914	113	212227	46.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.820%
50) Toluene-d8	10.338	98	854799	49.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.626	95	251123	41.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	898	Below Cal	#	68
3) Chloromethane	2.221	50	1387	Below Cal		92
5) Bromomethane	2.791	94	1756	Below Cal	#	72
11) Tert butyl alcohol	5.191	59	11046	Below Cal	#	77
16) Acetone	4.162	43	5282	4.501	ug/l	100
17) Carbon Disulfide	4.420	76	5061	1.040	ug/l	# 74
18) Methyl Acetate	4.715	43	147	Below Cal	#	56
20) Methylene Chloride	4.962	84	9423	Below Cal	#	68
25) 2-Butanone	7.197	43	2126	1.533	ug/l	# 56
31) Cyclohexane	7.979	56	14197	2.326	ug/l	# 31
36) 1,1-Dichloropropene	7.979	75	38272	5.867	ug/l	# 52
38) Carbon Tetrachloride	7.973	117	45335	6.862	ug/l	# 19
41) Methacrylonitrile	7.550	41	367	1.323	ug/l	# 45
49) 1,4-Dioxane	9.314	88	55	2.206	ug/l	# 1
68) m/p-Xylenes	11.849	106	8465	1.115	ug/l	97
76) 1,2,3-Trichloropropane	12.626	75	142821	65.347	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	142821	182.180	ug/l	# 3

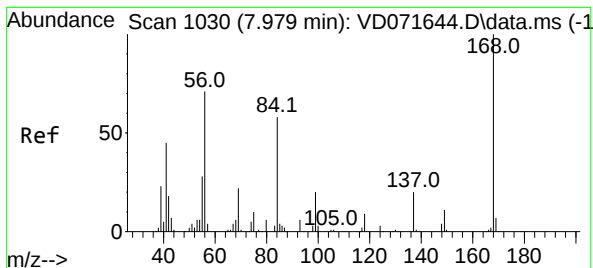
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 04:07:43 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

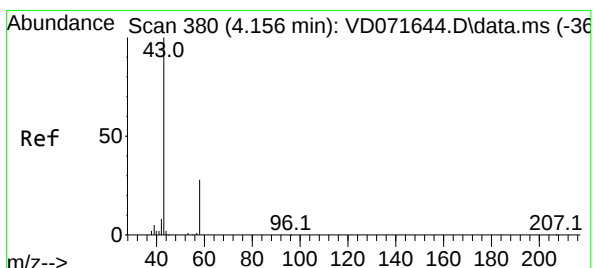
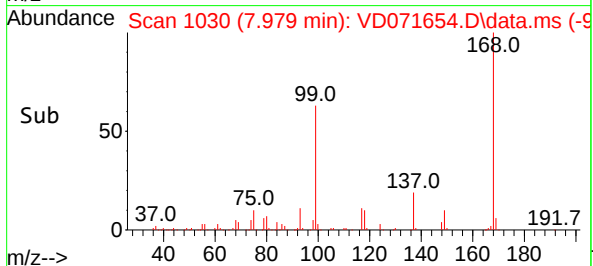
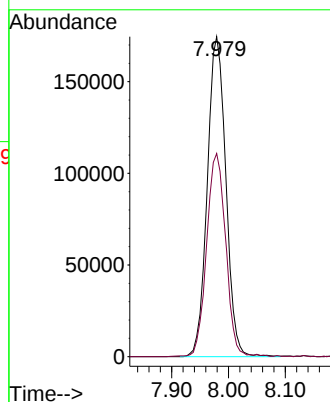
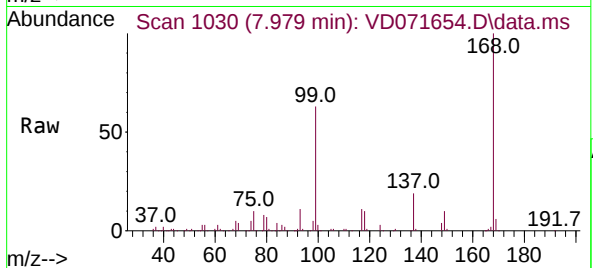




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

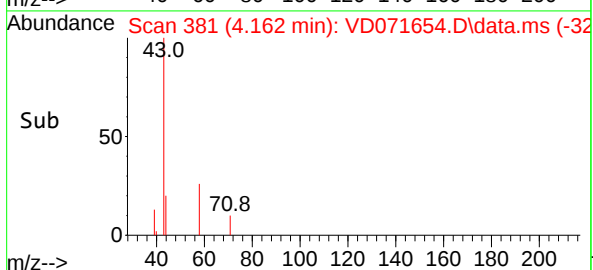
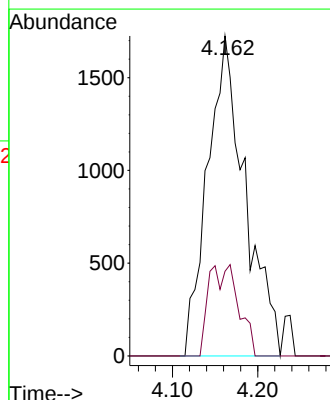
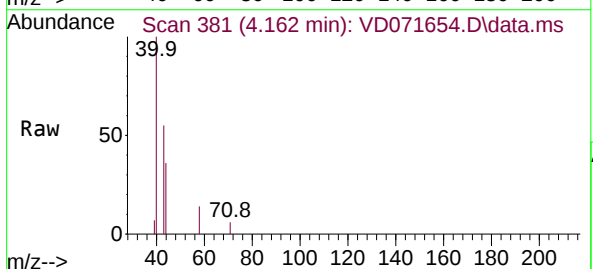
Instrument :
MSVOA_D
ClientSampleId :

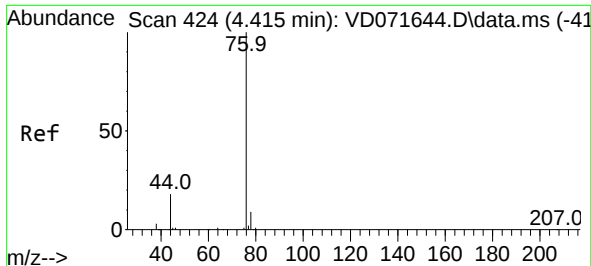
Tgt Ion:168 Resp: 395046
Ion Ratio Lower Upper
168 100
99 63.3 51.8 77.6



#16
Acetone
Concen: 4.501 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion: 43 Resp: 5282
Ion Ratio Lower Upper
43 100
58 26.4 21.0 31.6

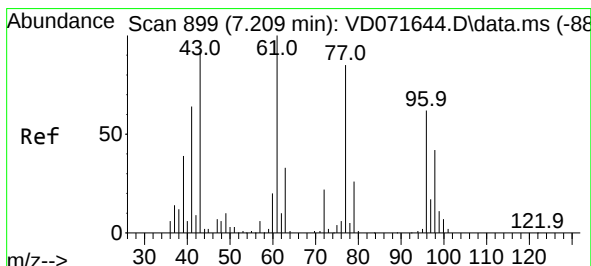
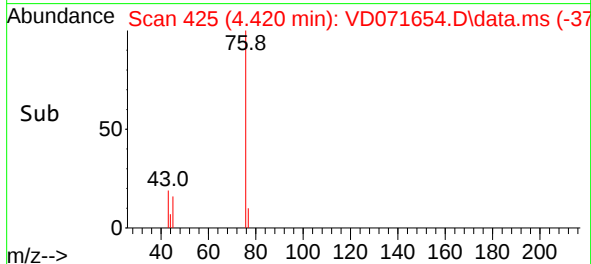
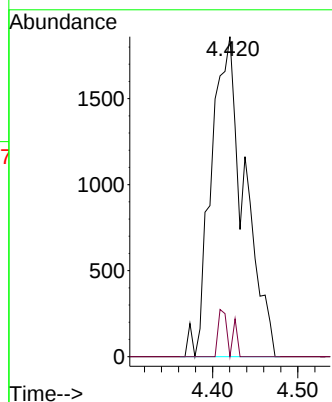
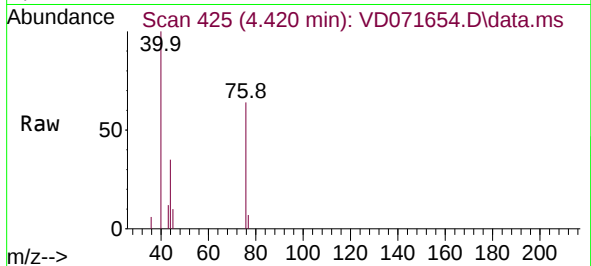




#17
Carbon Disulfide
Concen: 1.040 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

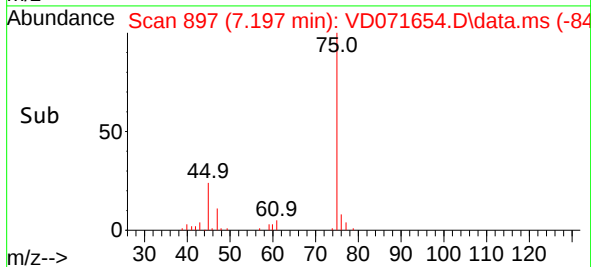
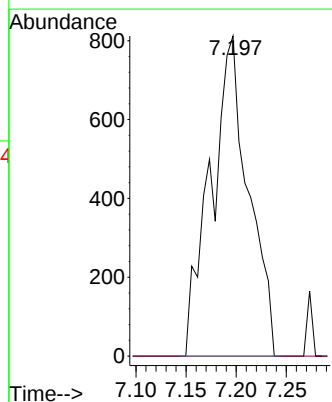
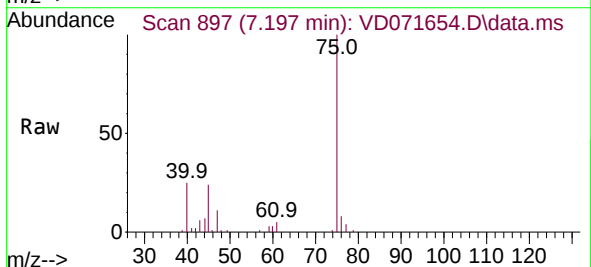
Instrument :
MSVOA_D
ClientSampleId :

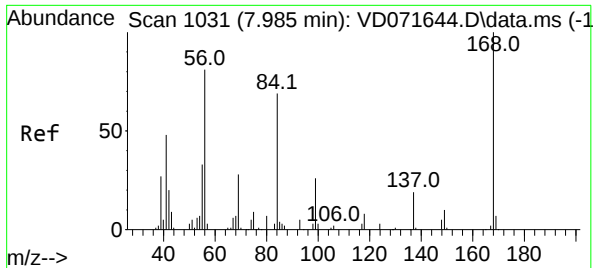
Tgt Ion: 76 Resp: 5061
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#25
2-Butanone
Concen: 1.533 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

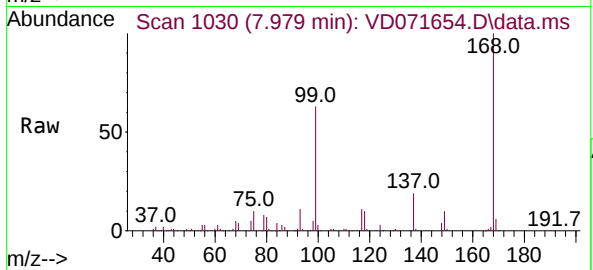
Tgt Ion: 43 Resp: 2126
Ion Ratio Lower Upper
43 100
72 0.0 16.4 24.6#



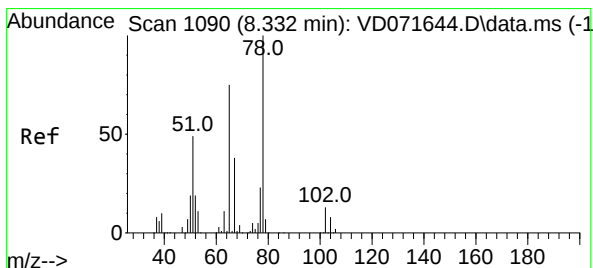
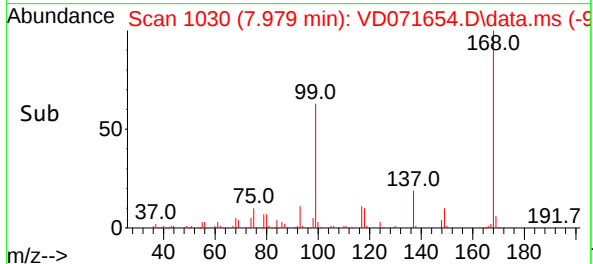
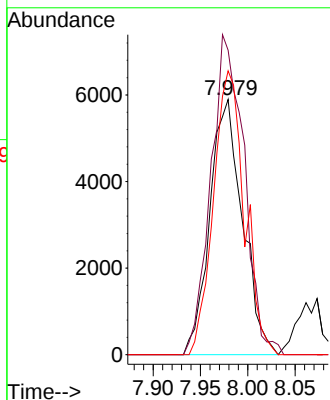


#31
Cyclohexane
Concen: 2.326 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Instrument :
MSVOA_D
ClientSampleId :

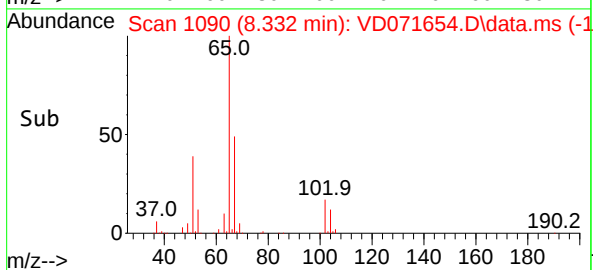
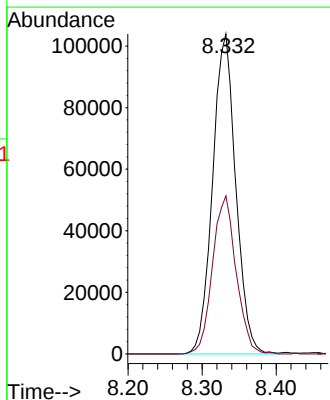
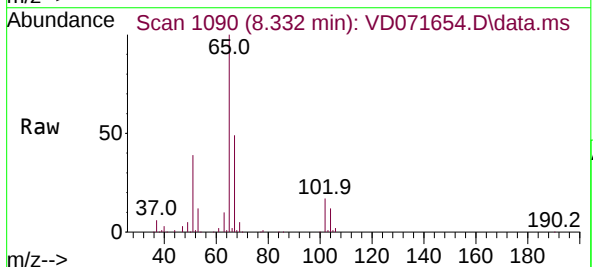


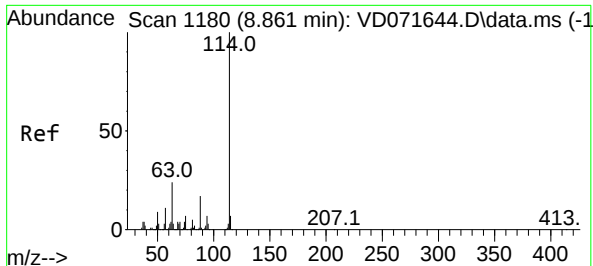
Tgt Ion: 56 Resp: 14197
Ion Ratio Lower Upper
56 100
69 119.3 21.7 32.5#
84 111.2 65.7 98.5#



#33
1,2-Dichloroethane-d4
Concen: 44.356 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion: 65 Resp: 225469
Ion Ratio Lower Upper
65 100
67 50.3 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: VD071654.D

Acq: 10 Jan 2022 13:01

Instrument :

MSVOA_D

ClientSampleId :

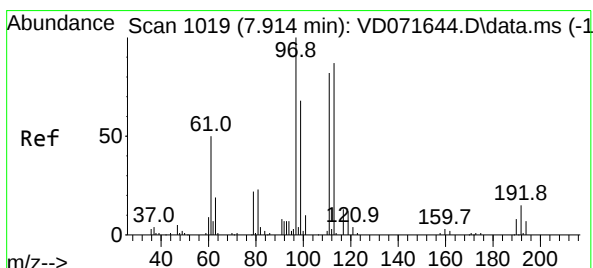
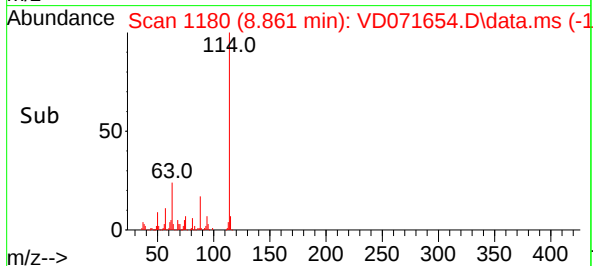
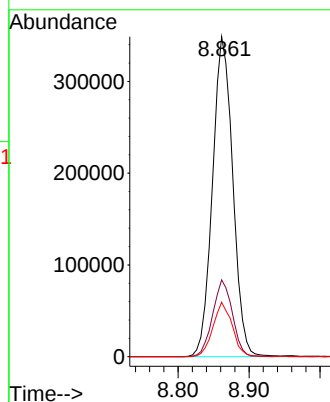
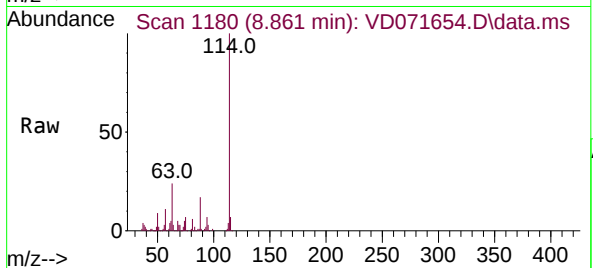
Tgt Ion:114 Resp: 691976

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.2

88 17.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.408 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071654.D

Acq: 10 Jan 2022 13:01

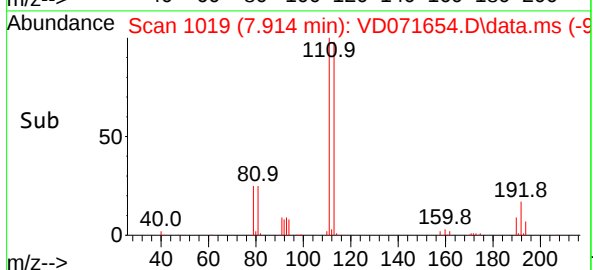
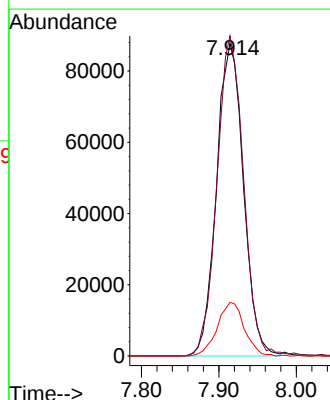
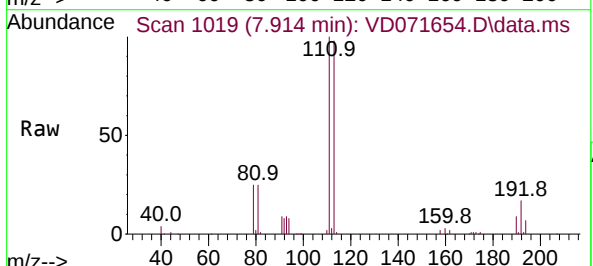
Tgt Ion:113 Resp: 212227

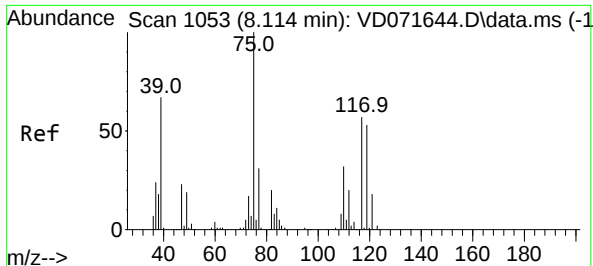
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 17.3 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.867 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071654.D

Acq: 10 Jan 2022 13:01

Instrument :

MSVOA_D

ClientSampleId :

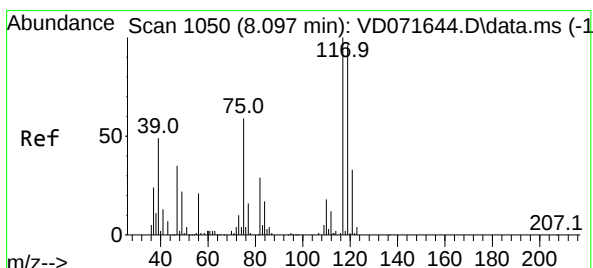
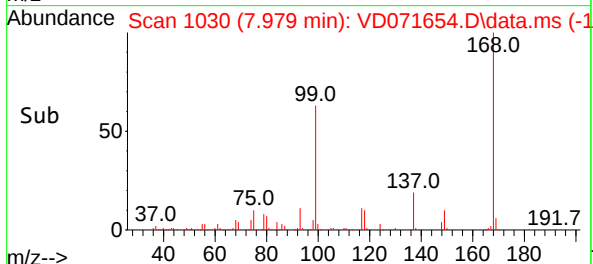
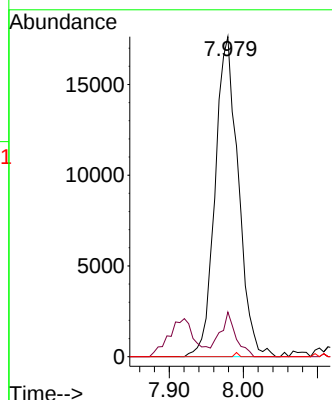
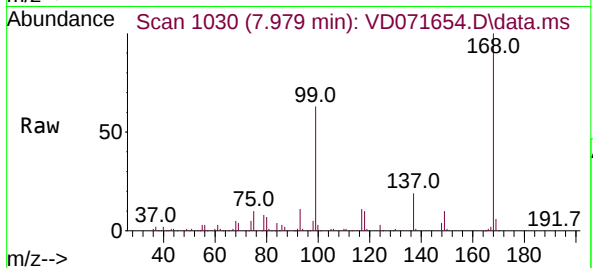
Tgt Ion: 75 Resp: 38272

Ion Ratio Lower Upper

75 100

110 9.4 16.0 48.0#

77 0.2 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.862 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD071654.D

Acq: 10 Jan 2022 13:01

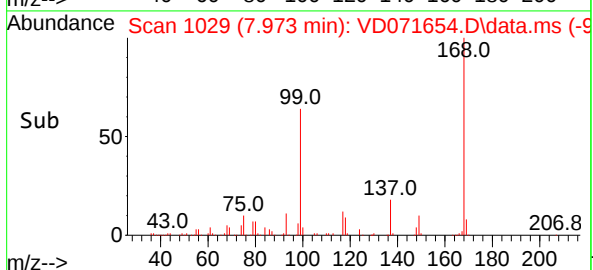
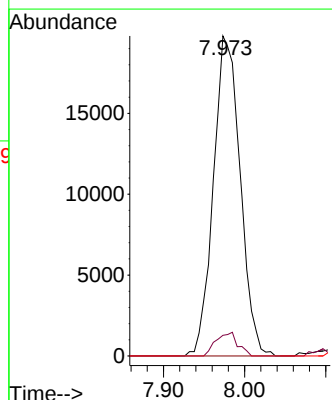
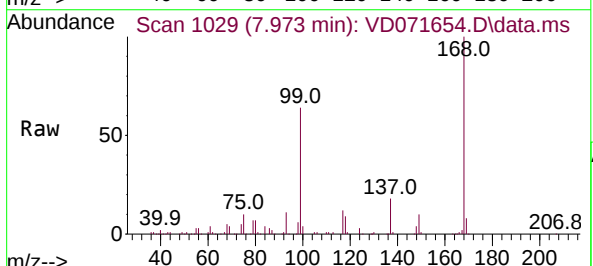
Tgt Ion: 117 Resp: 45335

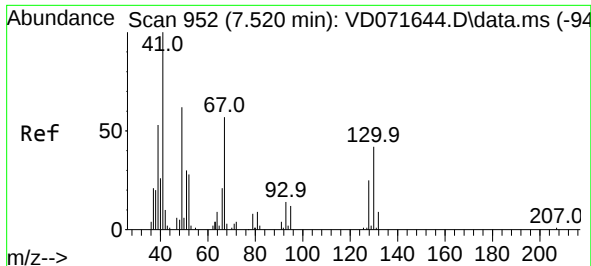
Ion Ratio Lower Upper

117 100

119 6.4 73.4 110.2#

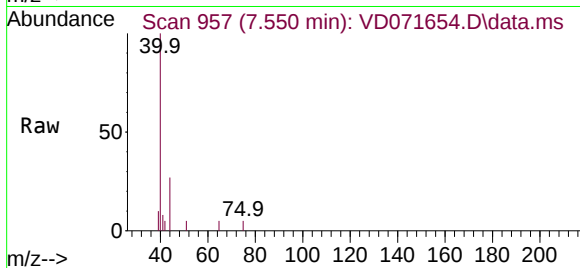
121 0.0 23.9 35.9#



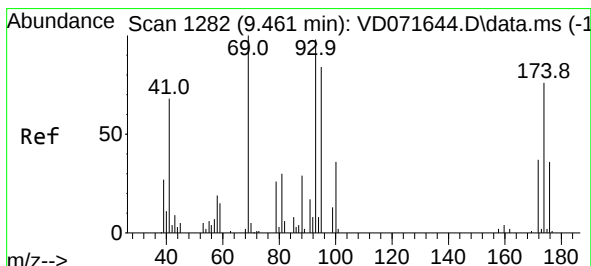
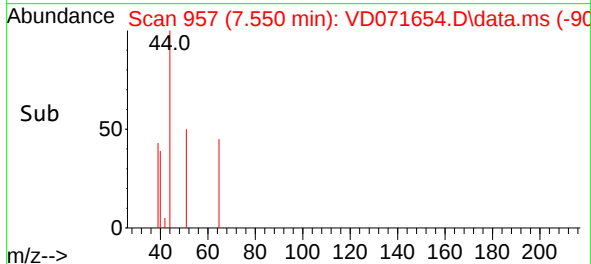
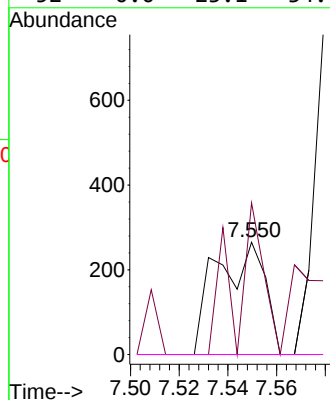


#41
Methacrylonitrile
Concen: 1.323 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.030 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Instrument :
MSVOA_D
ClientSampleId :

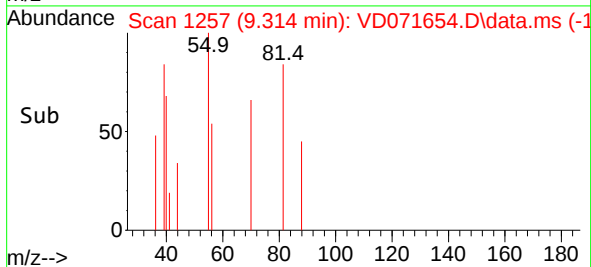
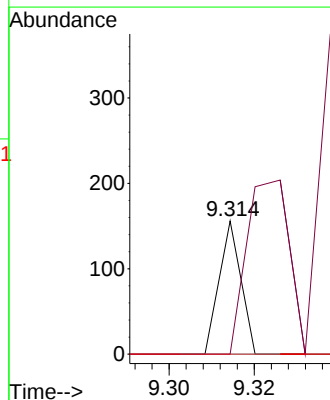
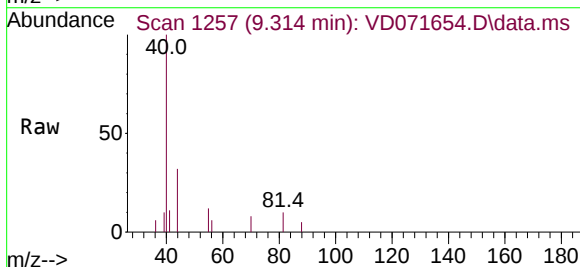


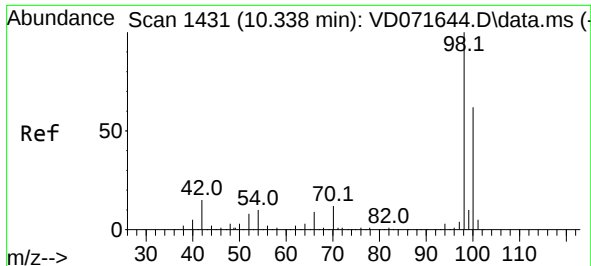
Tgt Ion:	41	Resp:	367
Ion	Ratio	Lower	Upper
41	100		
39	79.6	46.9	70.3#
67	0.0	49.3	73.9#
52	0.0	23.1	34.7#



#49
1,4-Dioxane
Concen: 2.206 ug/l
RT: 9.314 min Scan# 1257
Delta R.T. -0.141 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion:	88	Resp:	55
Ion	Ratio	Lower	Upper
88	100		
43	256.4	34.6	52.0#
58	0.0	62.0	93.0#

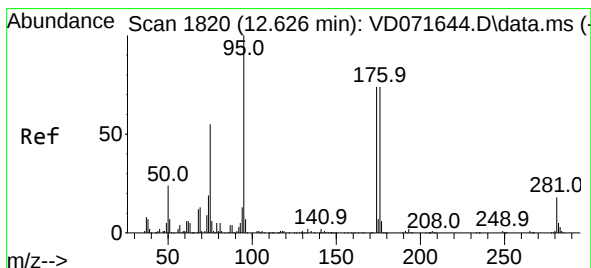
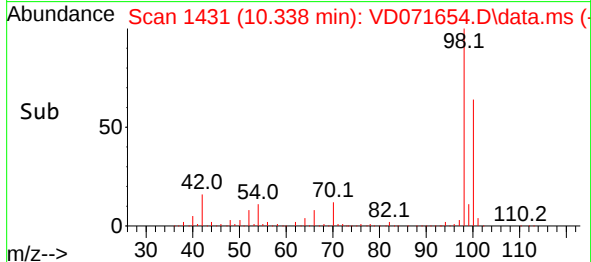
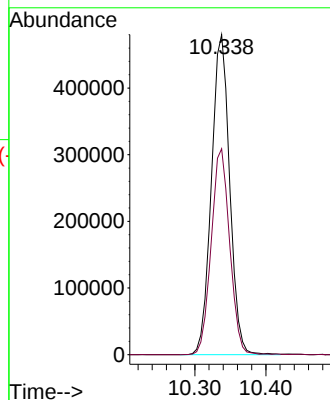
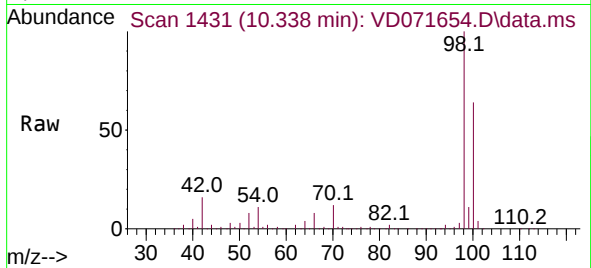




#50
Toluene-d8
Concen: 49.934 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

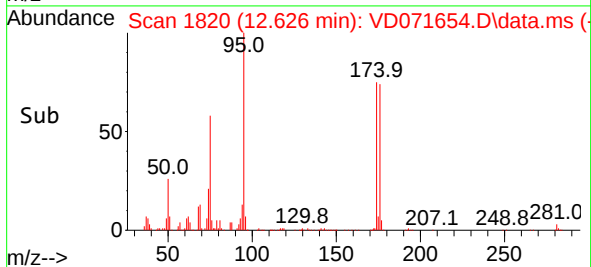
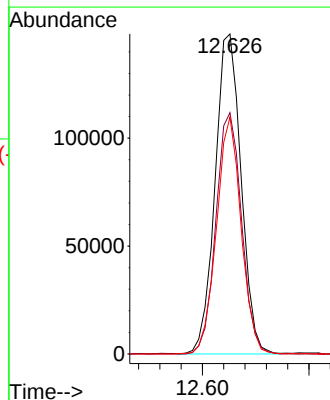
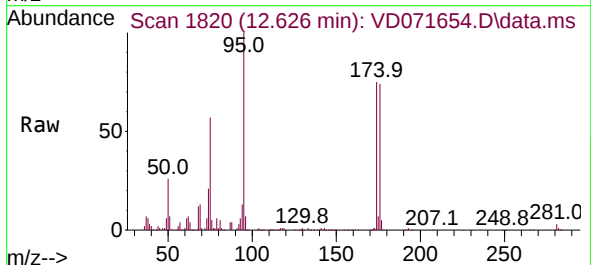
Instrument :
MSVOA_D
ClientSampleId :

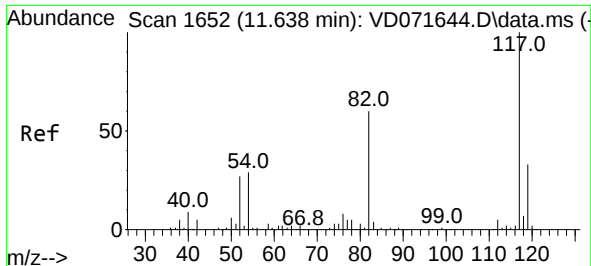
Tgt Ion: 98 Resp: 854799
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.631 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion: 95 Resp: 251123
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.0
176 70.0 0.0 146.4

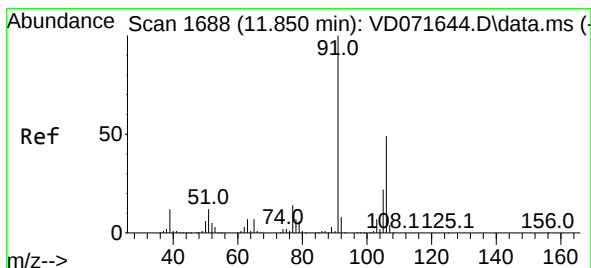
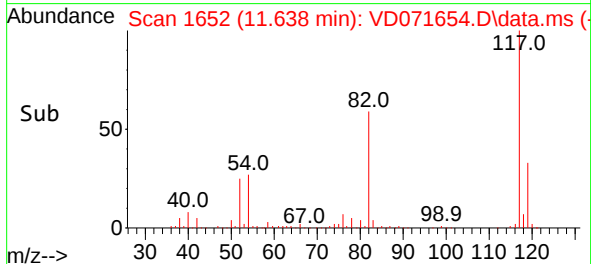
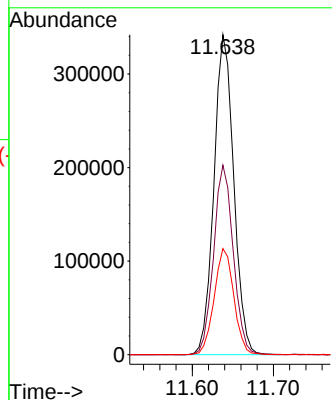
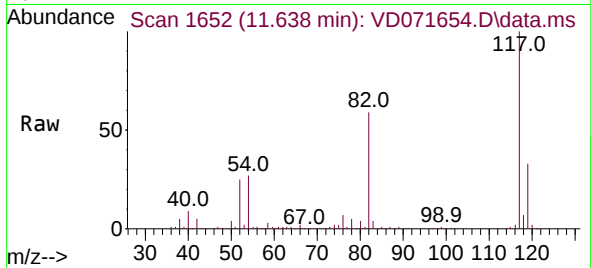




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

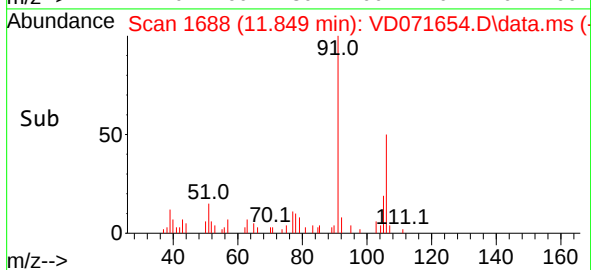
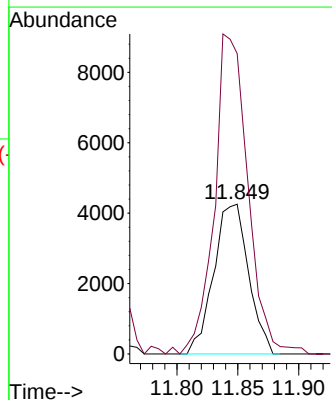
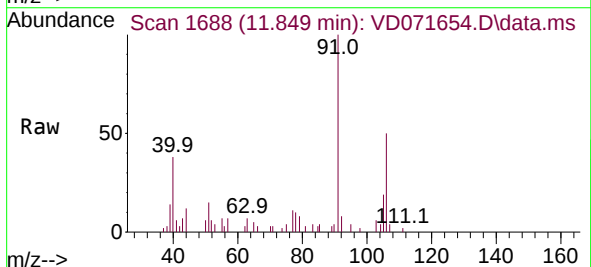
Instrument :
MSVOA_D
ClientSampleId :

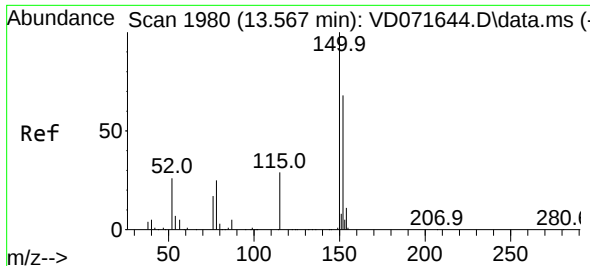
Tgt Ion:117 Resp: 580831
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 33.1 26.6 39.8



#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071654.D
Acq: 10 Jan 2022 13:01

Tgt Ion:106 Resp: 8465
Ion Ratio Lower Upper
106 100
91 205.5 168.6 252.8

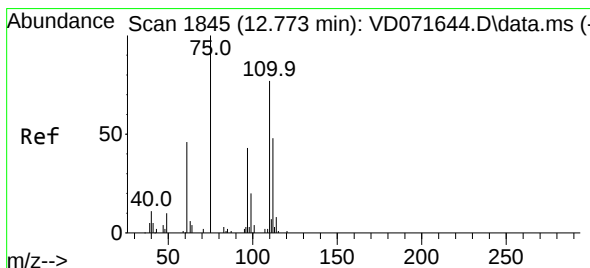
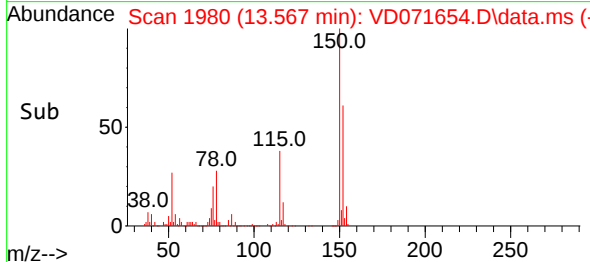
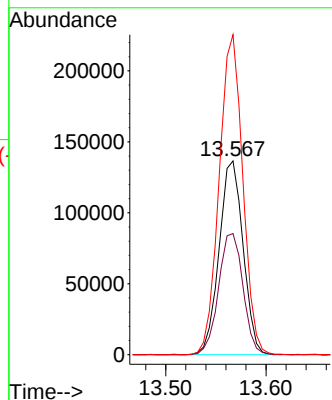
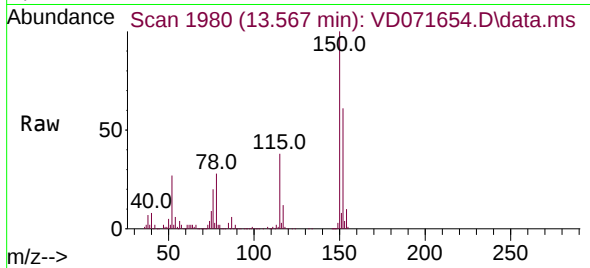




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071654.D
 Acq: 10 Jan 2022 13:01

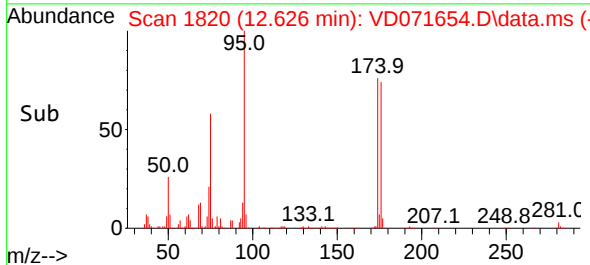
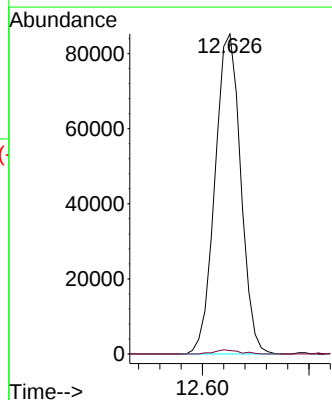
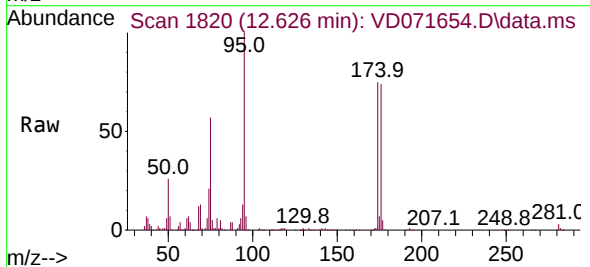
Instrument :
 MSVOA_D
 ClientSampleId :

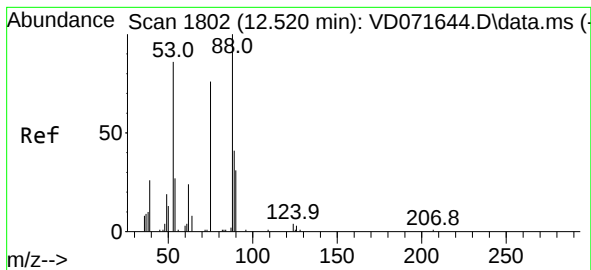
Tgt Ion:152 Resp: 226185
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.5 94.5
 150 162.3 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 65.347 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071654.D
 Acq: 10 Jan 2022 13:01

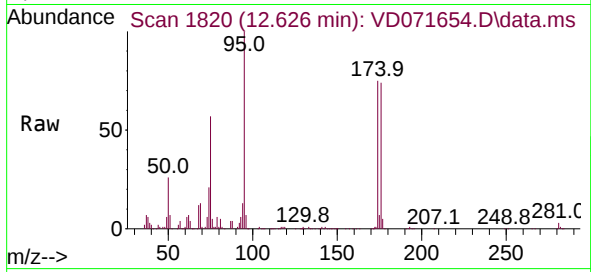
Tgt Ion: 75 Resp: 142821
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 182.180 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071654.D
 Acq: 10 Jan 2022 13:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 142821
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.0 37.2 55.8#

