

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071711.D
 Acq On : 13 Jan 2022 15:48
 Operator : VA/SY
 Sample : N1097-10RE
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2D

Quant Time: Jan 14 04:06:23 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)

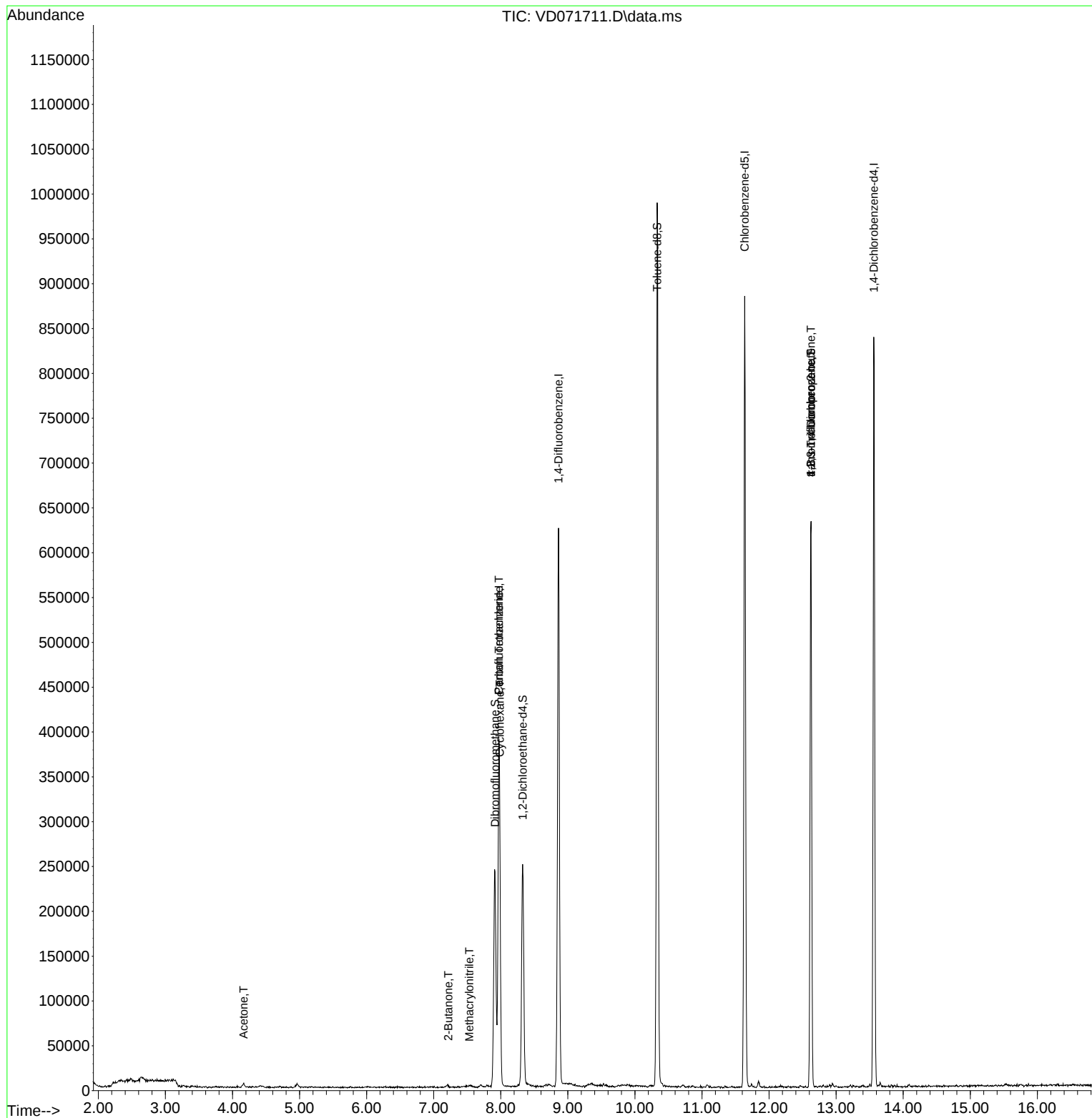
Internal Standards						
1) Pentafluorobenzene	7.973	168	263424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	445258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198348	58.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.040%	
35) Dibromofluoromethane	7.914	113	167220	53.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.332	98	623080	53.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.626	95	199174	48.427	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.979	85	511	Below Cal	#	43
3) Chloromethane	2.203	50	900	Below Cal	#	43
5) Bromomethane	2.779	94	1053	Below Cal		87
11) Tert butyl alcohol	5.226	59	61	Below Cal	#	75
16) Acetone	4.167	43	6265	8.006	ug/l #	86
18) Methyl Acetate	4.714	43	126	Below Cal	#	56
20) Methylene Chloride	4.973	84	2286	Below Cal	#	64
25) 2-Butanone	7.220	43	1207	1.305	ug/l #	56
31) Cyclohexane	7.985	56	8496	2.120	ug/l #	70
38) Carbon Tetrachloride	7.973	117	29317	6.509	ug/l #	17
41) Methacrylonitrile	7.532	41	57	1.174	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	113224	59.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	113224	166.110	ug/l #	3

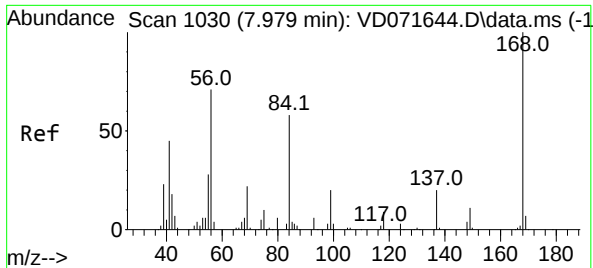
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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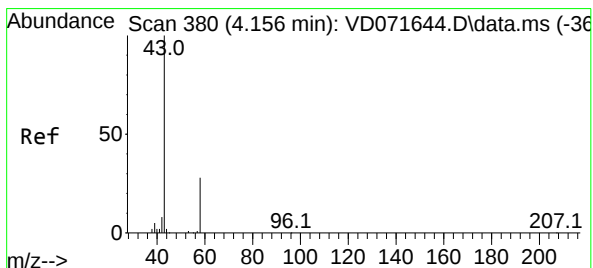
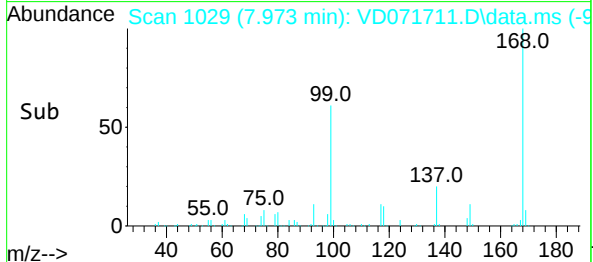
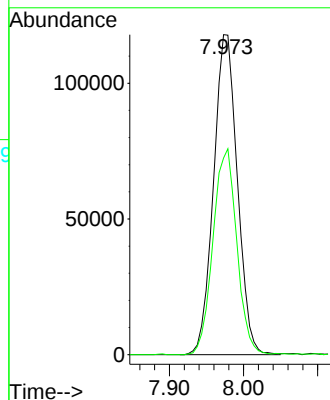
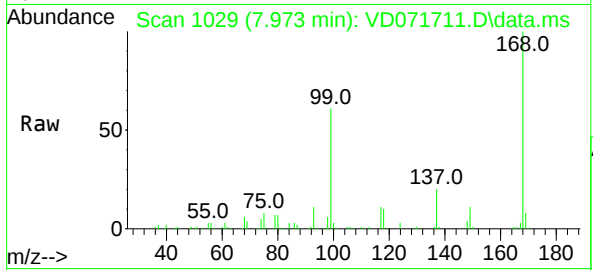




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

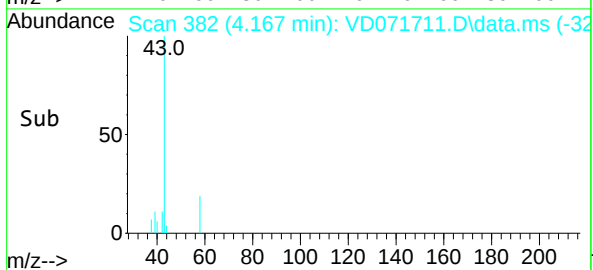
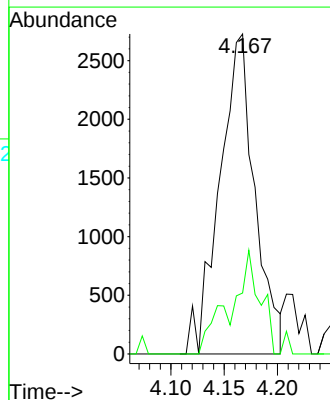
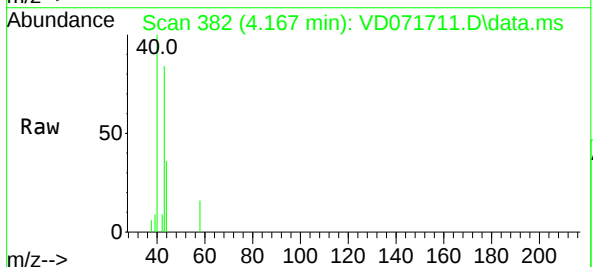
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

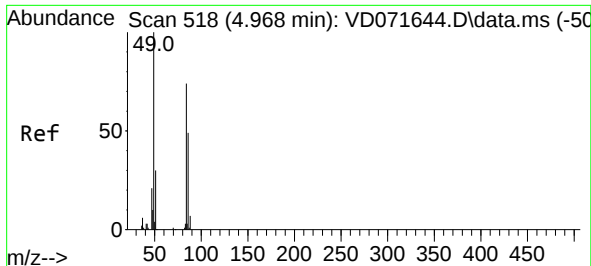
Tgt Ion:168 Resp: 263424
Ion Ratio Lower Upper
168 100
99 61.4 51.8 77.6



#16
Acetone
Concen: 8.006 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 43 Resp: 6265
Ion Ratio Lower Upper
43 100
58 19.1 21.0 31.6#

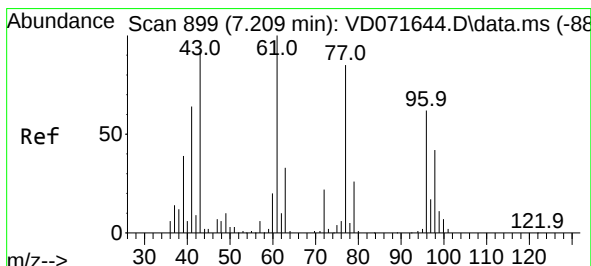
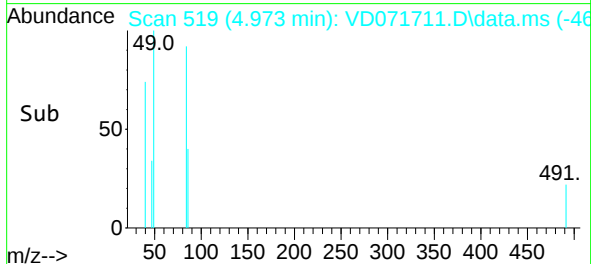
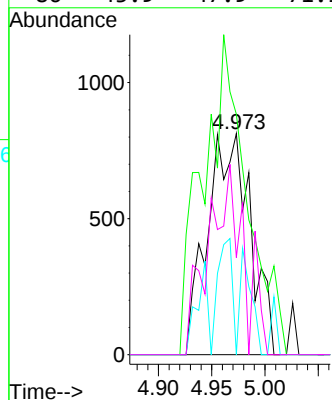
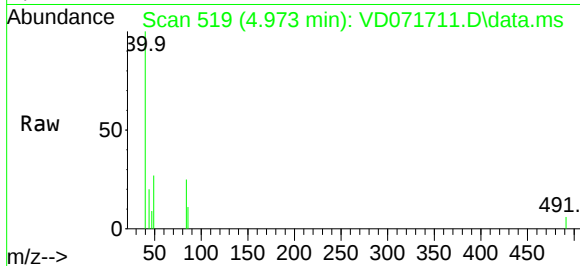




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

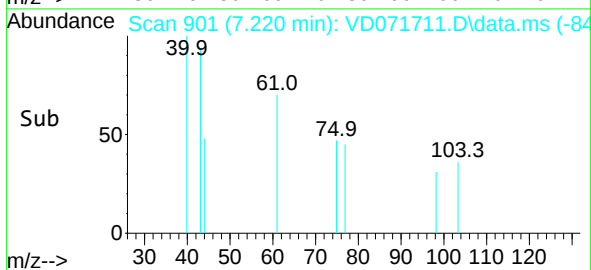
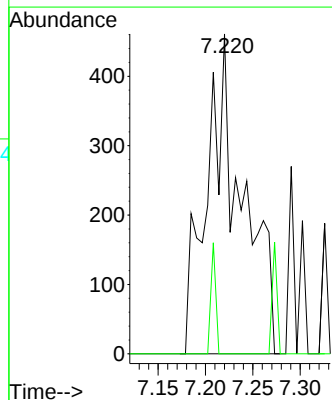
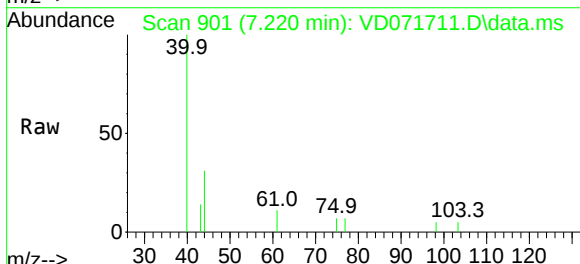
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

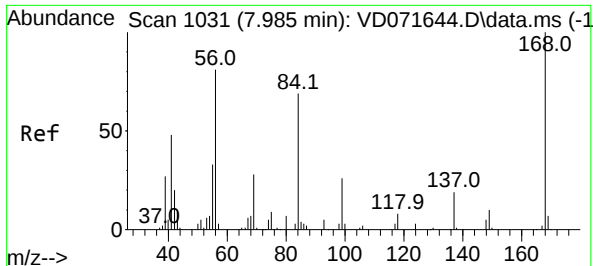
Tgt Ion: 84 Resp: 2286
Ion Ratio Lower Upper
84 100
49 108.7 118.6 178.0#
51 0.0 37.8 56.6#
86 43.9 47.9 71.9#



#25
2-Butanone
Concen: 1.305 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

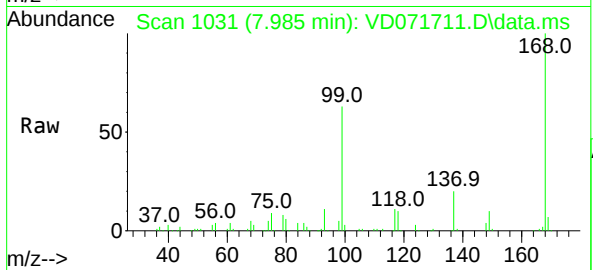
Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 0.0 16.4 24.6#



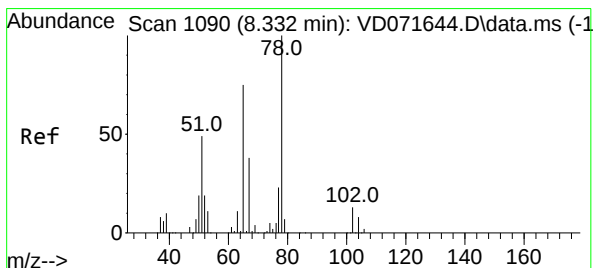
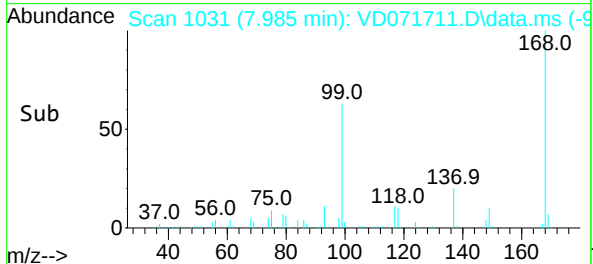
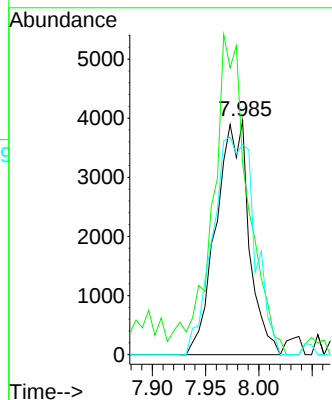


#31
Cyclohexane
Concen: 2.120 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :
TP-2D

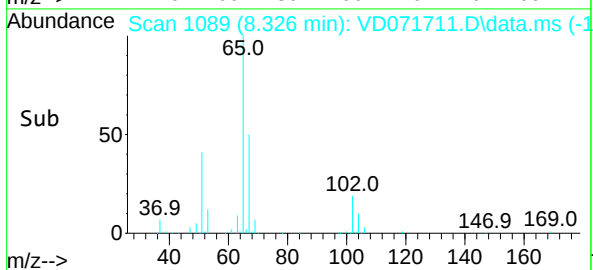
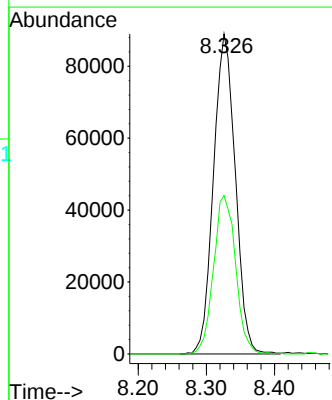
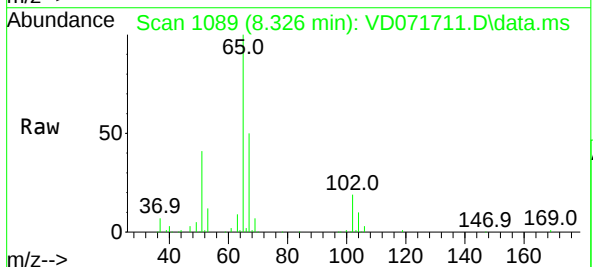


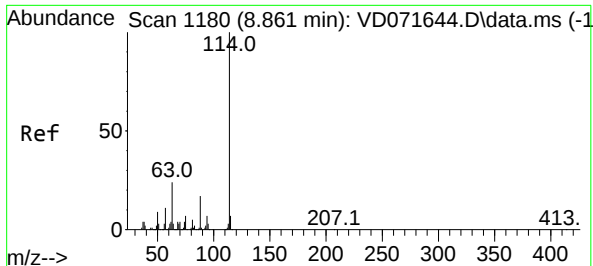
Tgt Ion: 56 Resp: 8496
Ion Ratio Lower Upper
56 100
69 75.5 21.7 32.5#
84 89.8 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 58.518 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 65 Resp: 198348
Ion Ratio Lower Upper
65 100
67 50.1 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: VD071711.D

Acq: 13 Jan 2022 15:48

Instrument :

MSVOA_D

ClientSampleId :

TP-2D

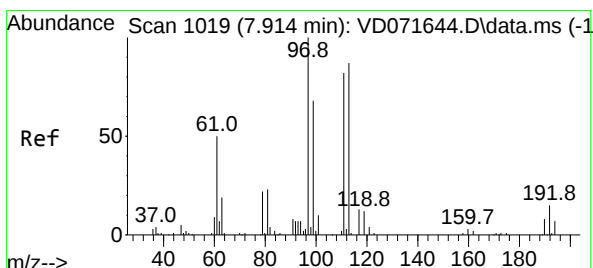
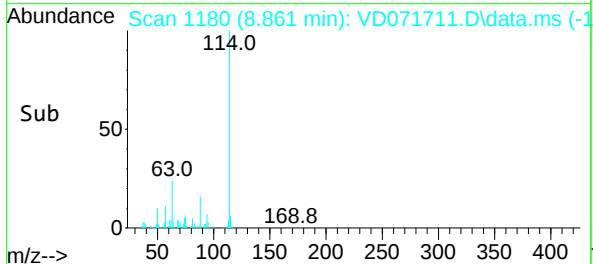
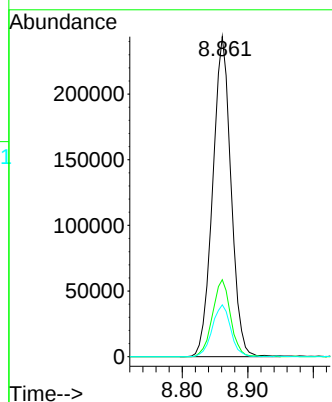
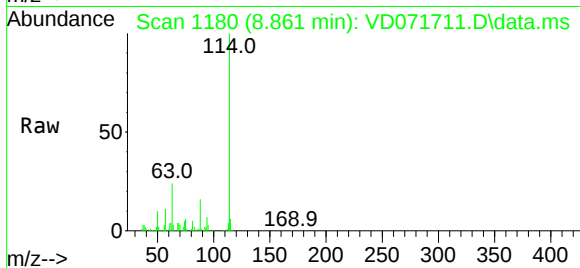
Tgt Ion:114 Resp: 471810

Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.2

88 16.2 0.0 32.0



#35

Dibromofluoromethane

Concen: 53.629 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071711.D

Acq: 13 Jan 2022 15:48

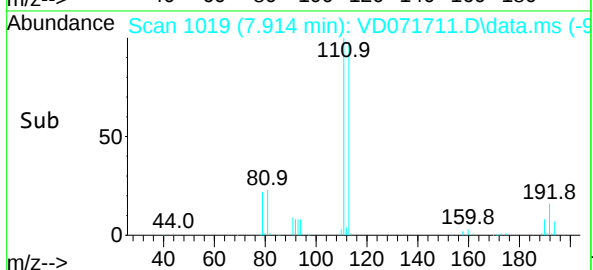
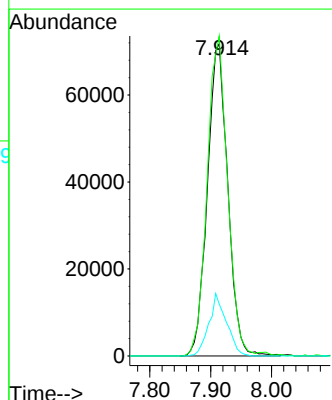
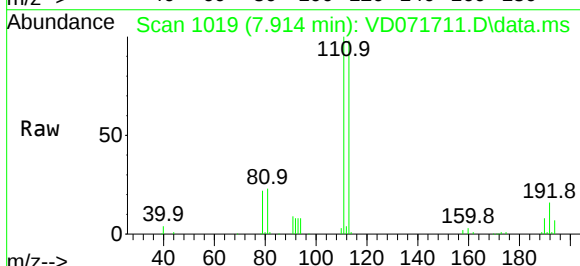
Tgt Ion:113 Resp: 167220

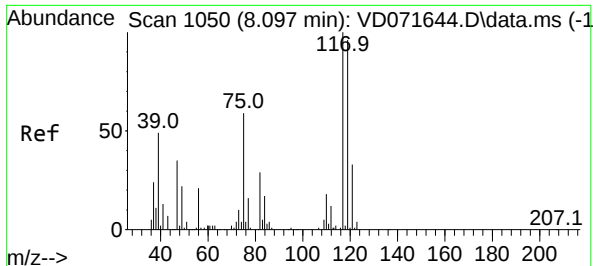
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 17.3 14.2 21.2

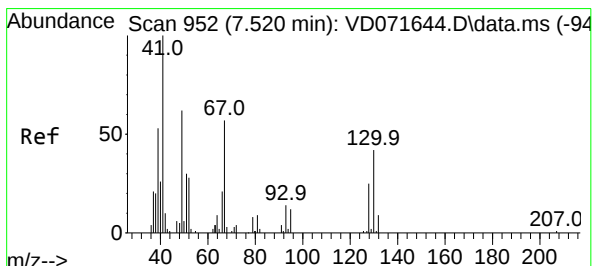
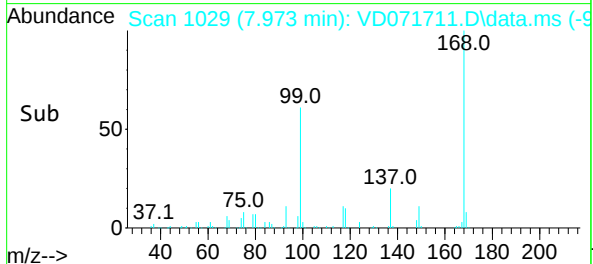
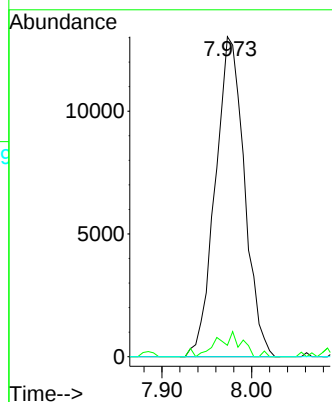
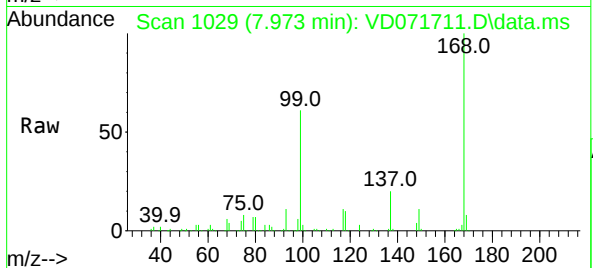




#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.123 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

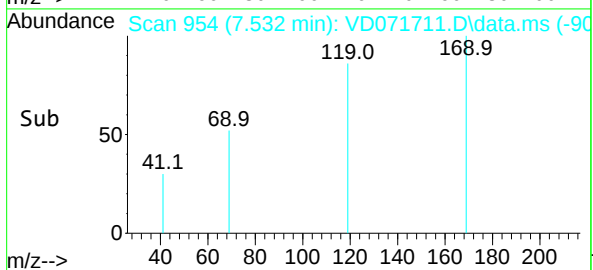
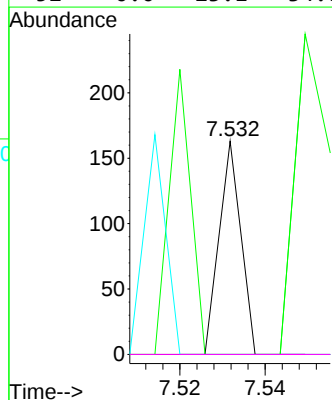
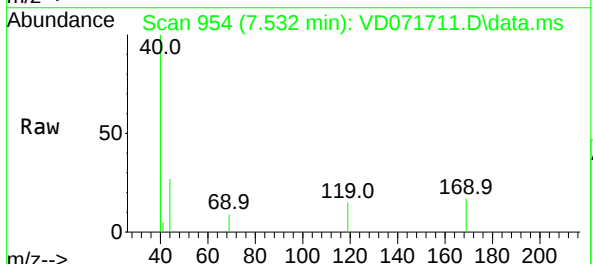
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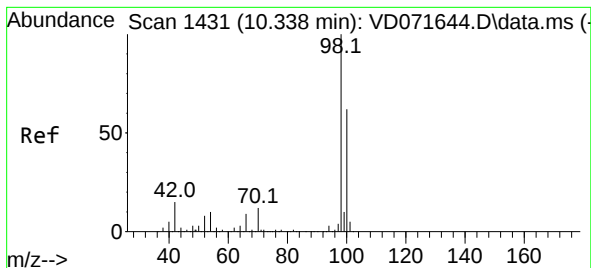
Tgt Ion:117 Resp: 29317
Ion Ratio Lower Upper
117 100
119 3.6 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.174 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.012 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 41 Resp: 57
Ion Ratio Lower Upper
41 100
39 135.1 46.9 70.3#
67 103.5 49.3 73.9#
52 0.0 23.1 34.7#

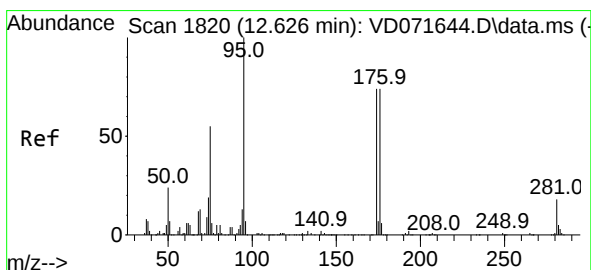
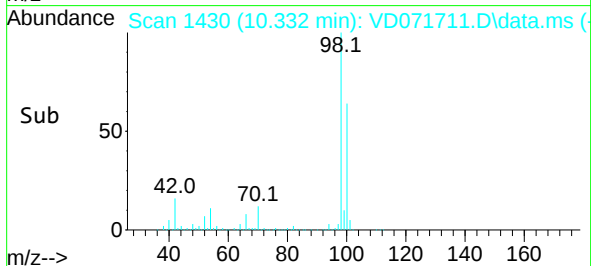
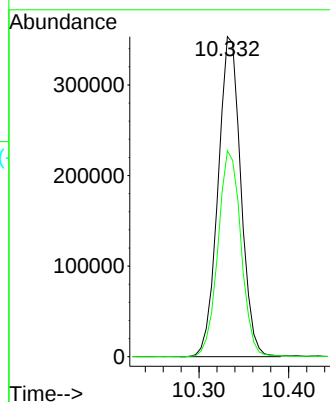
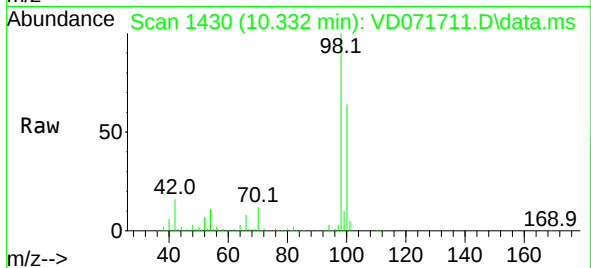




#50
Toluene-d8
Concen: 53.382 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

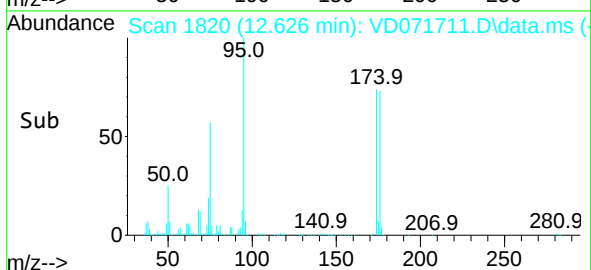
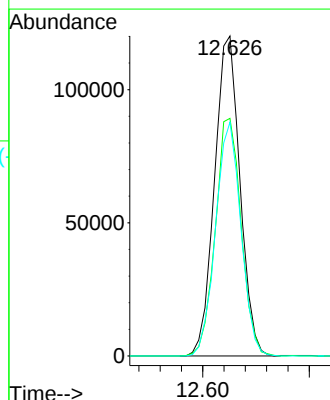
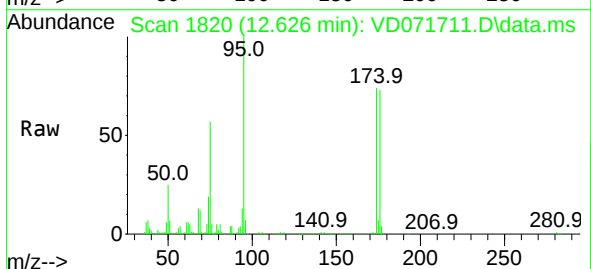
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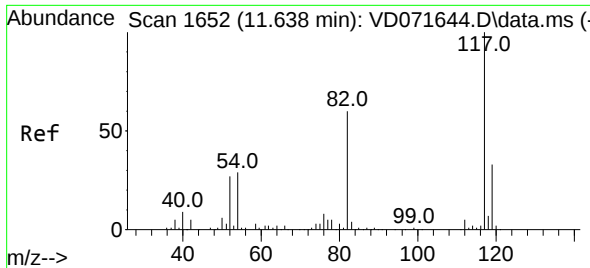
Tgt Ion: 98 Resp: 623080
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.427 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 95 Resp: 199174
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.0
176 72.4 0.0 146.4

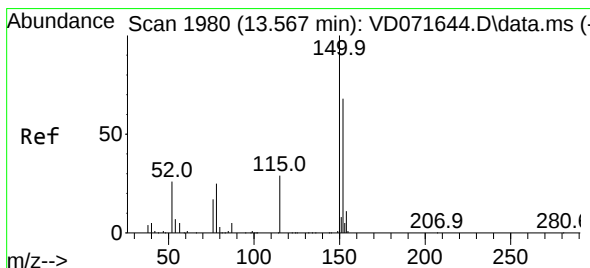
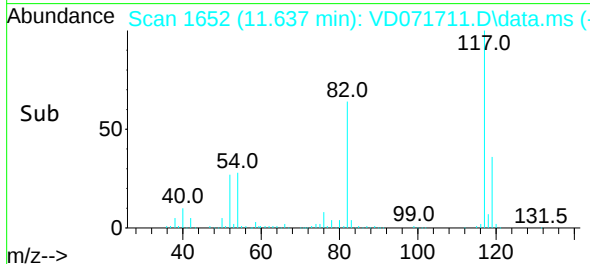
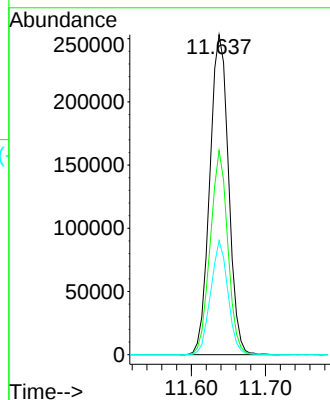
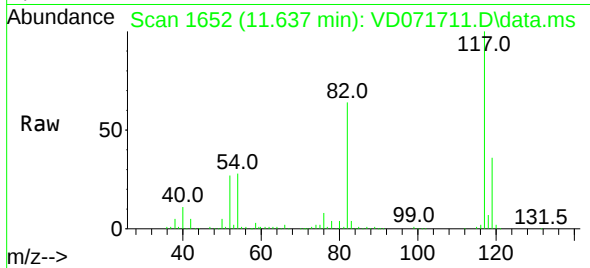




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

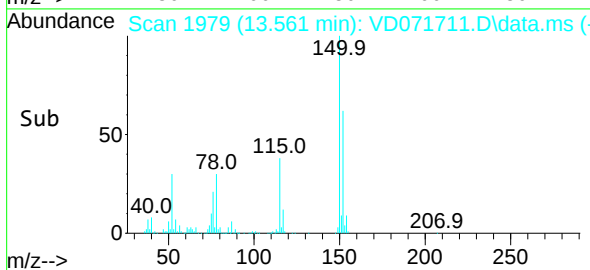
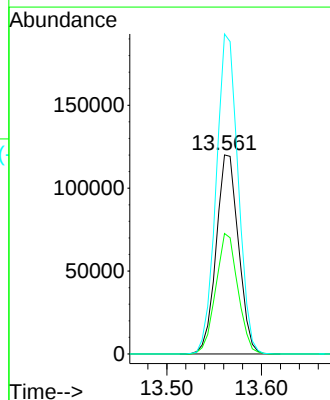
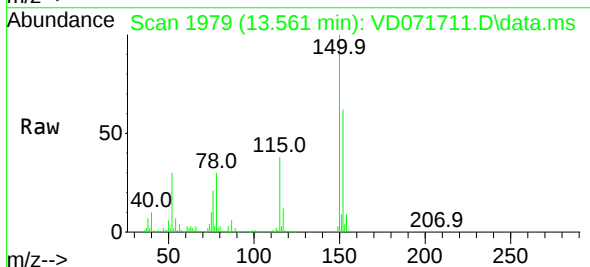
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

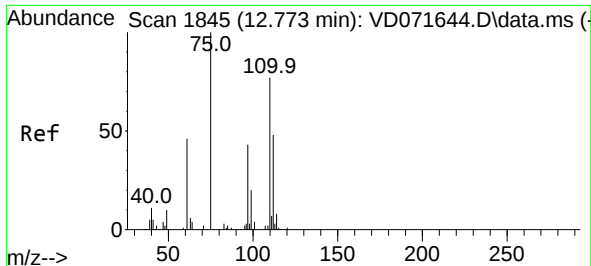
Tgt Ion:117 Resp: 445258
Ion Ratio Lower Upper
117 100
82 63.8 46.9 70.3
119 35.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion:152 Resp: 196660
Ion Ratio Lower Upper
152 100
115 60.1 31.5 94.5
150 157.8 0.0 348.0

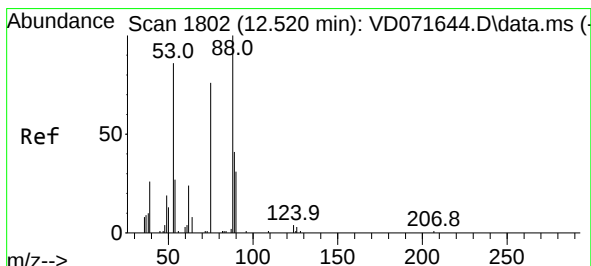
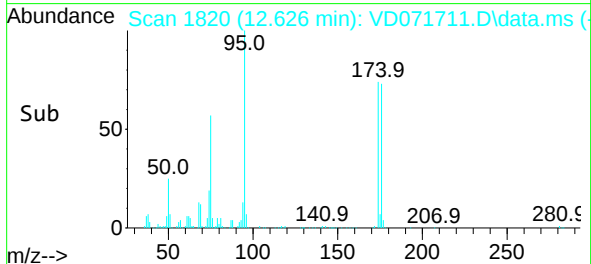
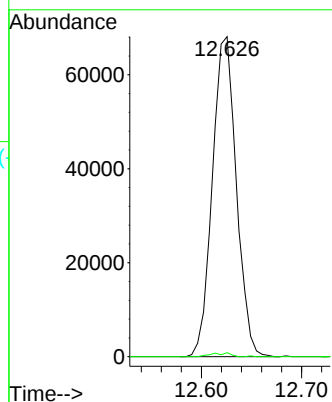
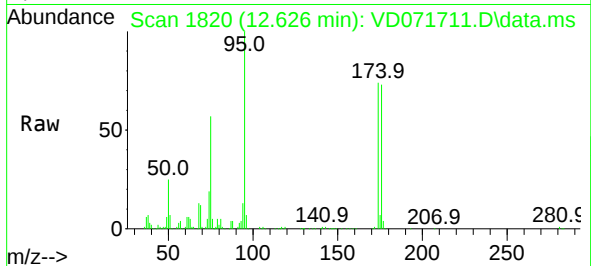




#76
1,2,3-Trichloropropane
Concen: 59.583 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :
TP-2D

Tgt Ion: 75 Resp: 113224
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 166.110 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071711.D
Acq: 13 Jan 2022 15:48

Tgt Ion: 75 Resp: 113224
Ion Ratio Lower Upper
75 100
53 0.0 95.4 143.0#
89 0.1 37.2 55.8#

