

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072655.D
 Acq On : 20 Apr 2022 18:58
 Operator : VA/SY
 Sample : N2479-07
 Misc : 1.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB4-041922-8-10

Quant Time: Apr 21 01:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

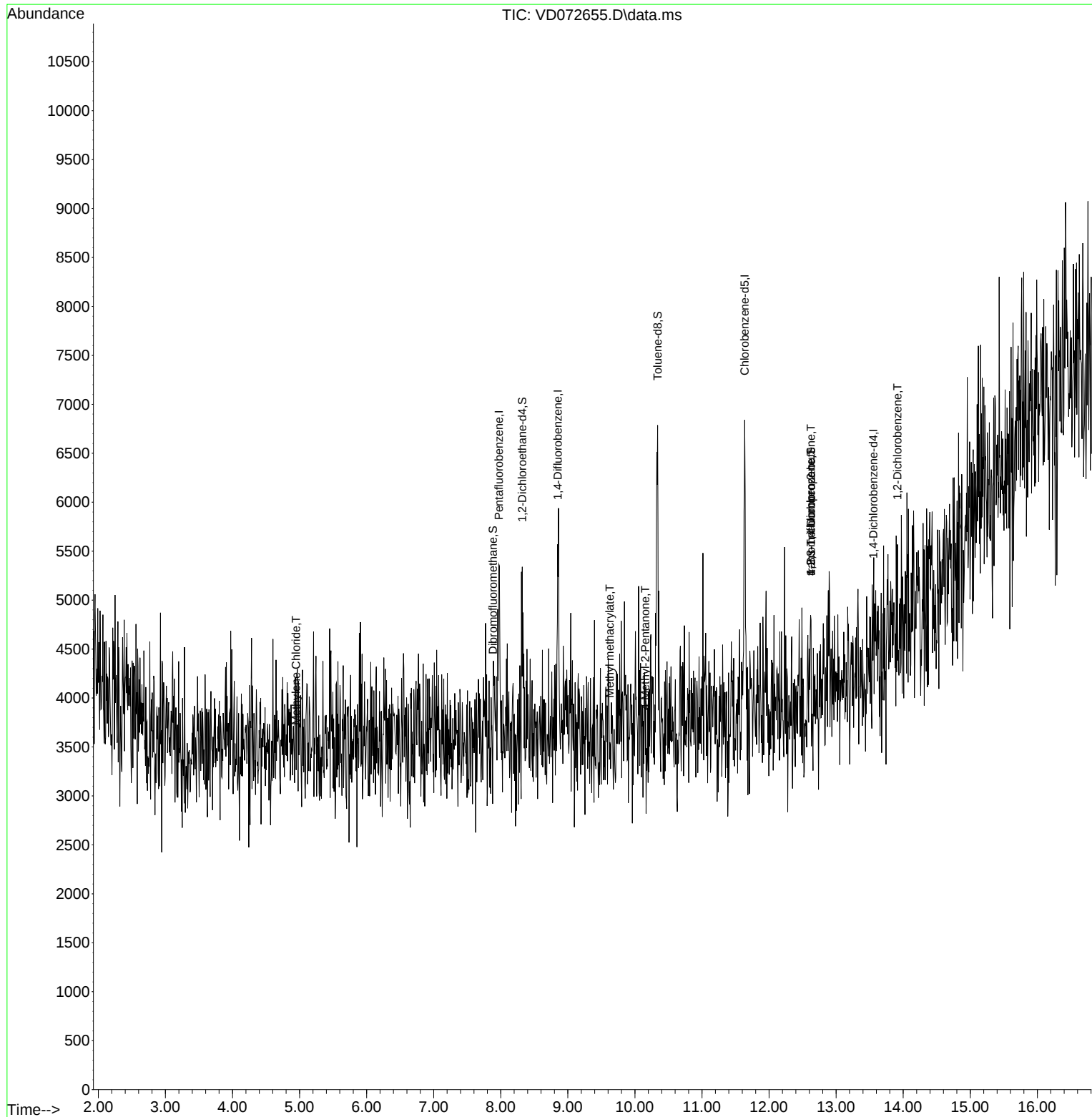
Internal Standards						
1) Pentafluorobenzene	7.973	168	1622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.850	114	2521	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	2057	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	116	50.000	ug/l	#-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1039	52.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.885	113	671	34.249	ug/l	-0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.500%	
50) Toluene-d8	10.338	98	2797	41.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.140%	
62) 4-Bromofluorobenzene	12.626	95	219	8.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 16.460%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.950	84	55	2.525	ug/l	# 2
48) Methyl methacrylate	9.626	41	55	5.689	ug/l	# 19
51) 4-Methyl-2-Pentanone	10.155	43	56	5.241	ug/l	# 39
76) 1,2,3-Trichloropropane	12.626	75	56	44.263	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	56	108.613	ug/l	# 7
91) 1,2-Dichlorobenzene	13.914	146	73	19.022	ug/l	# 24

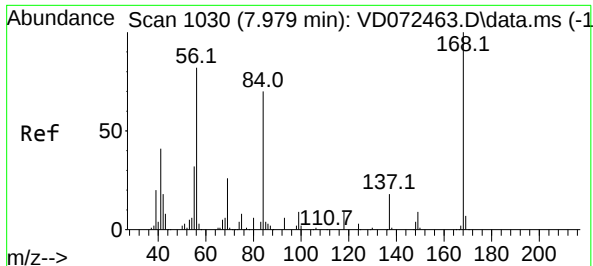
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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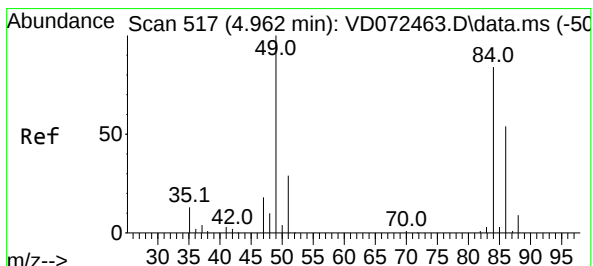
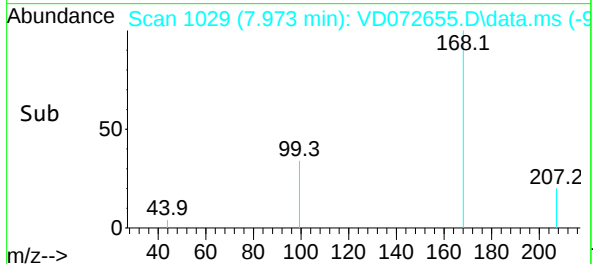
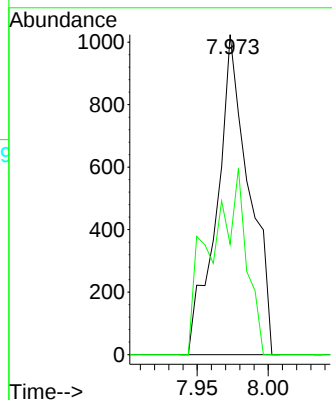
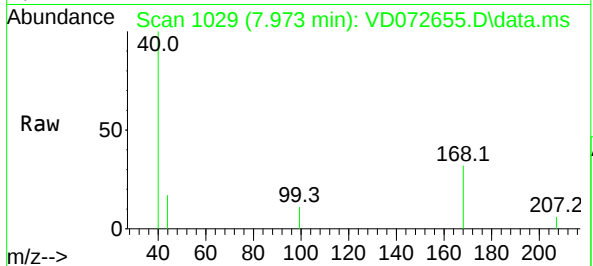




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

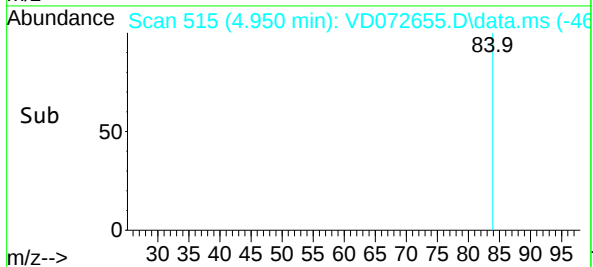
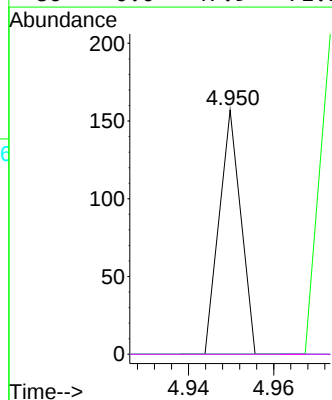
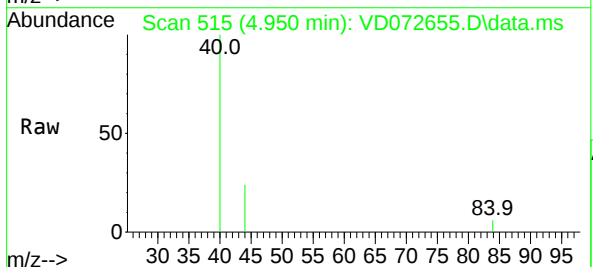
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-8-10

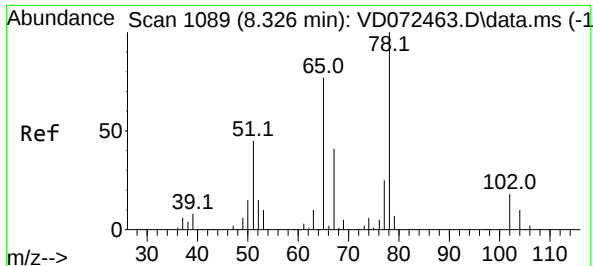
Tgt Ion:168 Resp: 1622
Ion Ratio Lower Upper
168 100
99 34.5 49.8 74.6#



#20
Methylene Chloride
Concen: 2.525 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

Tgt Ion: 84 Resp: 55
Ion Ratio Lower Upper
84 100
49 0.0 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#





#33

1,2-Dichloroethane-d4

Concen: 52.953 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD072655.D

Acq: 20 Apr 2022 18:58

Instrument :

MSVOA_D

ClientSampleId :

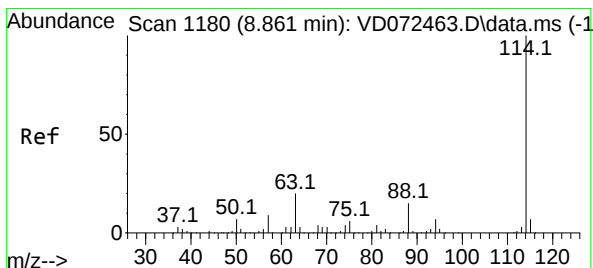
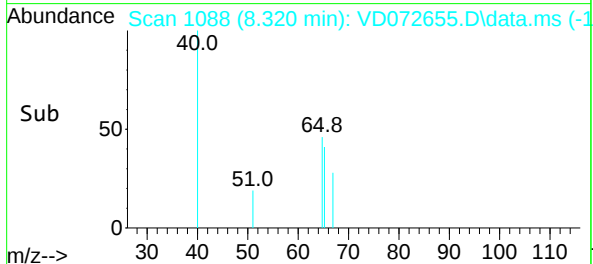
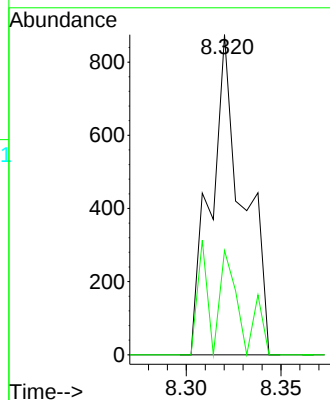
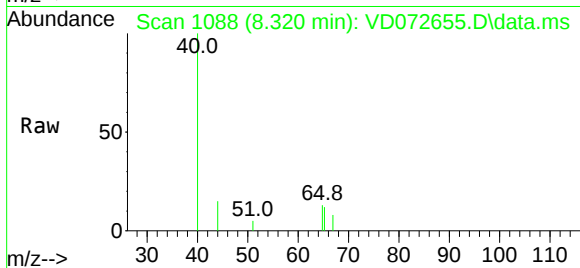
E14ST-EB4-041922-8-10

Tgt Ion: 65 Resp: 1039

Ion Ratio Lower Upper

65 100

67 10.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1178

Delta R.T. -0.012 min

Lab File: VD072655.D

Acq: 20 Apr 2022 18:58

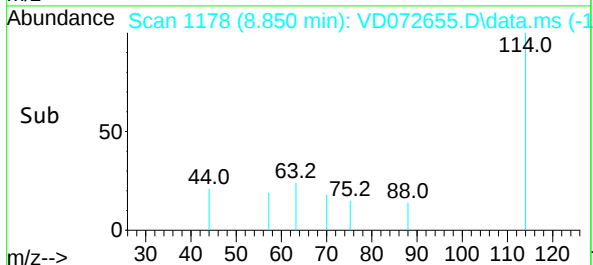
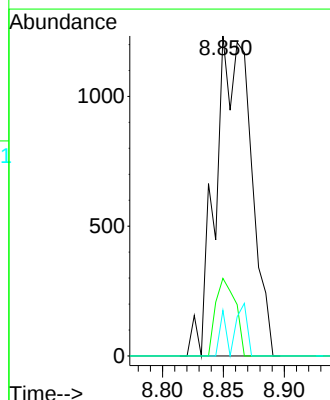
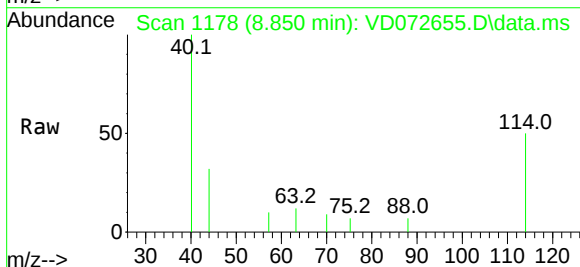
Tgt Ion: 114 Resp: 2521

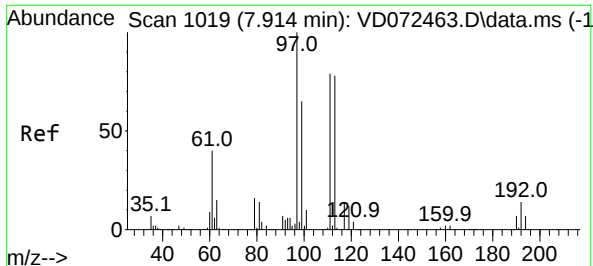
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.6

88 14.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 34.249 ug/l

RT: 7.885 min Scan# 1113

Delta R.T. -0.029 min

Lab File: VD072655.D

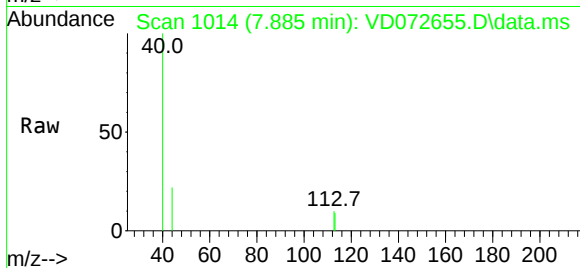
Acq: 20 Apr 2022 18:58

Instrument :

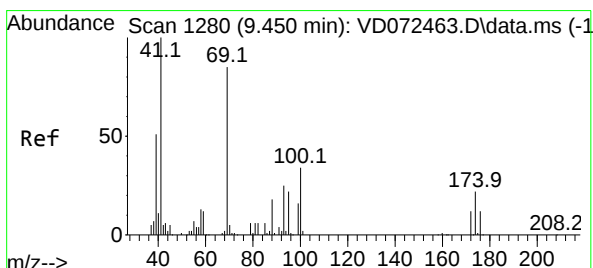
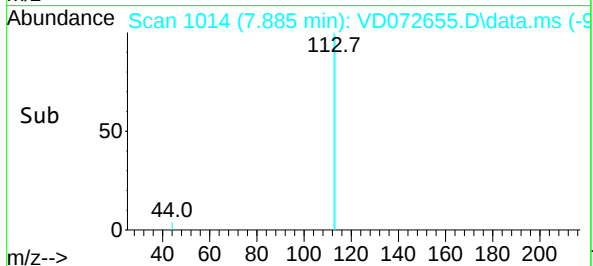
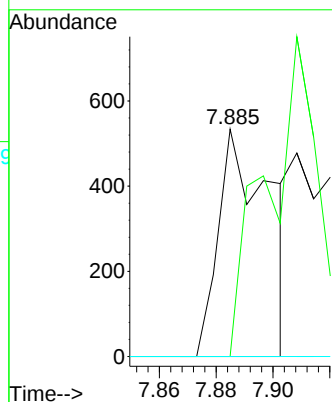
MSVOA_D

ClientSampleId :

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Tgt Ion:	113	Resp:	671
Ion	Ratio	Lower	Upper
113	100		
111	0.0	83.8	125.6#
192	0.0	14.6	21.8#



#48

Methyl methacrylate

Concen: 5.689 ug/l

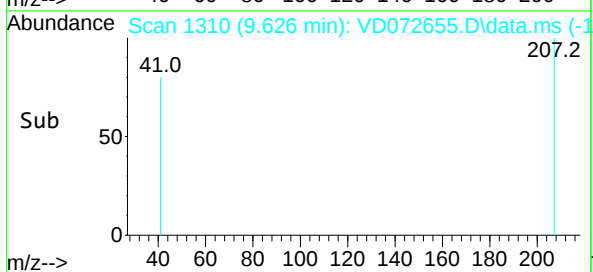
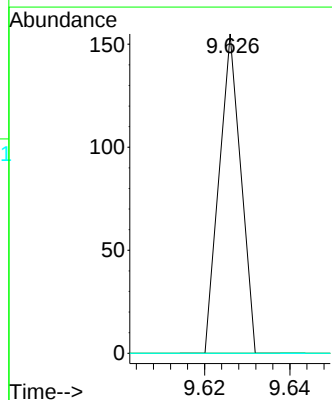
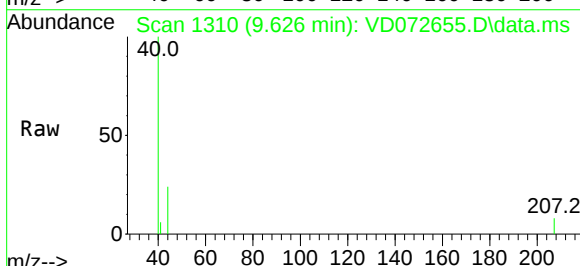
RT: 9.626 min Scan# 1310

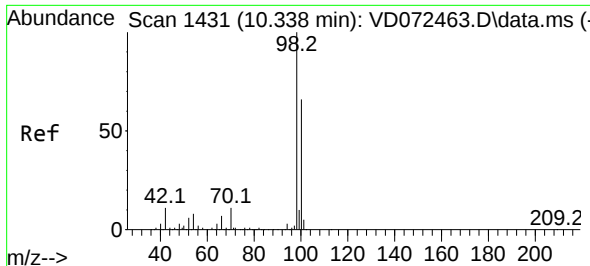
Delta R.T. 0.176 min

Lab File: VD072655.D

Acq: 20 Apr 2022 18:58

Tgt Ion:	41	Resp:	55
Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.7	85.1#
39	0.0	42.7	64.1#

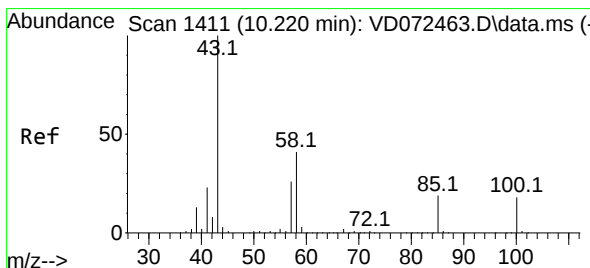
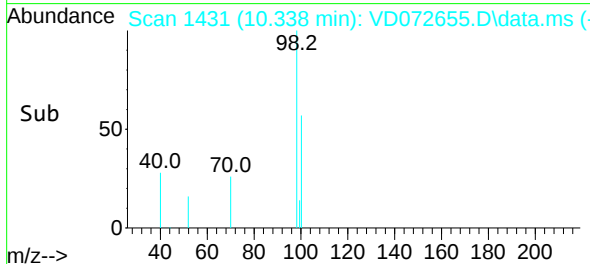
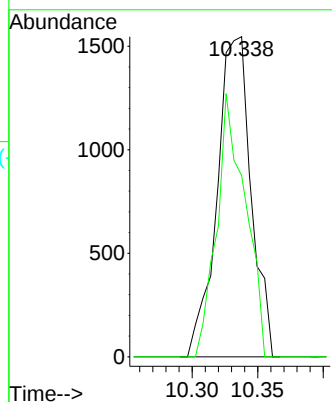
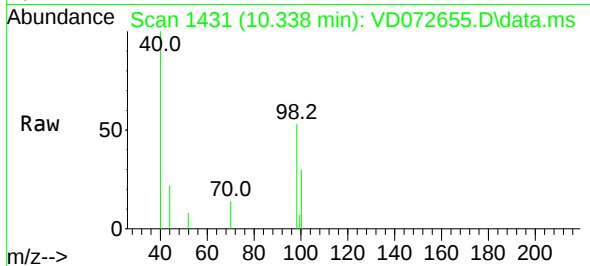




#50
Toluene-d8
Concen: 41.071 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

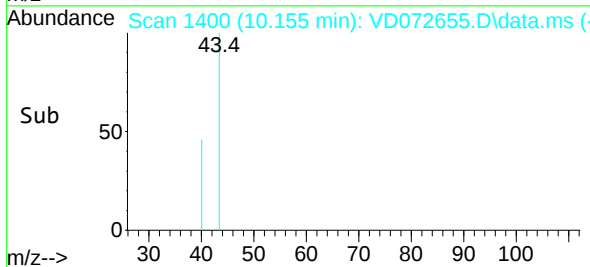
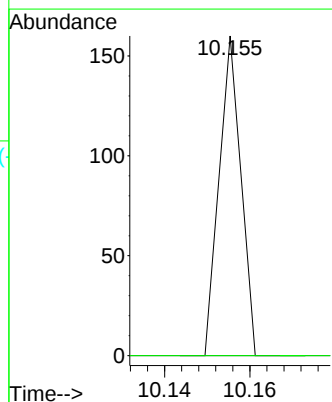
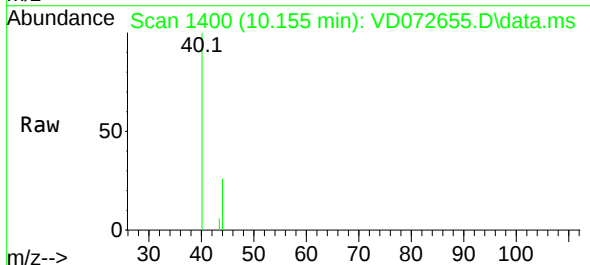
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-8-10

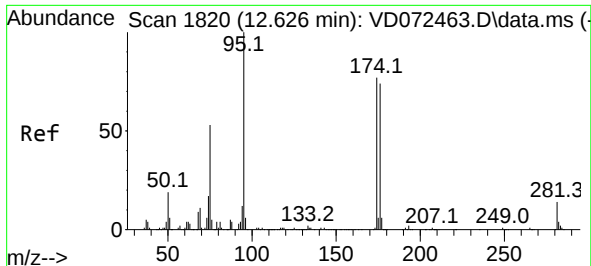
Tgt Ion: 98 Resp: 2797
Ion Ratio Lower Upper
98 100
100 68.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 5.241 ug/l
RT: 10.155 min Scan# 1400
Delta R.T. -0.065 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

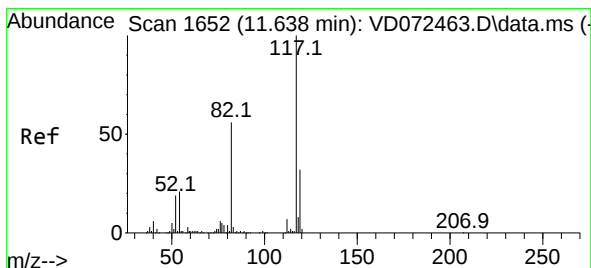
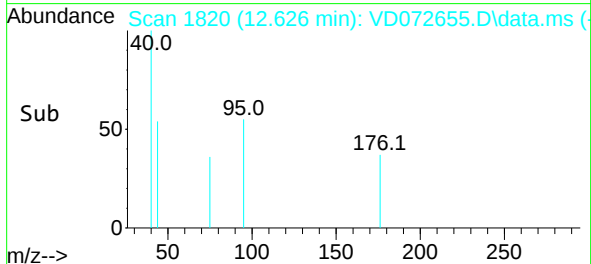
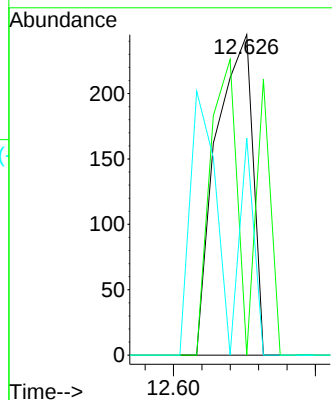
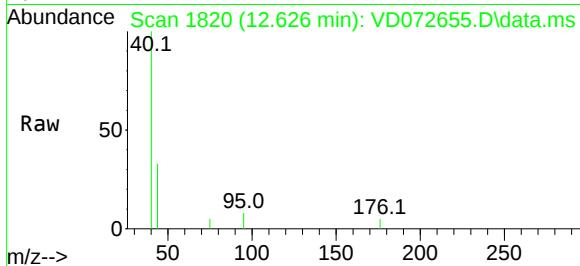




#62
4-Bromofluorobenzene
Concen: 8.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

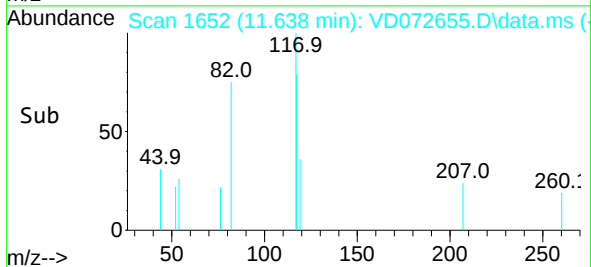
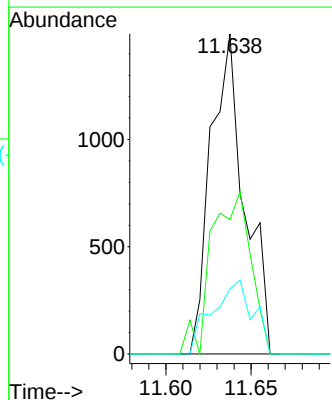
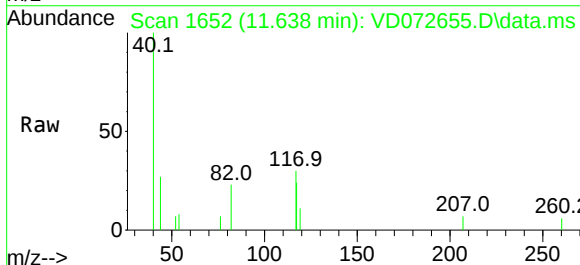
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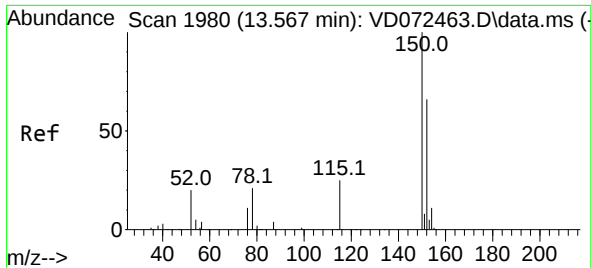
Tgt Ion: 95 Resp: 219
Ion Ratio Lower Upper
95 100
174 100.0 0.0 152.8
176 83.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

Tgt Ion: 117 Resp: 2057
Ion Ratio Lower Upper
117 100
82 42.0 45.3 67.9#
119 20.3 26.6 40.0#

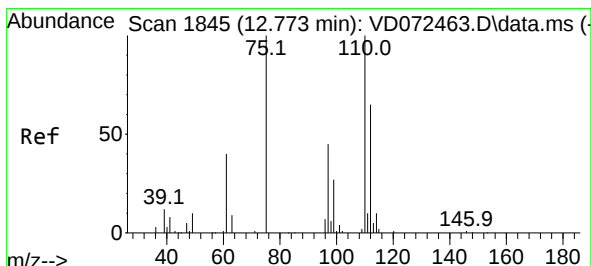
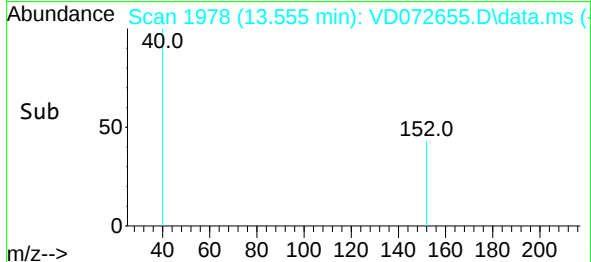
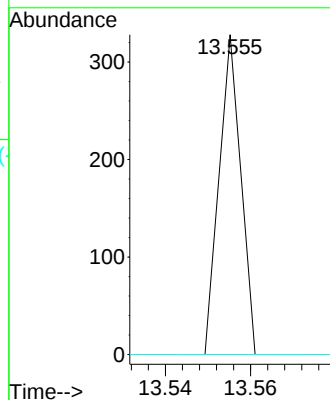
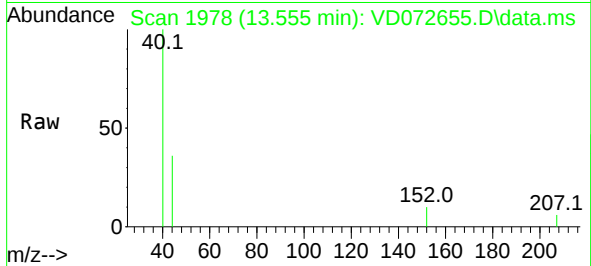




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1980
 Delta R.T. -0.012 min
 Lab File: VD072655.D
 Acq: 20 Apr 2022 18:58

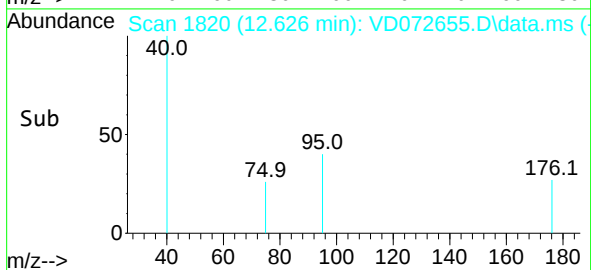
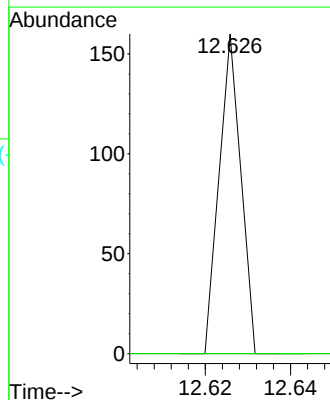
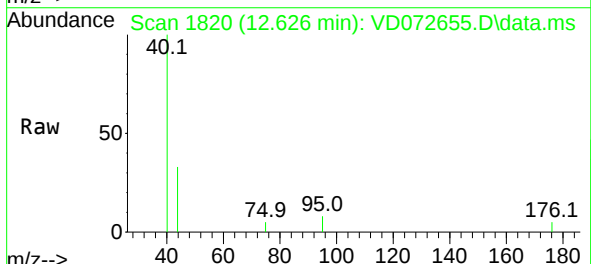
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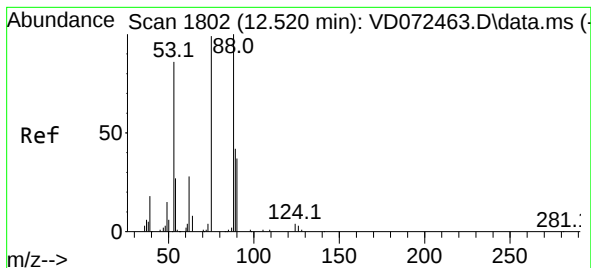
Tgt Ion:152 Resp: 116
 Ion Ratio Lower Upper
 152 100
 115 0.0 31.3 93.8#
 150 0.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.263 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072655.D
 Acq: 20 Apr 2022 18:58

Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

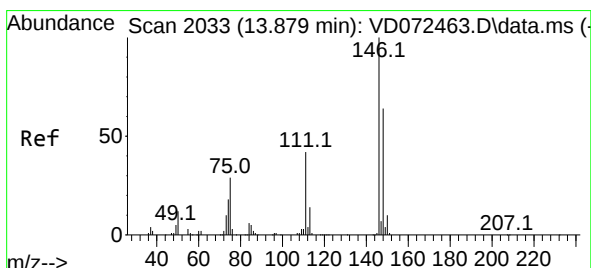
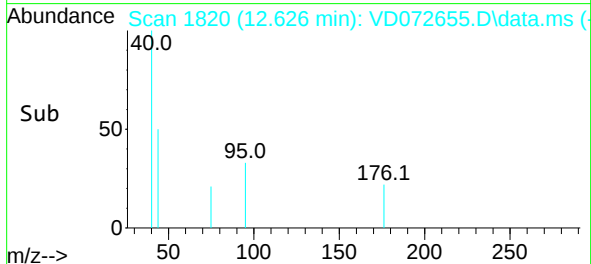
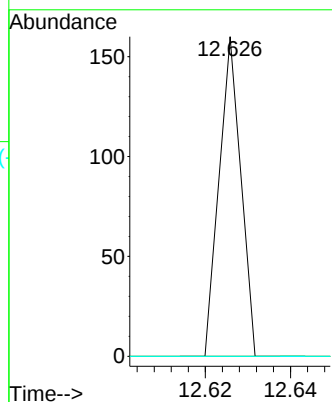
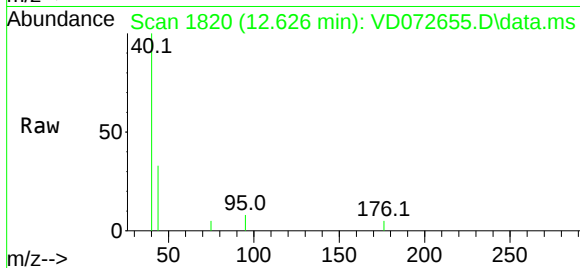




#81
trans-1,4-Dichloro-2-butene
Concen: 108.613 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB4-041922-8-10

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#91
1,2-Dichlorobenzene
Concen: 19.022 ug/l
RT: 13.914 min Scan# 2039
Delta R.T. 0.035 min
Lab File: VD072655.D
Acq: 20 Apr 2022 18:58

Tgt Ion:146 Resp: 73
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.3#
148 0.0 31.7 95.1#

