

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071690.D
 Acq On : 12 Jan 2022 17:01
 Operator : VA/SY
 Sample : N1106-07
 Misc : 6.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-02-011122

Quant Time: Jan 13 05:29:44 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)

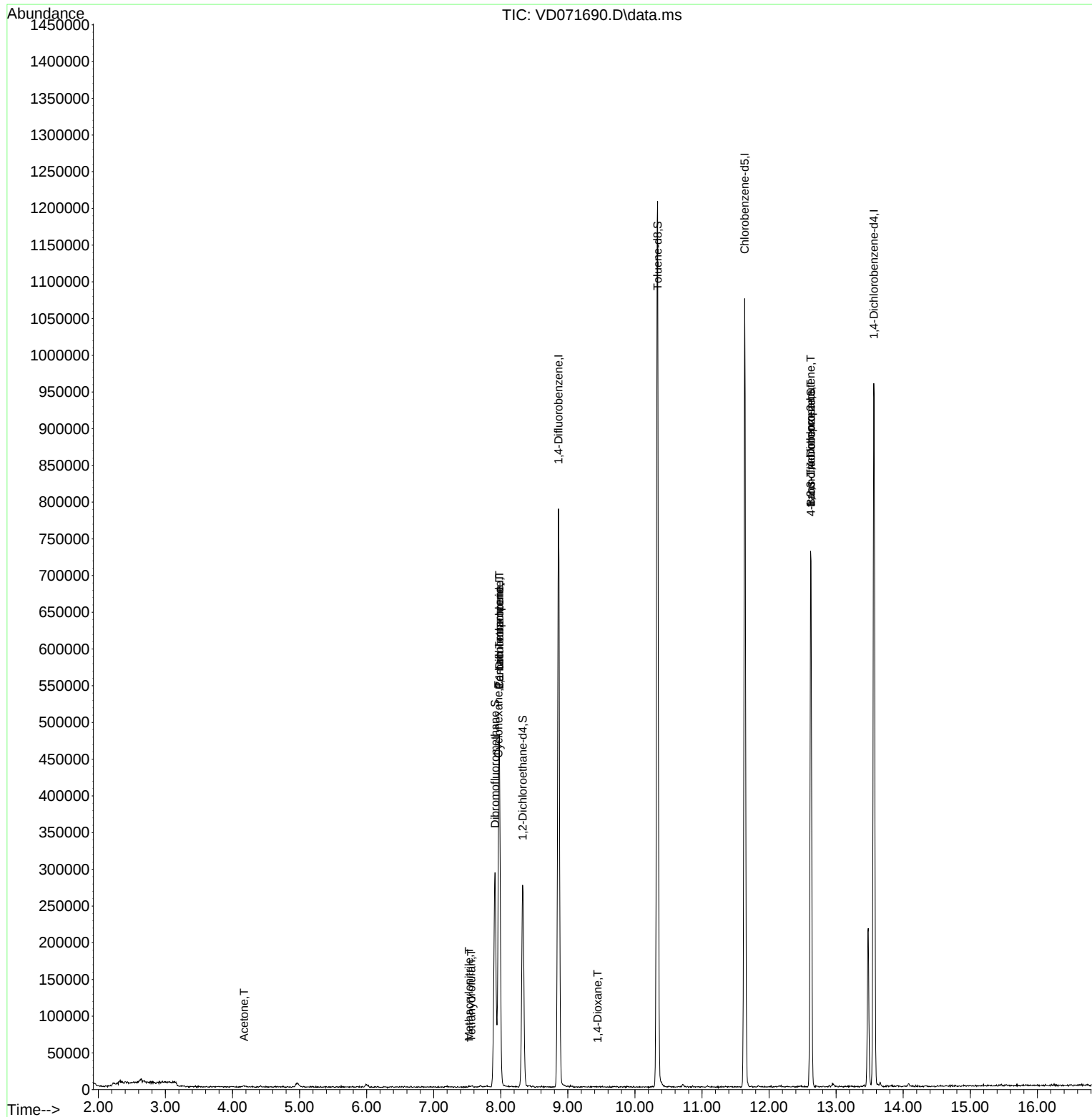
Internal Standards						
1) Pentafluorobenzene	7.979	168	326922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	607807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	221062	52.552	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.100%			
35) Dibromofluoromethane	7.914	113	197296	49.117	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.338	98	779062	51.812	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.626	95	225549	42.569	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	58	Below Cal	#	43
3) Chloromethane	2.203	50	426	Below Cal	#	43
5) Bromomethane	2.762	94	74	Below Cal	#	4
11) Tert butyl alcohol	5.020	59	57	Below Cal	#	75
16) Acetone	4.173	43	2193	2.258	ug/l #	49
18) Methyl Acetate	4.950	43	133	Below Cal	#	56
20) Methylene Chloride	4.967	84	4154	Below Cal	#	82
29) Tetrahydrofuran	7.561	42	963	1.459	ug/l #	73
31) Cyclohexane	7.967	56	10474	2.108	ug/l #	51
36) 1,1-Dichloropropene	7.979	75	31882	5.564	ug/l #	50
38) Carbon Tetrachloride	7.979	117	35016	6.034	ug/l #	18
41) Methacrylonitrile	7.526	41	58	1.165	ug/l #	33
49) 1,4-Dioxane	9.444	88	54	2.466	ug/l #	10
76) 1,2,3-Trichloropropane	12.620	75	130136	58.581	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130136	163.317	ug/l #	3

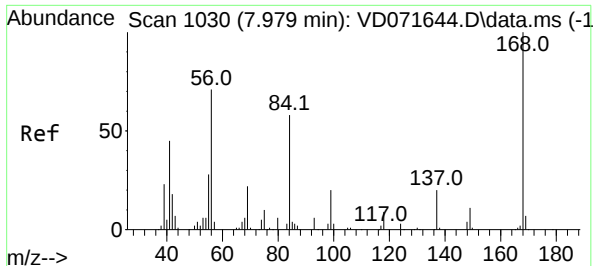
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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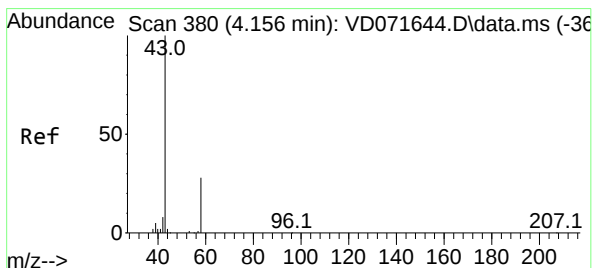
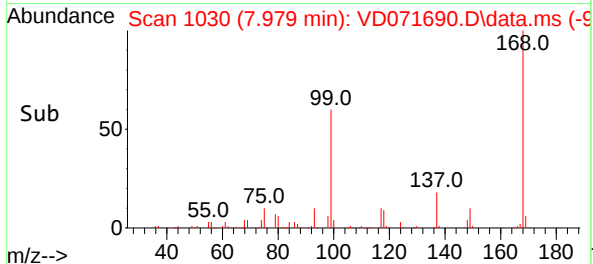
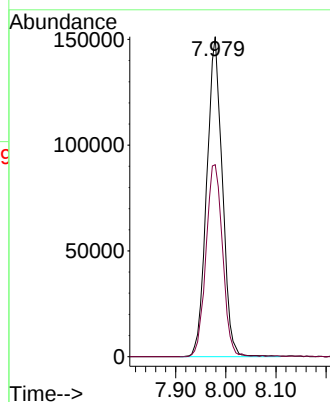
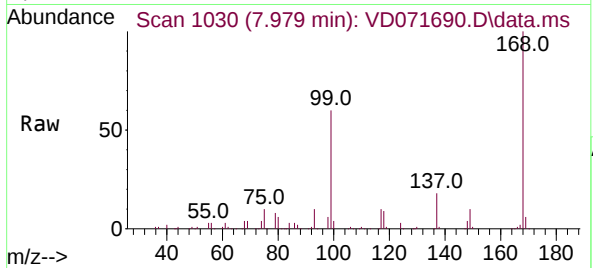




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

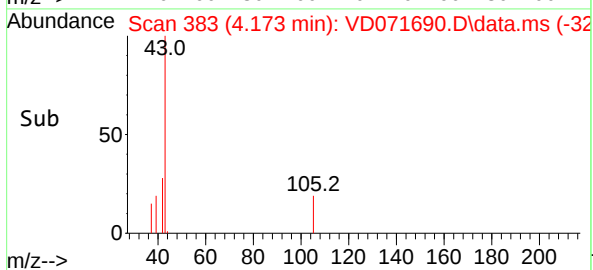
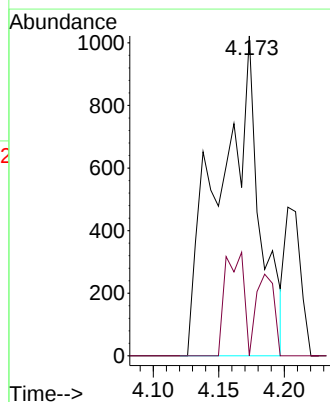
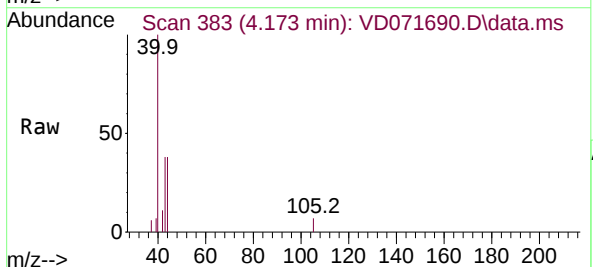
Instrument :
MSVOA_D
ClientSampleId :
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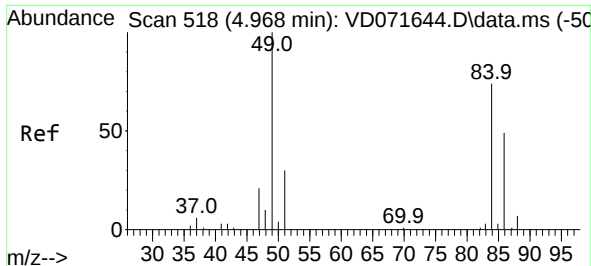
Tgt Ion:168 Resp: 326922
Ion Ratio Lower Upper
168 100
99 60.0 51.8 77.6



#16
Acetone
Concen: 2.258 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion: 43 Resp: 2193
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#

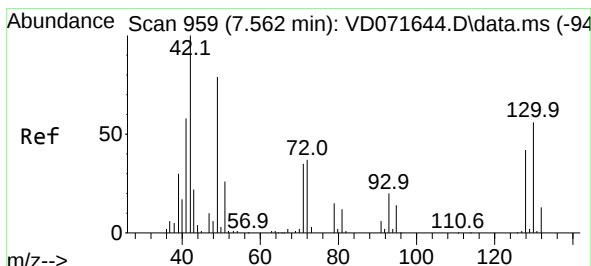
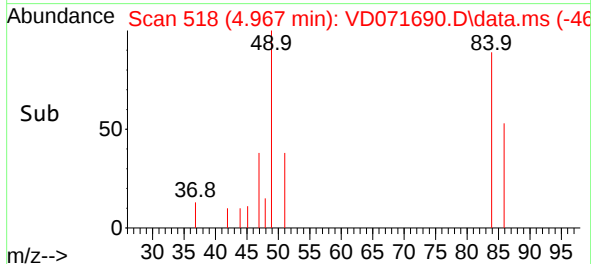
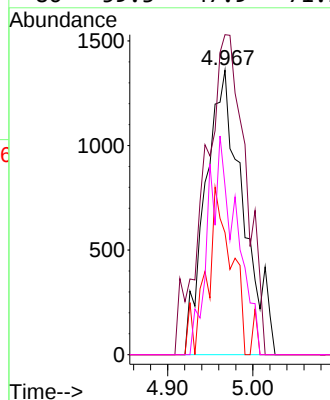
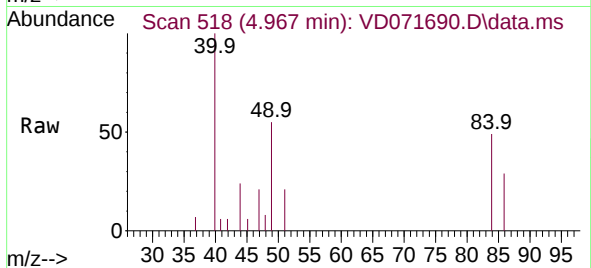




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

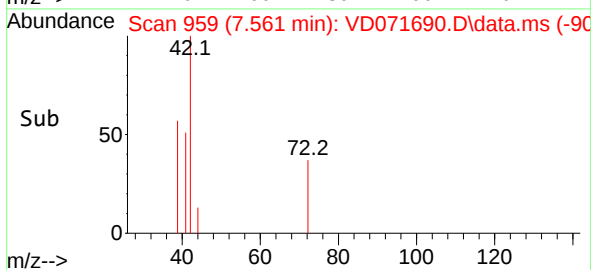
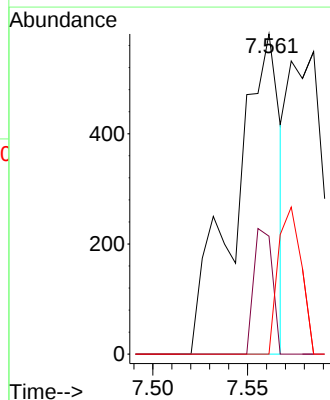
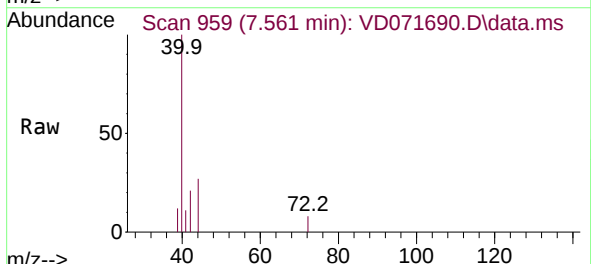
Instrument :
MSVOA_D
ClientSampleId :
DUP-02-011122

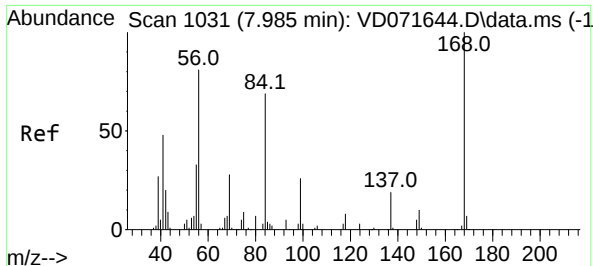
Tgt Ion:	84	Resp:	4154
Ion	Ratio	Lower	Upper
84	100		
49	112.5	118.6	178.0#
51	42.9	37.8	56.6
86	59.3	47.9	71.9



#29
Tetrahydrofuran
Concen: 1.459 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion:	42	Resp:	963
Ion	Ratio	Lower	Upper
42	100		
72	16.2	29.6	44.4#
71	23.5	27.3	40.9#





#31

Cyclohexane

Concen: 2.108 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.023 min

Lab File: VD071690.D

Acq: 12 Jan 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

DUP-02-011122

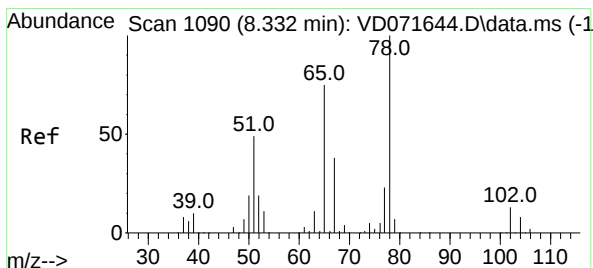
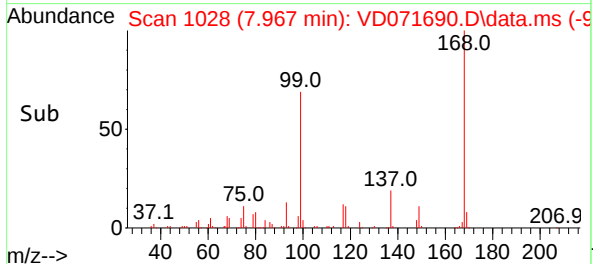
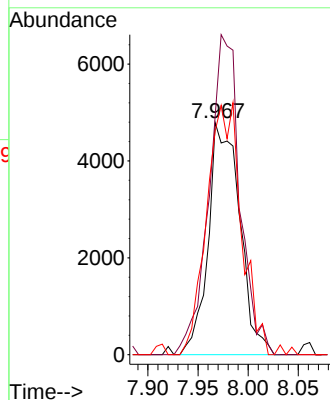
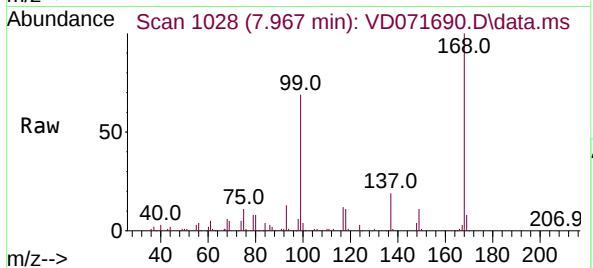
Tgt Ion: 56 Resp: 10474

Ion Ratio Lower Upper

56 100

69 103.4 21.7 32.5#

84 96.7 65.7 98.5



#33

1,2-Dichloroethane-d4

Concen: 52.552 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD071690.D

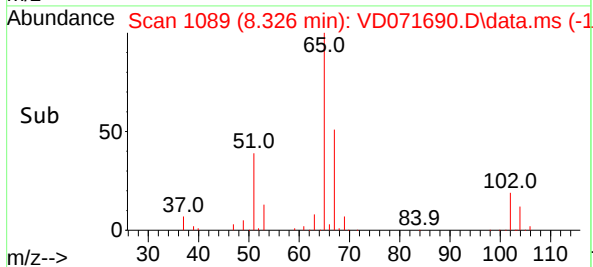
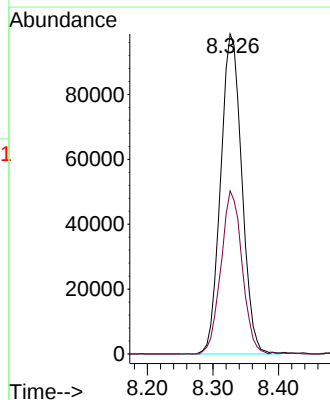
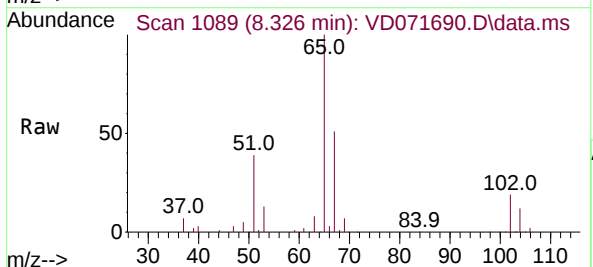
Acq: 12 Jan 2022 17:01

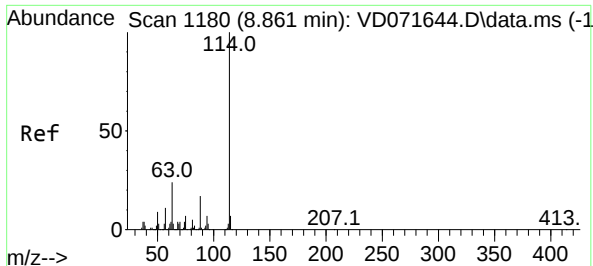
Tgt Ion: 65 Resp: 221062

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071690.D

Acq: 12 Jan 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

DUP-02-011122

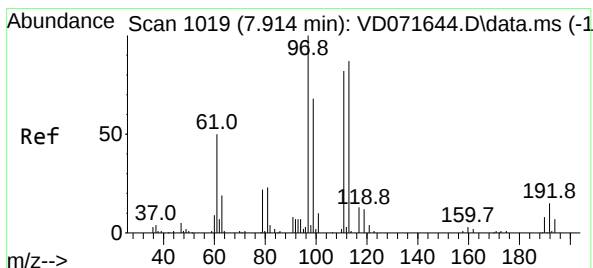
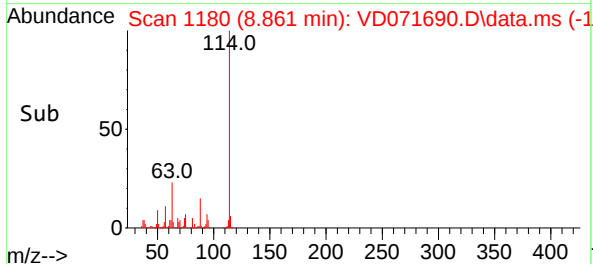
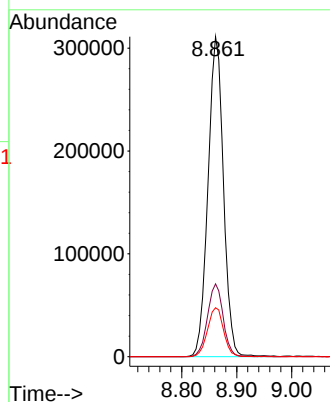
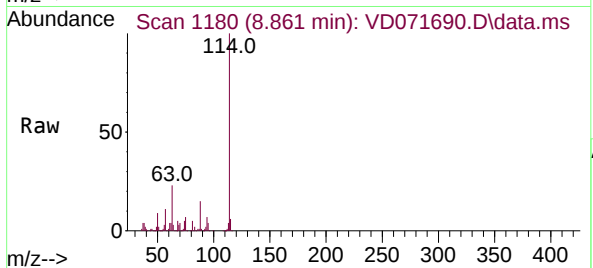
Tgt Ion:114 Resp: 607807

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 15.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.117 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071690.D

Acq: 12 Jan 2022 17:01

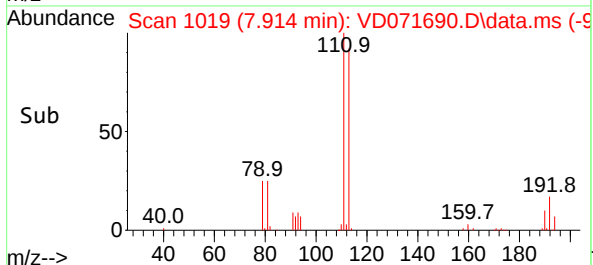
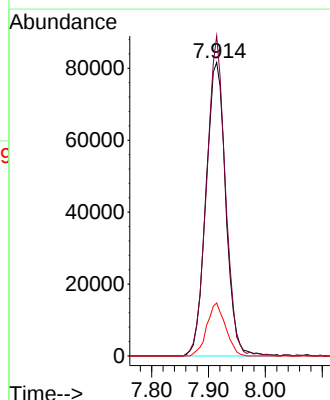
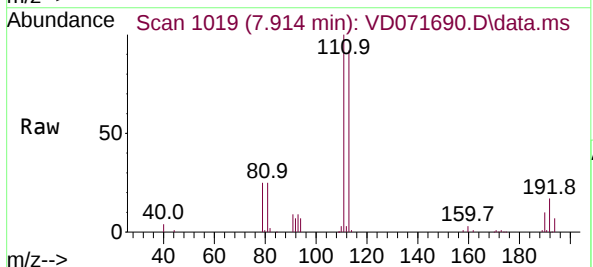
Tgt Ion:113 Resp: 197296

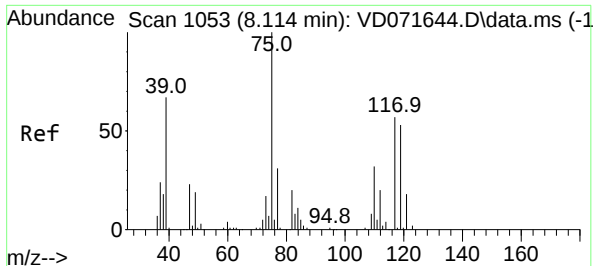
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.1 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.564 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071690.D

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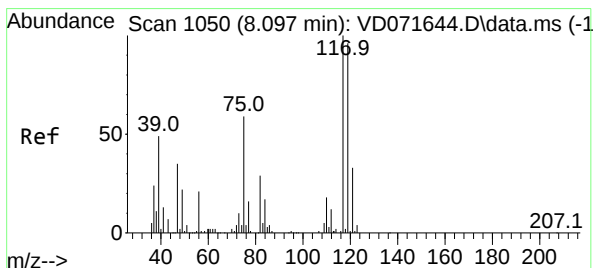
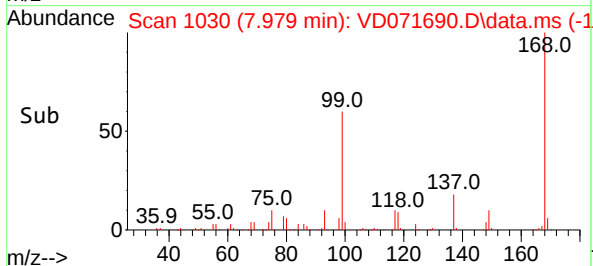
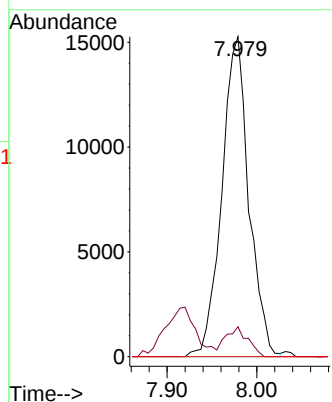
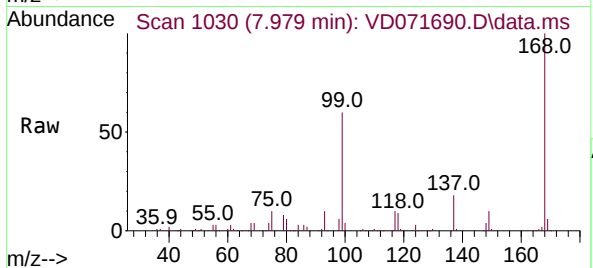
Tgt Ion: 75 Resp: 31882

Ion Ratio Lower Upper

75 100

110 7.6 16.0 48.0#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.034 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD071690.D

Acq: 12 Jan 2022 17:01

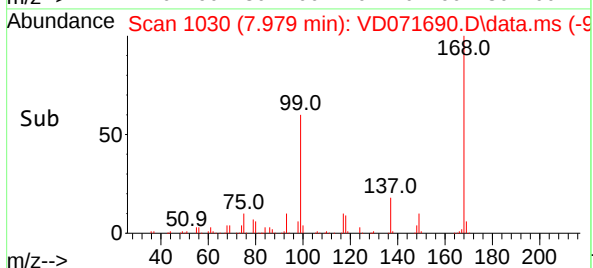
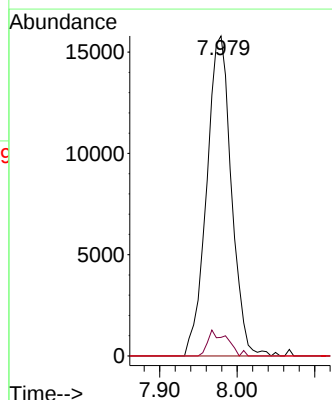
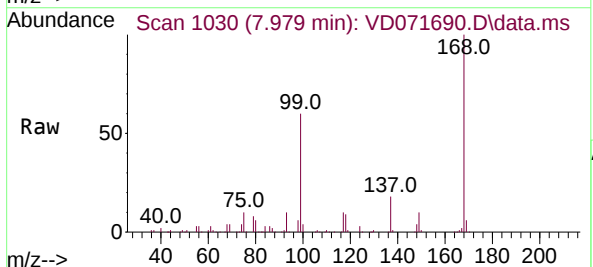
Tgt Ion: 117 Resp: 35016

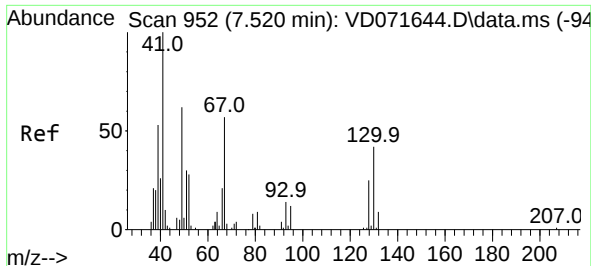
Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 23.9 35.9#

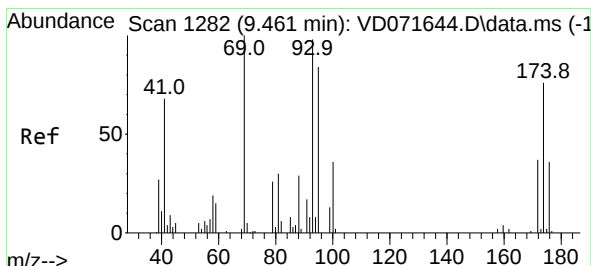
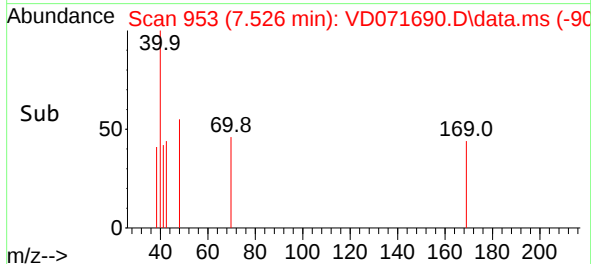
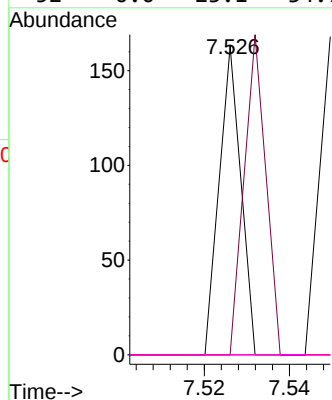
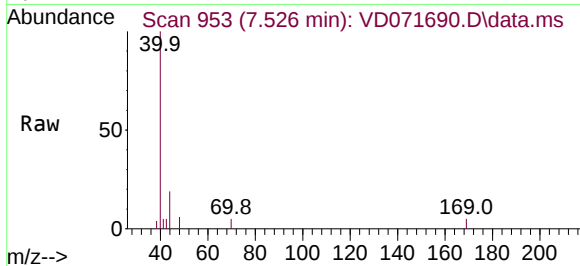




#41
Methacrylonitrile
Concen: 1.165 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

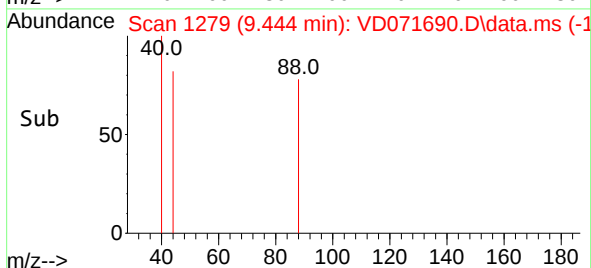
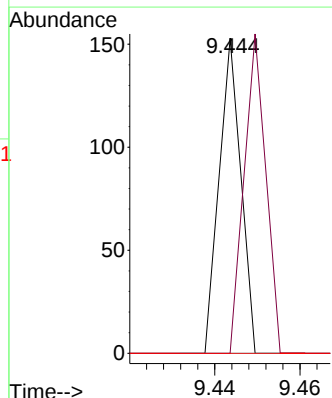
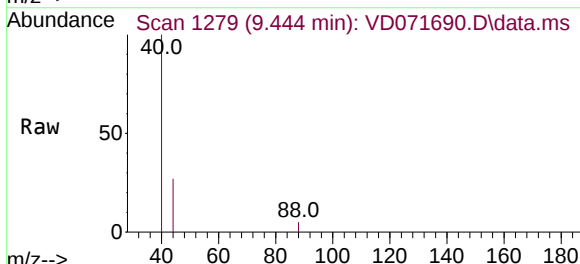
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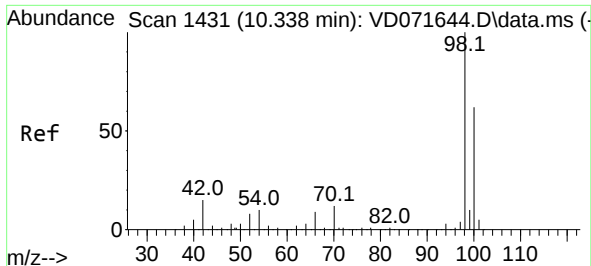
Tgt Ion:	41	Resp:	58
Ion	Ratio	Lower	Upper
41	100		
39	103.4	46.9	70.3#
67	0.0	49.3	73.9#
52	0.0	23.1	34.7#



#49
1,4-Dioxane
Concen: 2.466 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.011 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion:	88	Resp:	54
Ion	Ratio	Lower	Upper
88	100		
43	101.9	34.6	52.0#
58	0.0	62.0	93.0#

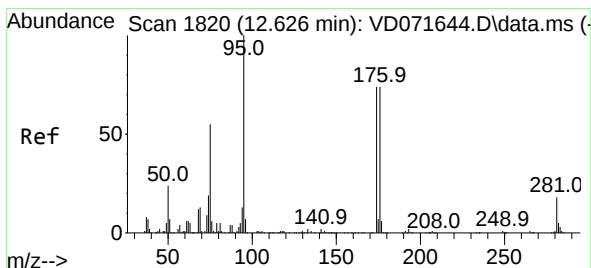
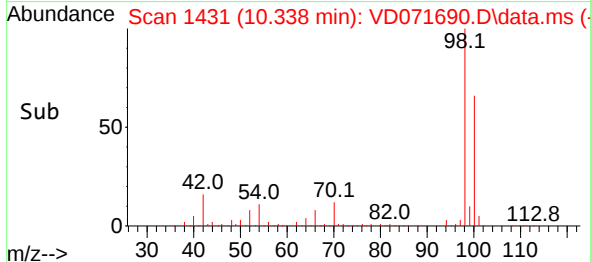
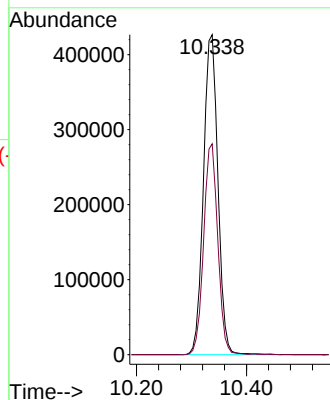
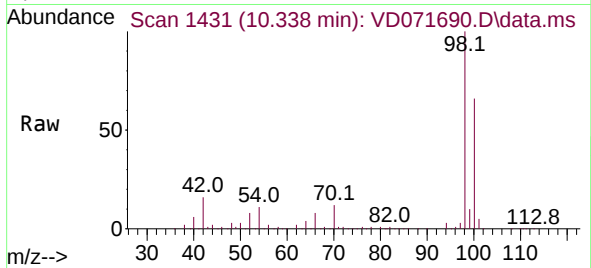




#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

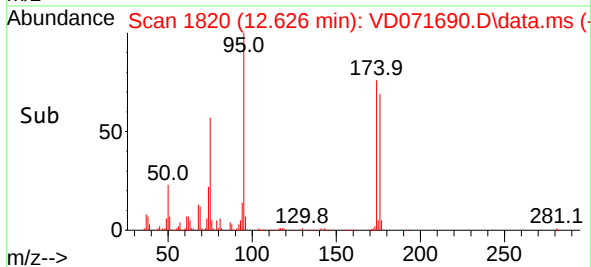
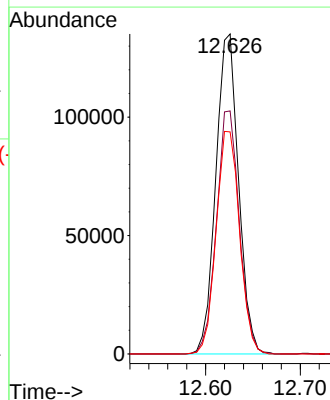
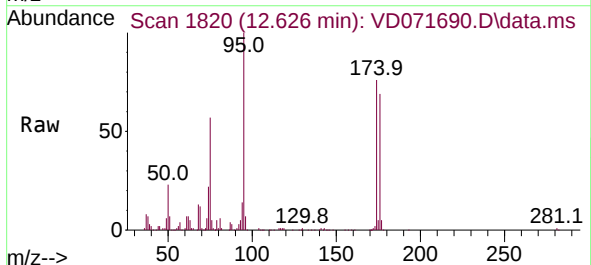
Instrument :
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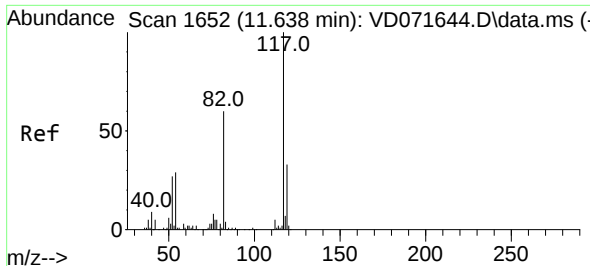
Tgt Ion: 98 Resp: 779062
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.569 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion: 95 Resp: 225549
Ion Ratio Lower Upper
95 100
174 76.4 0.0 150.0
176 71.7 0.0 146.4

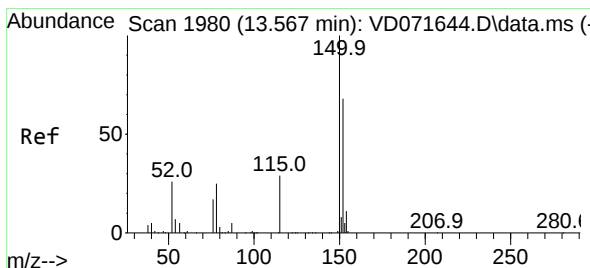
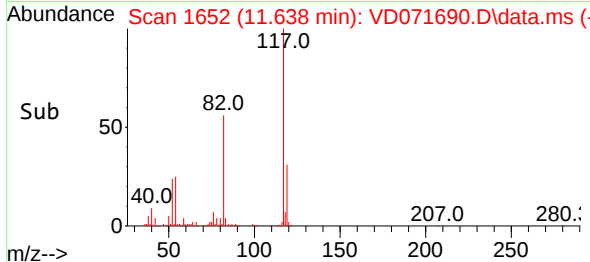
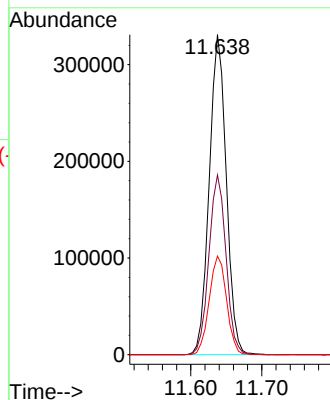
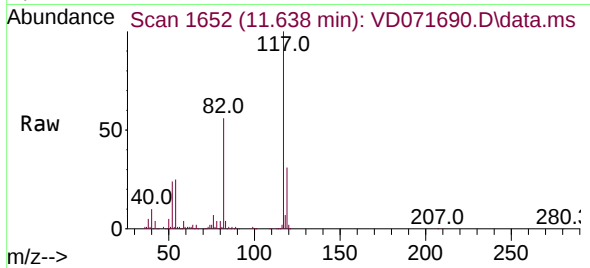




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

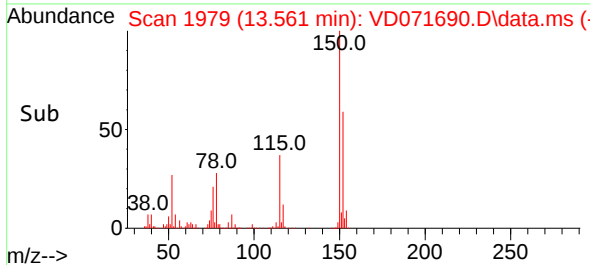
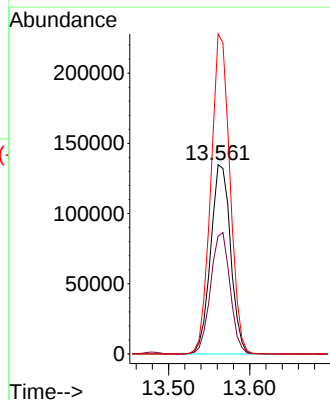
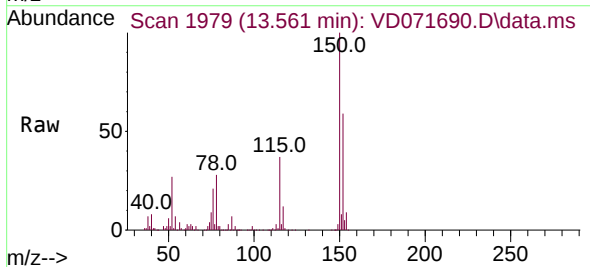
Instrument :
MSVOA_D
ClientSampleId :
DUP-02-011122

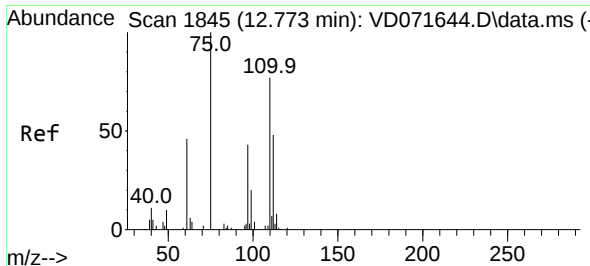
Tgt Ion:117 Resp: 553113
Ion Ratio Lower Upper
117 100
82 56.1 46.9 70.3
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion:152 Resp: 229900
Ion Ratio Lower Upper
152 100
115 62.8 31.5 94.5
150 161.6 0.0 348.0

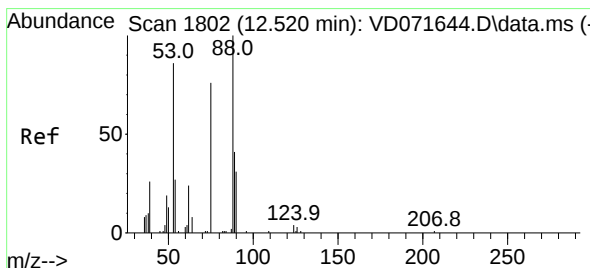
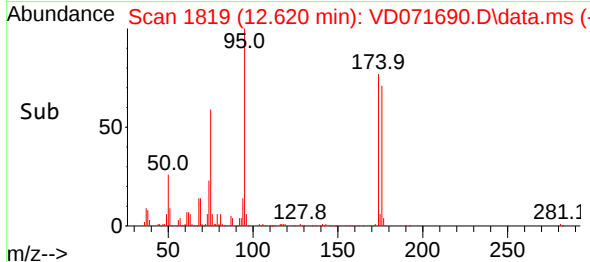
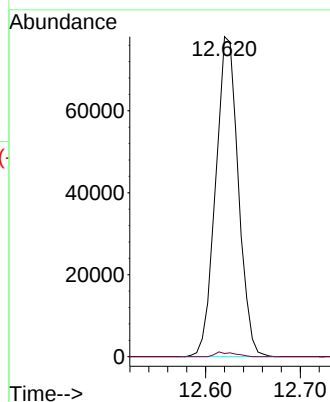
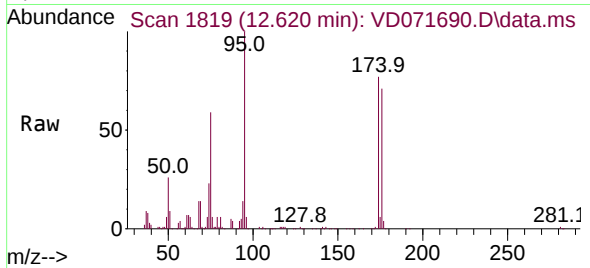




#76
1,2,3-Trichloropropane
Concen: 58.581 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
DUP-02-011122

Tgt Ion: 75 Resp: 130136
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 163.317 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071690.D
Acq: 12 Jan 2022 17:01

Tgt Ion: 75 Resp: 130136
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.0 37.2 55.8#

