

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071622.D
 Acq On : 05 Jan 2022 18:56
 Operator : VA/SY
 Sample : N1018-06
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 07:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

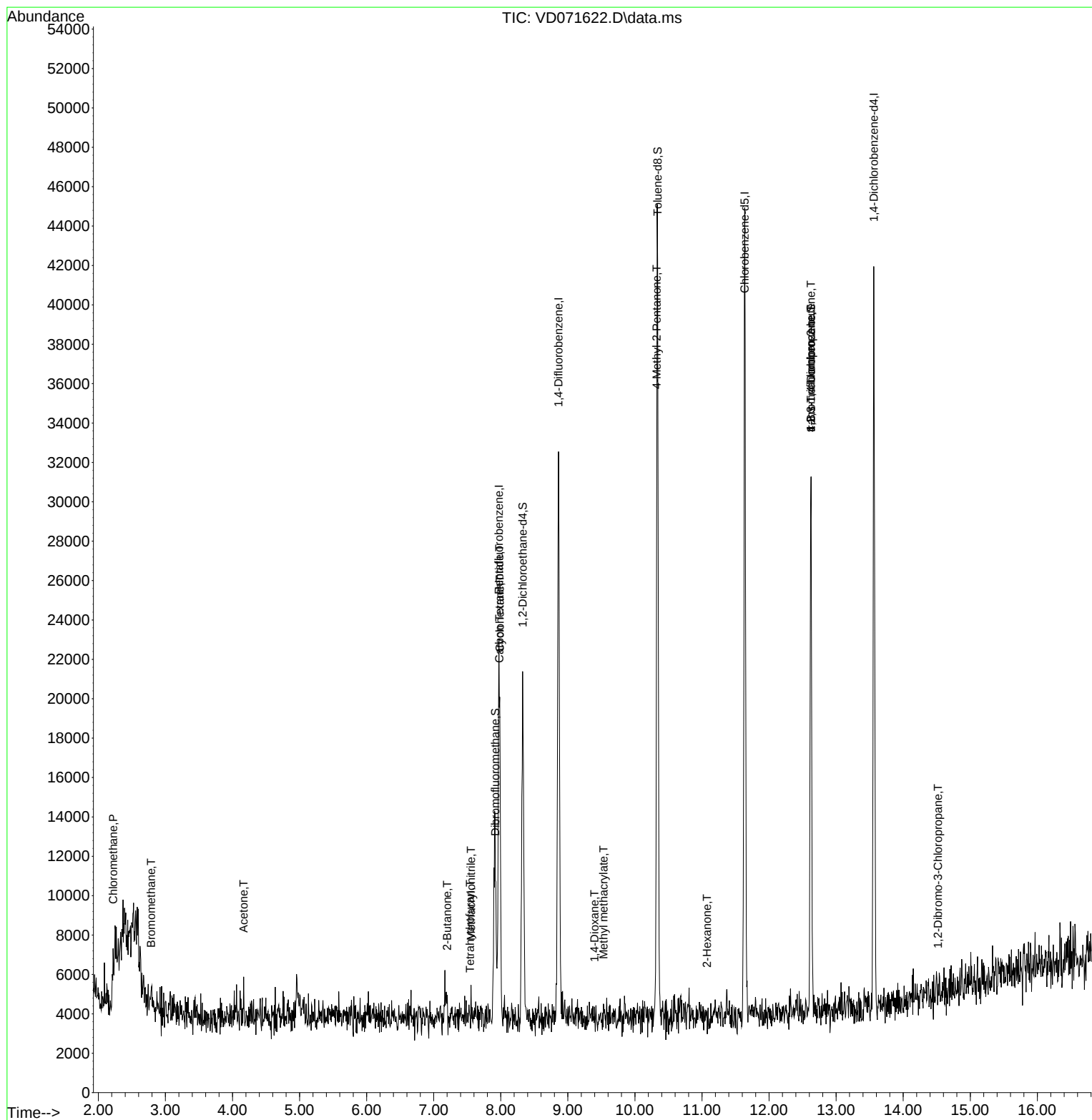
Internal Standards						
1) Pentafluorobenzene	7.973	168	13363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	20573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12327	69.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.920%	
35) Dibromofluoromethane	7.920	113	7154	51.741	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.338	98	24959	47.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.540%	
62) 4-Bromofluorobenzene	12.626	95	7507	40.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.220	50	193	1.076	ug/l #	42
5) Bromomethane	2.785	94	470	3.127	ug/l #	3
11) Tert butyl alcohol	5.179	59	90	Below Cal	#	71
16) Acetone	4.167	43	366	8.210	ug/l	88
25) 2-Butanone	7.203	43	59	1.108	ug/l #	45
29) Tetrahydrofuran	7.544	42	56	1.752	ug/l #	34
31) Cyclohexane	7.985	56	346	1.148	ug/l #	1
38) Carbon Tetrachloride	7.979	117	1148	5.268	ug/l #	12
41) Methacrylonitrile	7.555	41	63	1.040	ug/l #	25
48) Methyl methacrylate	9.532	41	272	2.716	ug/l #	15
49) 1,4-Dioxane	9.397	88	62	64.447	ug/l #	15
51) 4-Methyl-2-Pentanone	10.326	43	190	1.784	ug/l	94
59) 2-Hexanone	11.073	43	85	1.129	ug/l #	22
76) 1,2,3-Trichloropropane	12.626	75	4971	48.898	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	4971	138.163	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.520	75	57	2.756	ug/l #	4

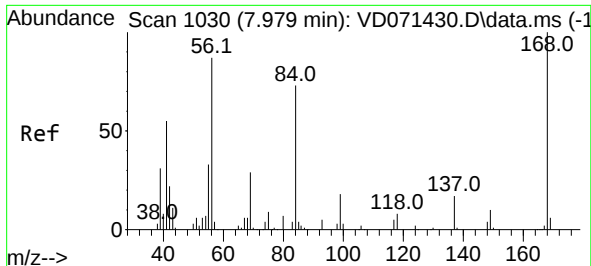
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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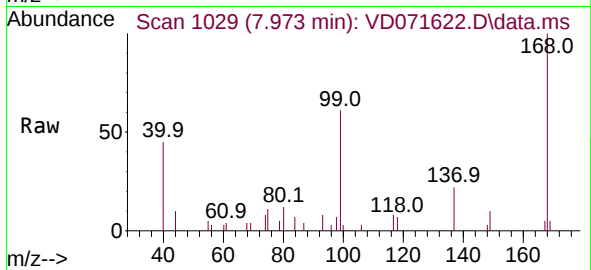
Quant Time: Jan 06 07:05:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



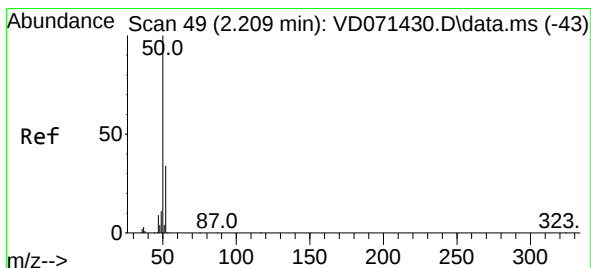
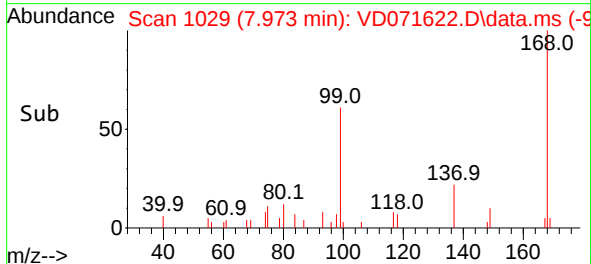
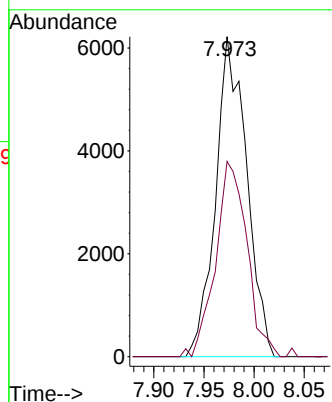


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :

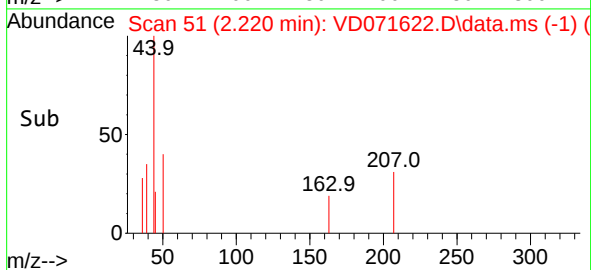
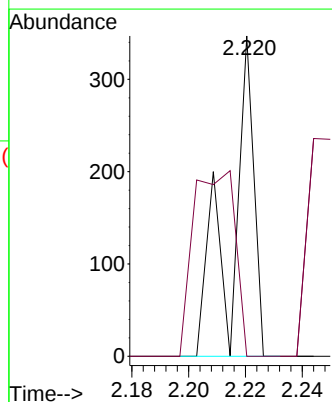
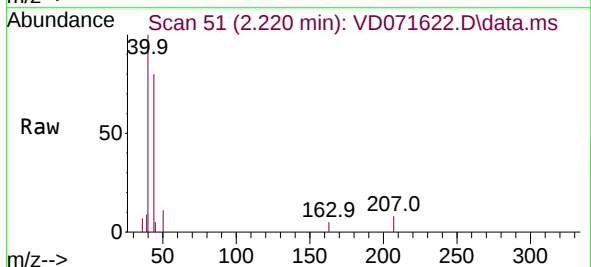


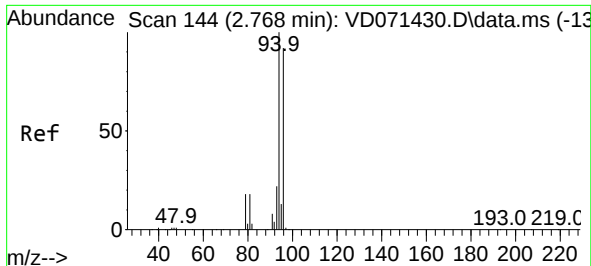
Tgt Ion:168 Resp: 13363
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#3
Chloromethane
Concen: 1.076 ug/l
RT: 2.220 min Scan# 51
Delta R.T. 0.011 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

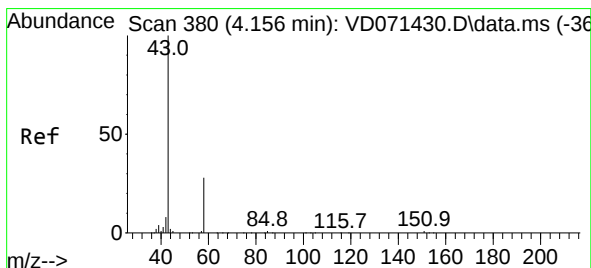
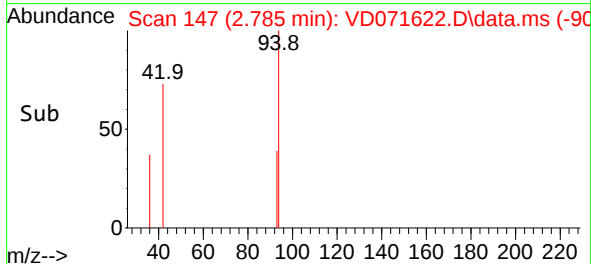
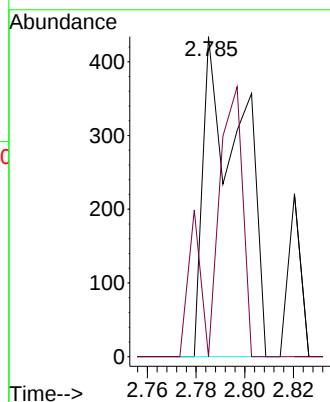
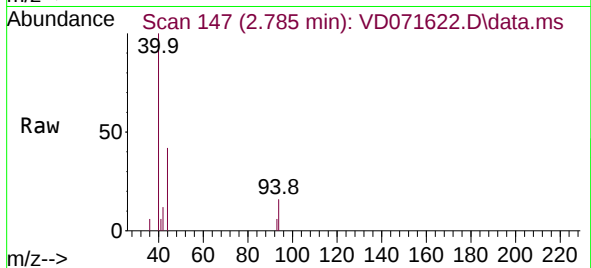




#5
Bromomethane
Concen: 3.127 ug/l
RT: 2.785 min Scan# 144
Delta R.T. 0.035 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

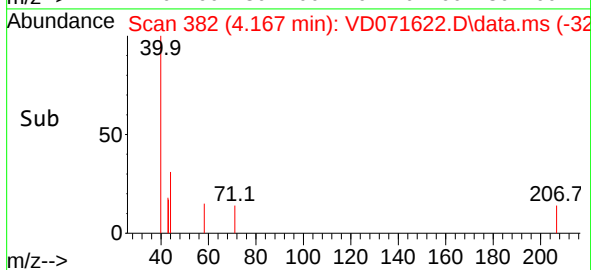
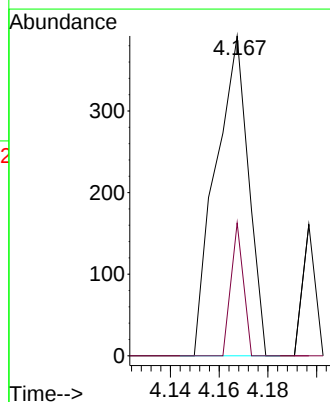
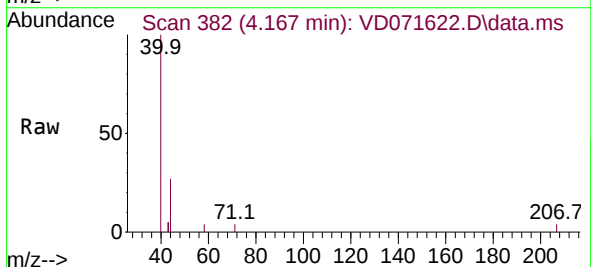
Instrument :
MSVOA_D
ClientSampleId :

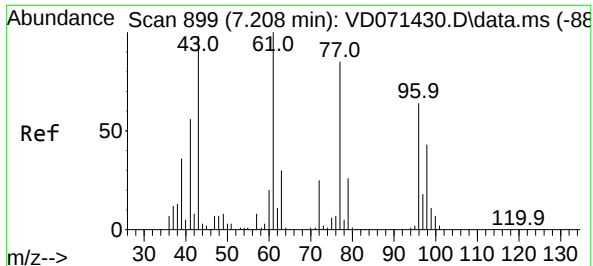
Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 8.210 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 41.6 27.8 41.8

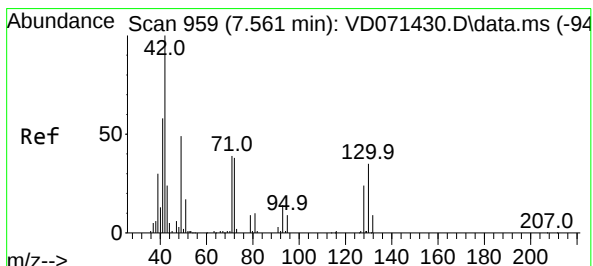
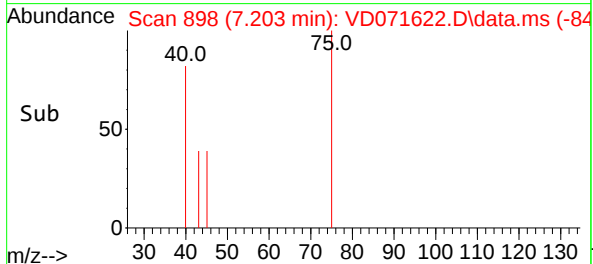
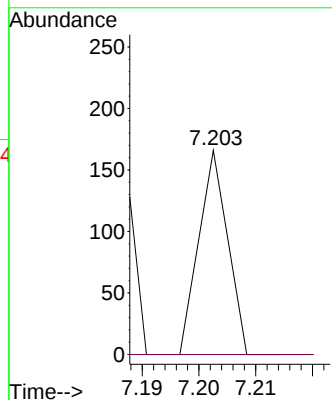
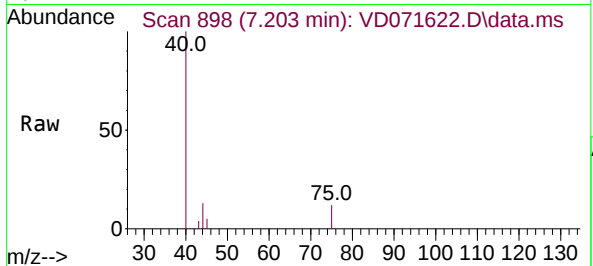




#25
2-Butanone
Concen: 1.108 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

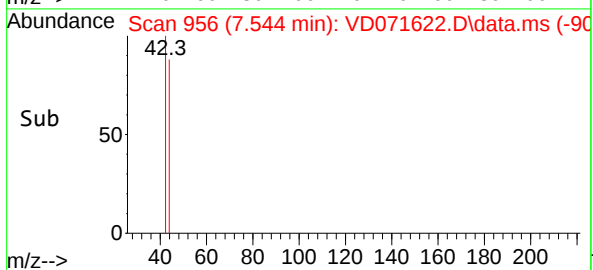
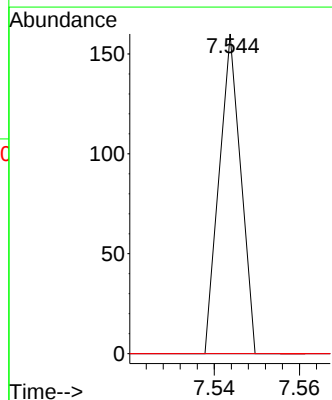
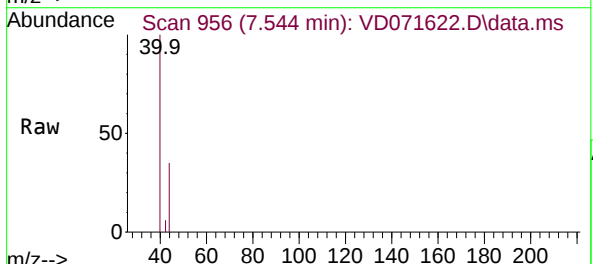
Instrument :
MSVOA_D
ClientSampleId :

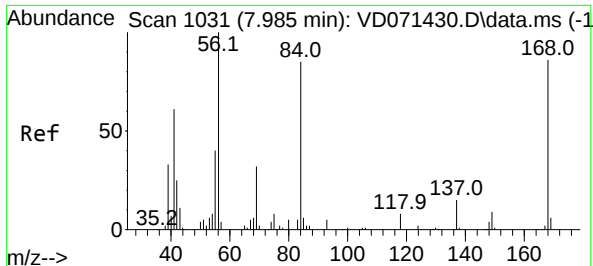
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#29
Tetrahydrofuran
Concen: 1.752 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.011 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

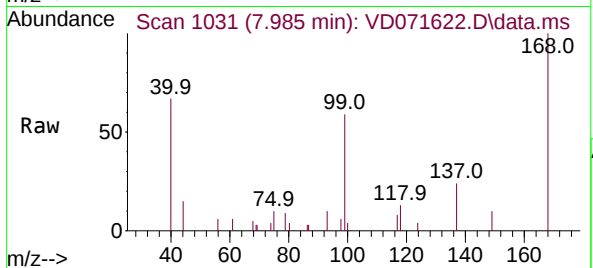
Tgt Ion: 42 Resp: 56
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 32.7 49.1#



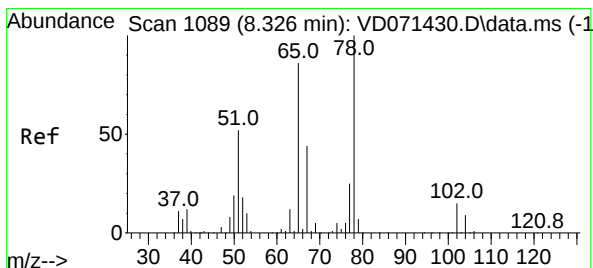
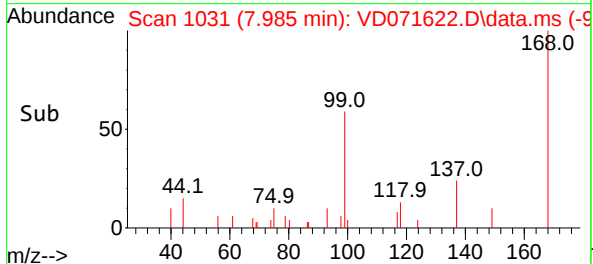
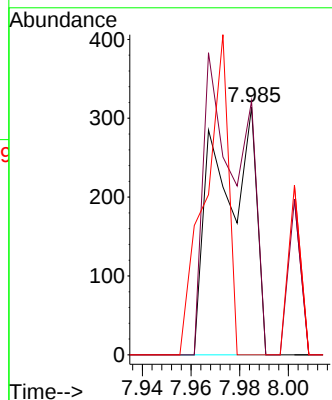


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :

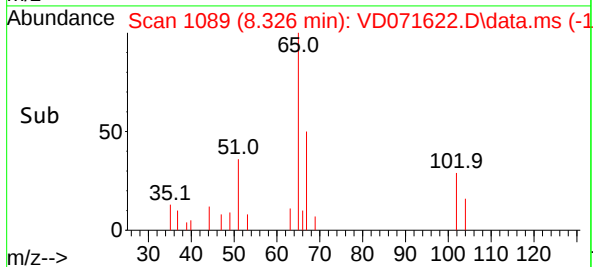
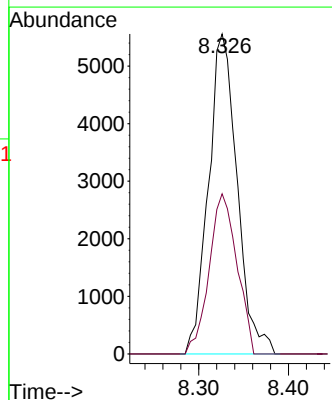
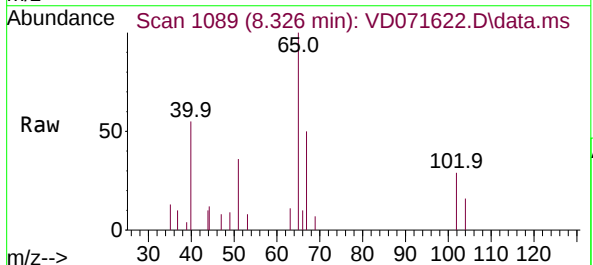


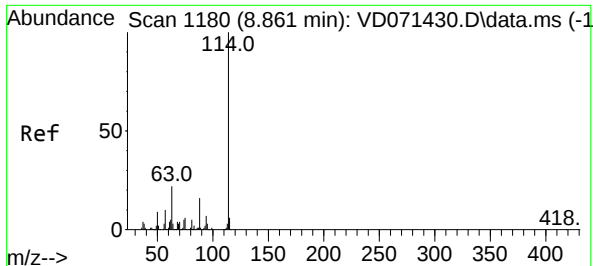
Tgt Ion: 56 Resp: 346
Ion Ratio Lower Upper
56 100
69 102.5 25.9 38.9#
84 0.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 69.459 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 65 Resp: 12327
Ion Ratio Lower Upper
65 100
67 48.4 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071622.D

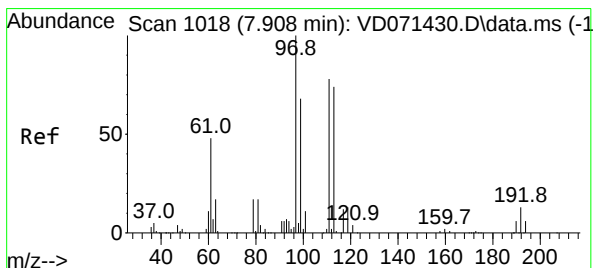
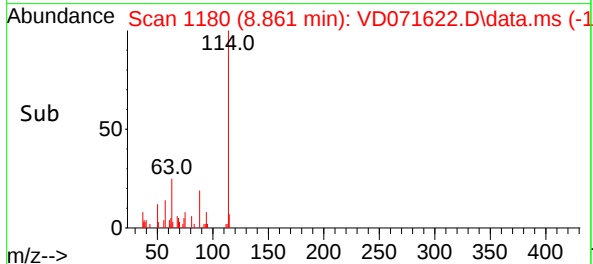
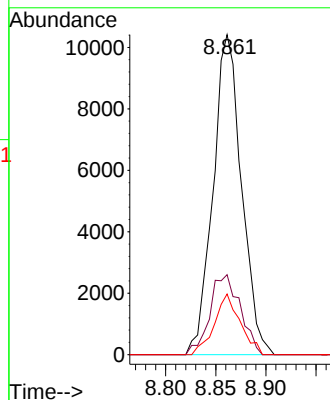
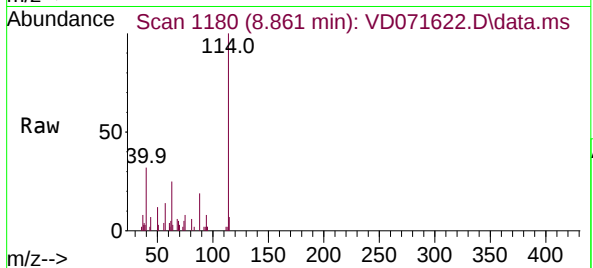
Acq: 05 Jan 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	20573
Ion	Ratio	Lower Upper
114	100	
63	25.0	0.0 41.8
88	19.0	0.0 32.8



#35

Dibromofluoromethane

Concen: 51.741 ug/l

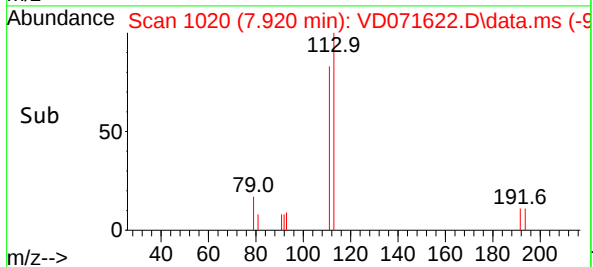
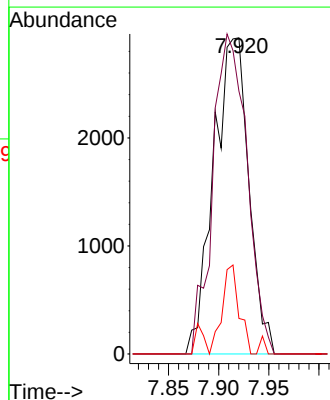
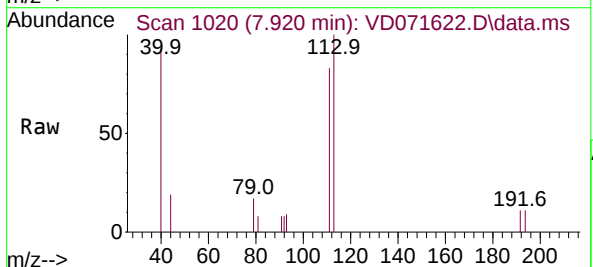
RT: 7.920 min Scan# 1020

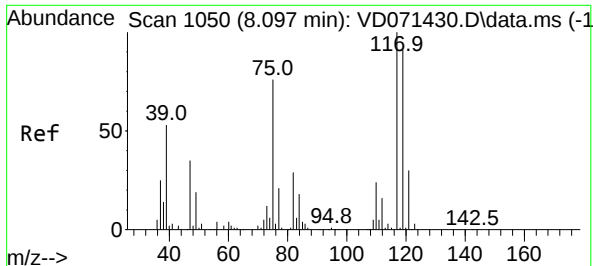
Delta R.T. 0.012 min

Lab File: VD071622.D

Acq: 05 Jan 2022 18:56

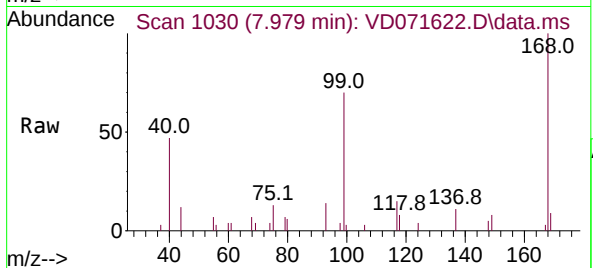
Tgt Ion:113	Resp:	7154
Ion	Ratio	Lower Upper
113	100	
111	98.1	82.0 123.0
192	13.5	15.2 22.8



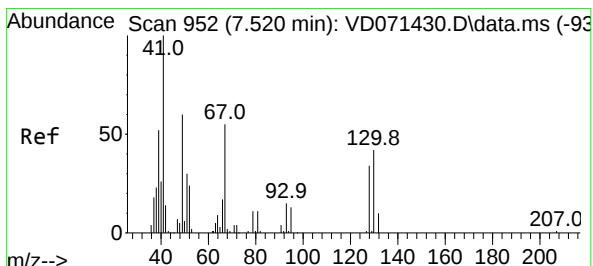
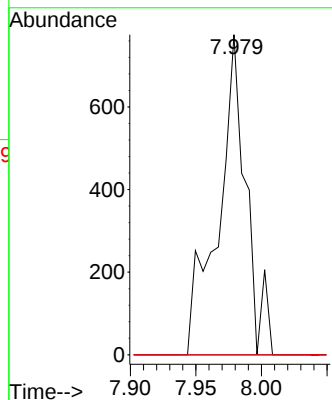
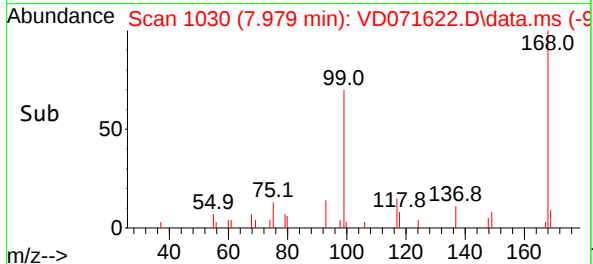


#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :

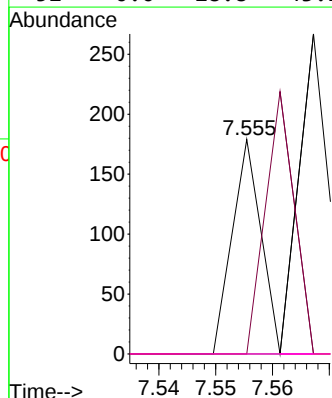
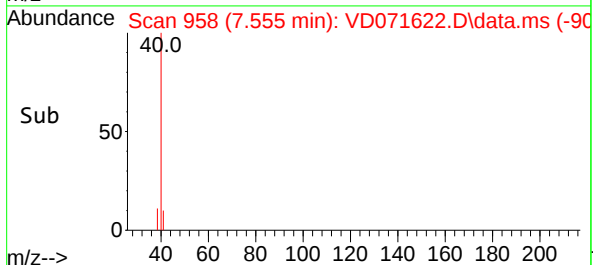
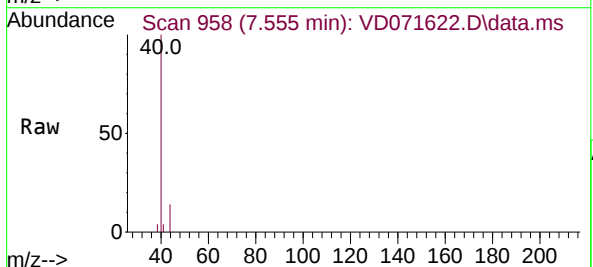


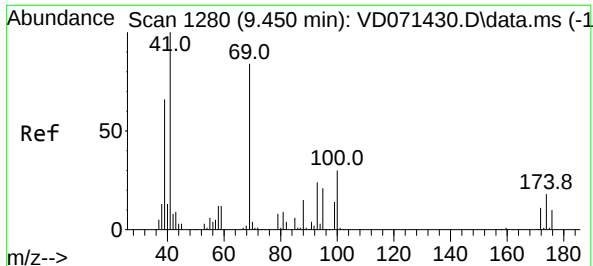
Tgt Ion:117 Resp: 1148
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



#41
Methacrylonitrile
Concen: 1.040 ug/l
RT: 7.555 min Scan# 958
Delta R.T. 0.029 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

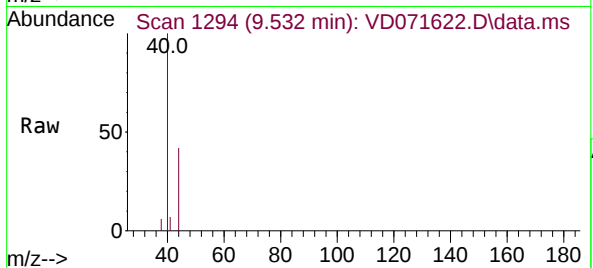
Tgt Ion: 41 Resp: 63
Ion Ratio Lower Upper
41 100
39 122.2 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#



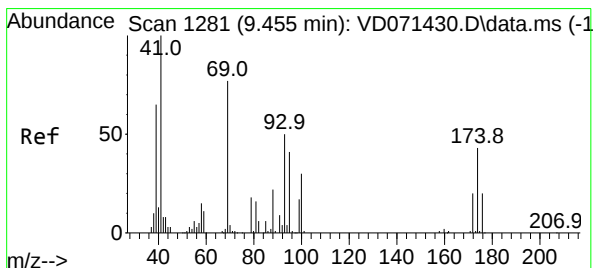
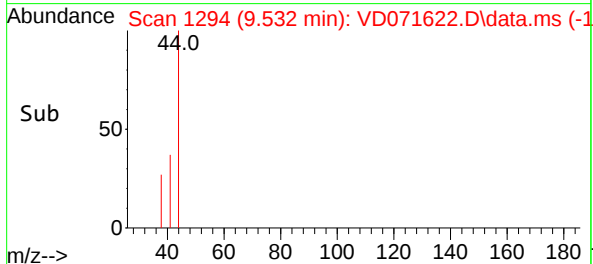
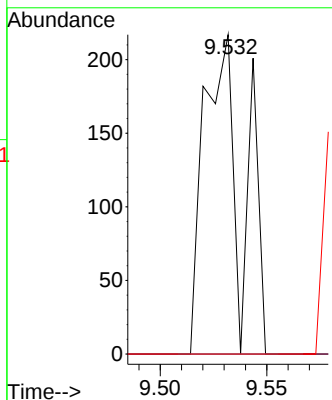


#48
Methyl methacrylate
Concen: 2.716 ug/l
RT: 9.532 min Scan# 1279
Delta R.T. 0.083 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :

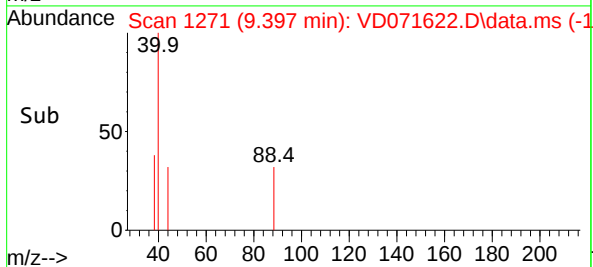
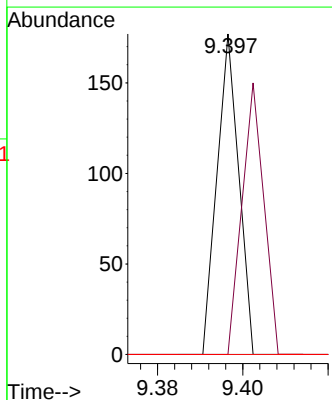
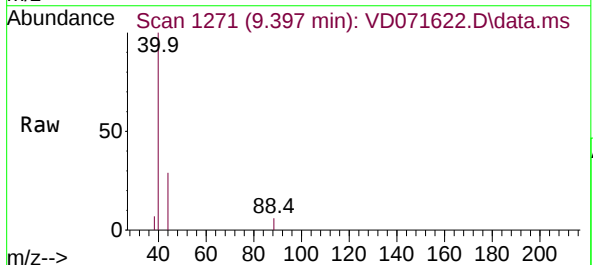


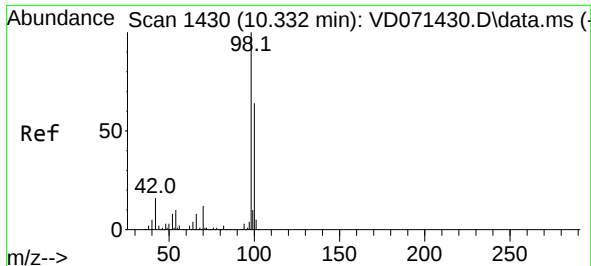
Tgt Ion: 41 Resp: 272
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 0.0 35.6 53.4#



#49
1,4-Dioxane
Concen: 64.447 ug/l
RT: 9.397 min Scan# 1271
Delta R.T. -0.058 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 85.5 28.9 43.3#
58 0.0 56.3 84.5#

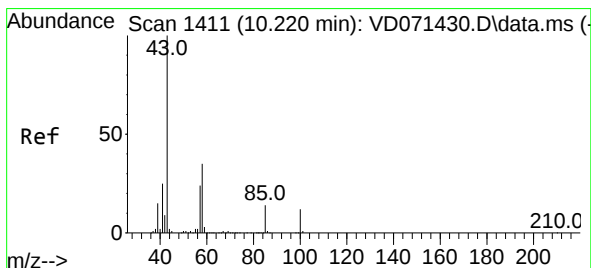
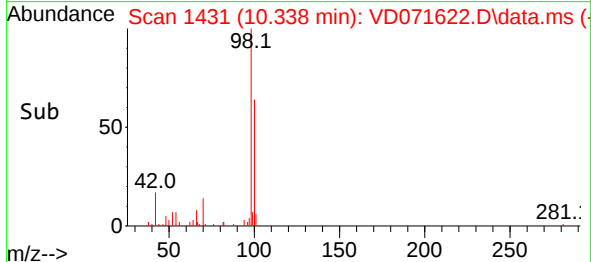
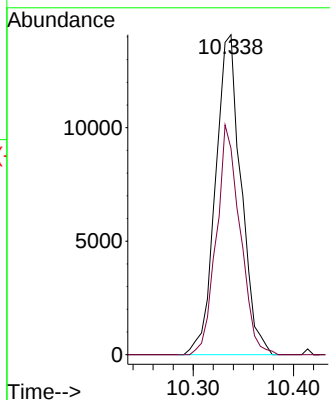
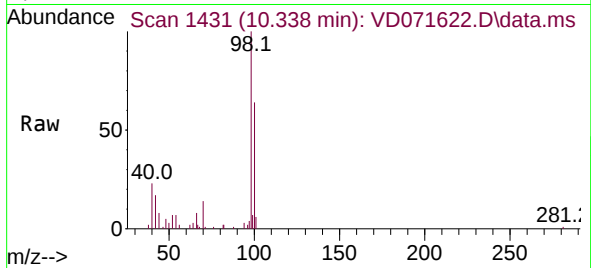




#50
Toluene-d8
Concen: 47.767 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

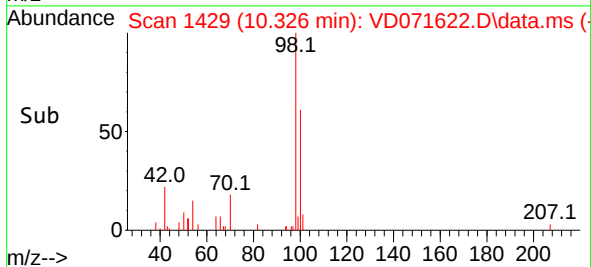
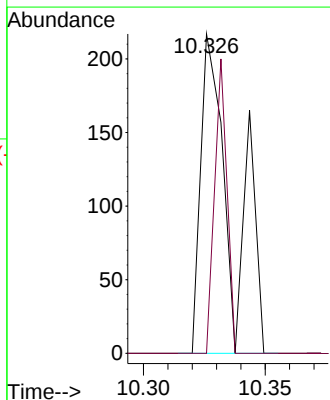
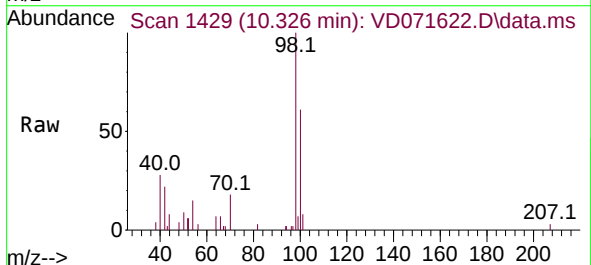
Instrument :
MSVOA_D
ClientSampleId :

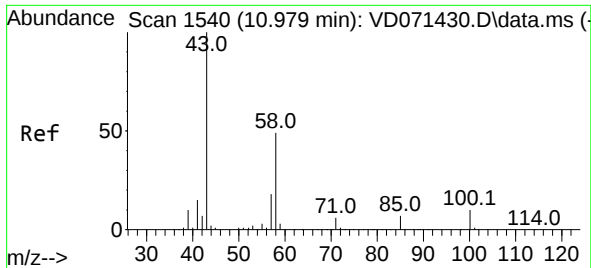
Tgt Ion: 98 Resp: 24959
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.784 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.106 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 37.4 33.1 49.7

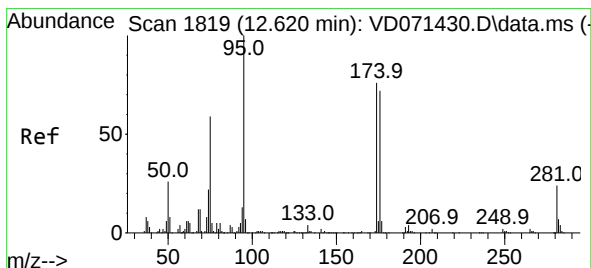
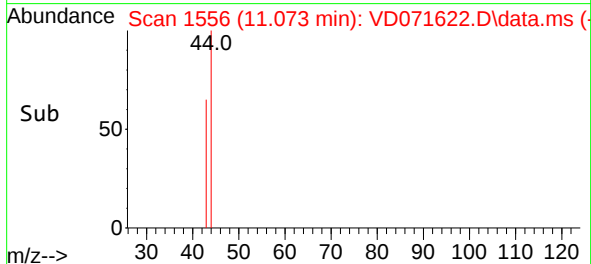
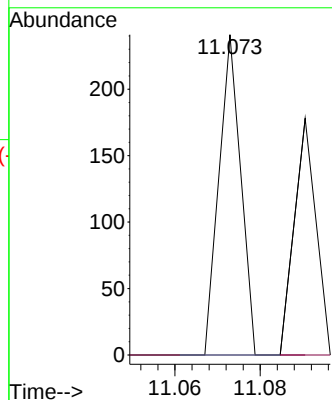
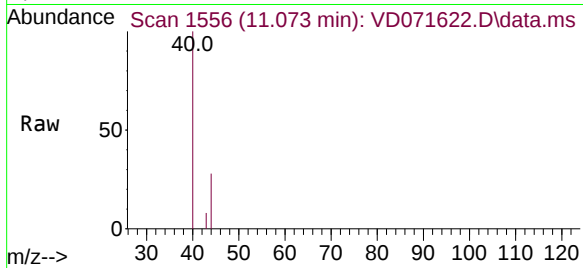




#59
2-Hexanone
Concen: 1.129 ug/l
RT: 11.073 min Scan# 11
Delta R.T. 0.094 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

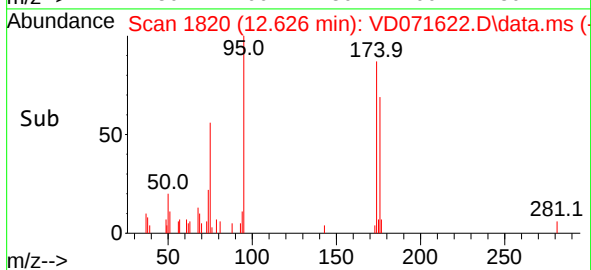
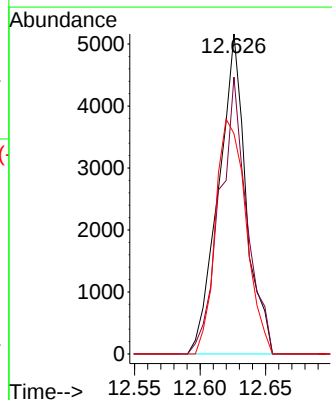
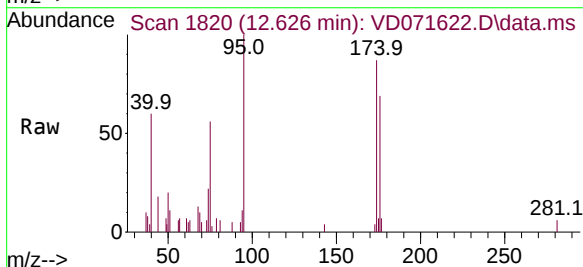
Instrument :
MSVOA_D
ClientSampleId :

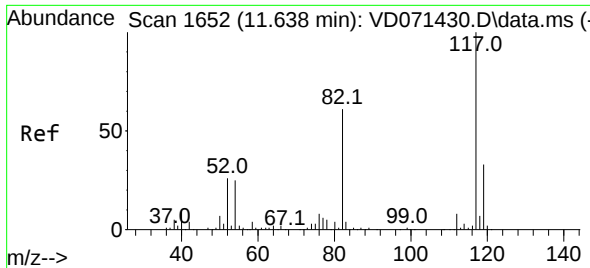
Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 40.431 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 95 Resp: 7507
Ion Ratio Lower Upper
95 100
174 85.9 0.0 159.4
176 81.5 0.0 154.0

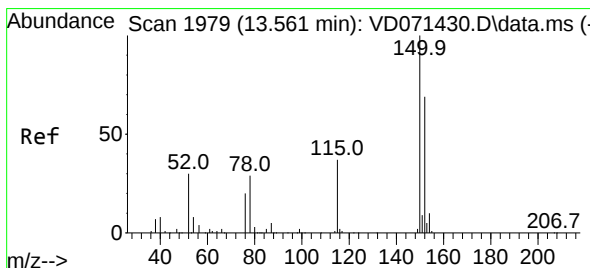
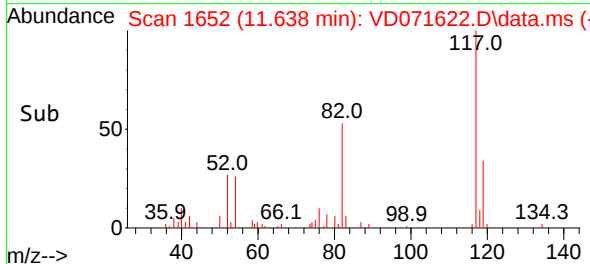
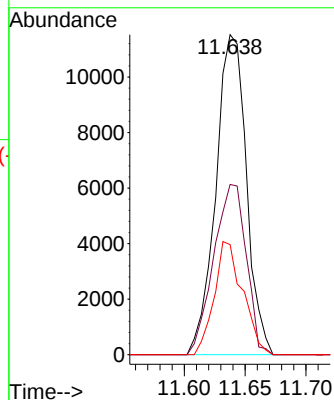
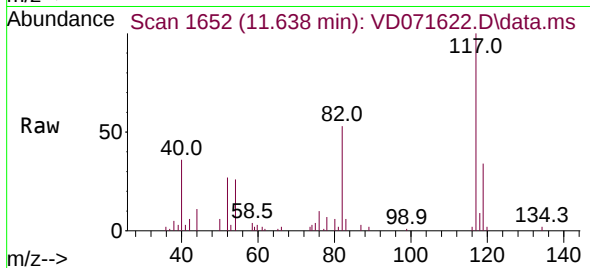




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

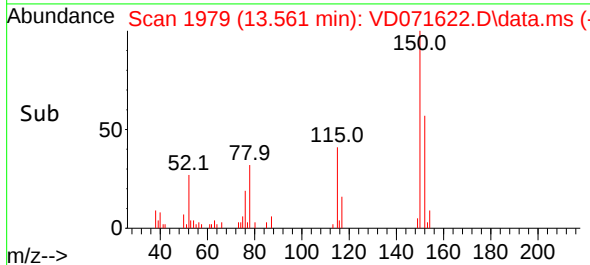
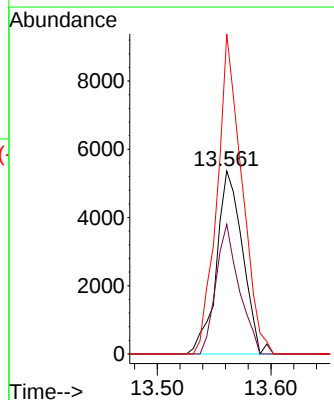
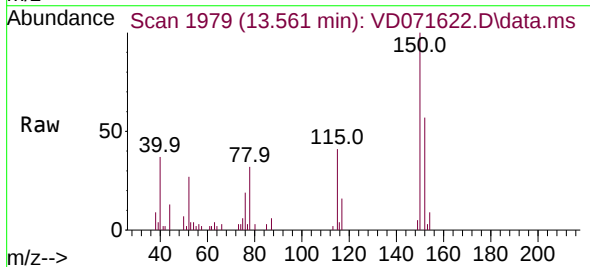
Instrument :
MSVOA_D
ClientSampleId :

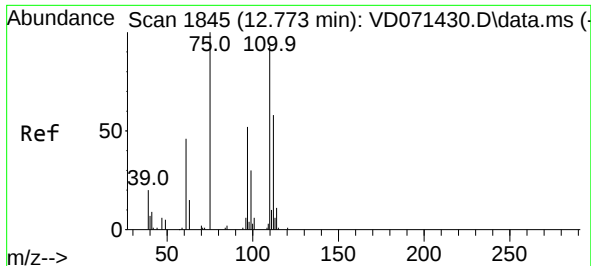
Tgt Ion:117 Resp: 20164
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 34.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion:152 Resp: 8556
Ion Ratio Lower Upper
152 100
115 62.6 29.8 89.3
150 166.1 0.0 349.2

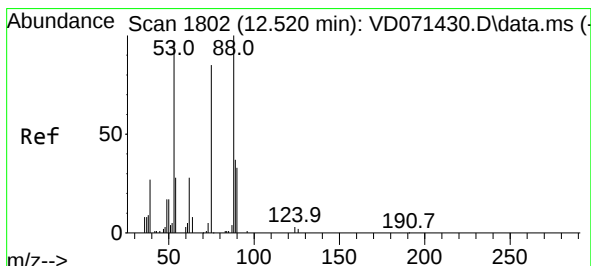
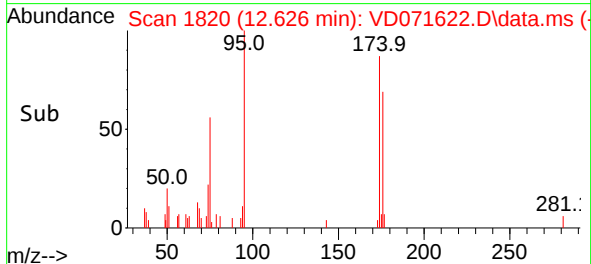
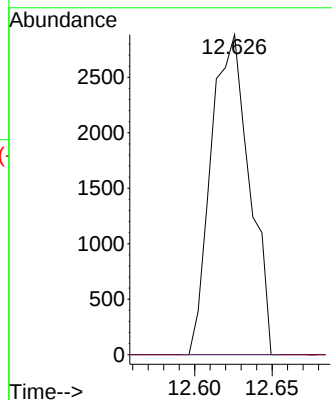
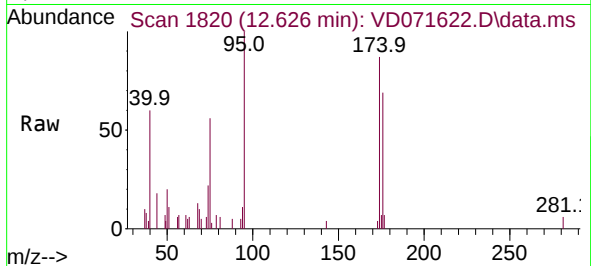




#76
1,2,3-Trichloropropane
Concen: 48.898 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

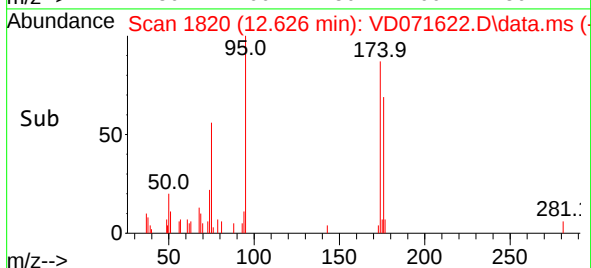
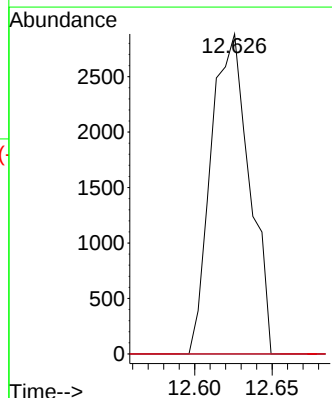
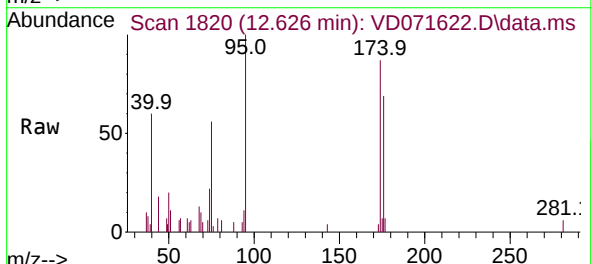
Instrument :
MSVOA_D
ClientSampleId :

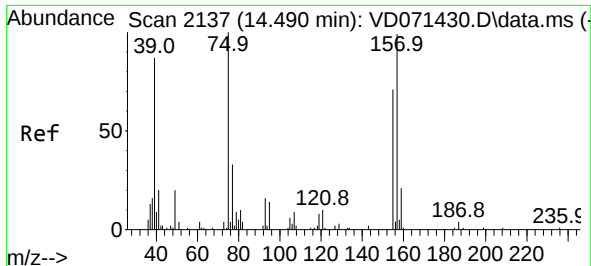
Tgt Ion: 75 Resp: 4971
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.163 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071622.D
Acq: 05 Jan 2022 18:56

Tgt Ion: 75 Resp: 4971
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.756 ug/l

RT: 14.520 min Scan# 21

Delta R.T. 0.030 min

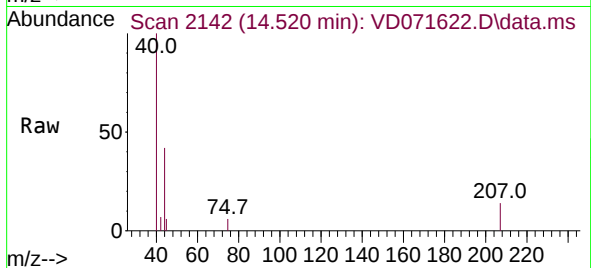
Lab File: VD071622.D

Acq: 05 Jan 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

155 0.0 40.0 120.0#

157 0.0 49.8 149.3#

