

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071081.D
 Acq On : 30 Nov 2021 11:43
 Operator : VA/SY
 Sample : VD1130SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBL01

Quant Time: Dec 01 03:31:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

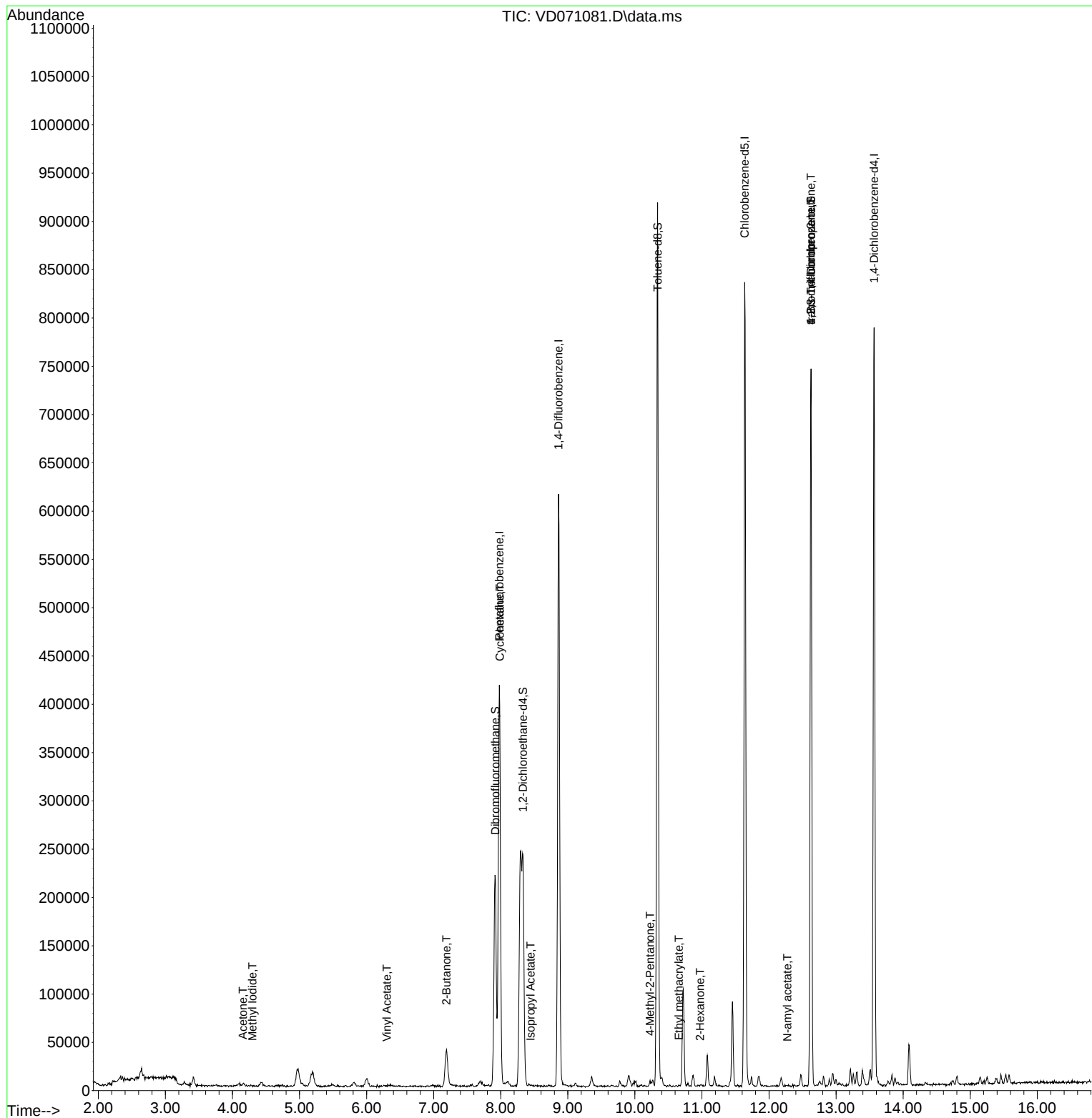
Internal Standards						
1) Pentafluorobenzene	7.979	168	292077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	502389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	447738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	194246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165984	48.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.860%		
35) Dibromofluoromethane	7.920	113	156482	48.913	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.820%		
50) Toluene-d8	10.338	98	574677	47.204	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.626	95	193624	45.881	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.760%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.297	142	277	4.634	ug/l #	40
11) Tert butyl alcohol	5.203	59	14595	Below Cal	#	72
16) Acetone	4.156	43	4924	35.540	ug/l #	85
20) Methylene Chloride	4.973	84	11467	Below Cal	#	87
23) Vinyl Acetate	6.303	43	436	27.288	ug/l #	72
25) 2-Butanone	7.191	43	3015	30.902	ug/l #	81
31) Cyclohexane	7.985	56	10803	1.853	ug/l #	49
41) Methacrylonitrile	7.544	41	103	Below Cal	#	1
43) Isopropyl Acetate	8.444	43	648	5.353	ug/l #	47
51) 4-Methyl-2-Pentanone	10.226	43	3195	31.877	ug/l	99
56) Ethyl methacrylate	10.655	69	165	6.015	ug/l #	1
59) 2-Hexanone	10.973	43	1311	35.229	ug/l	79
74) N-amyl acetate	12.273	43	475	5.810	ug/l #	72
76) 1,2,3-Trichloropropane	12.626	75	107758	58.226	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	107758	126.234	ug/l #	18

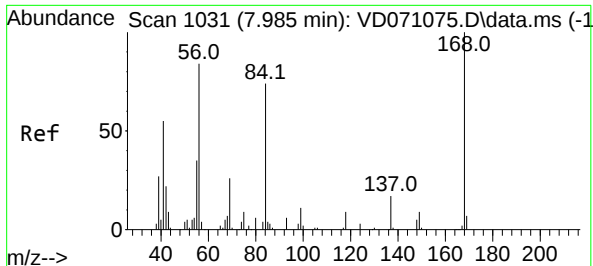
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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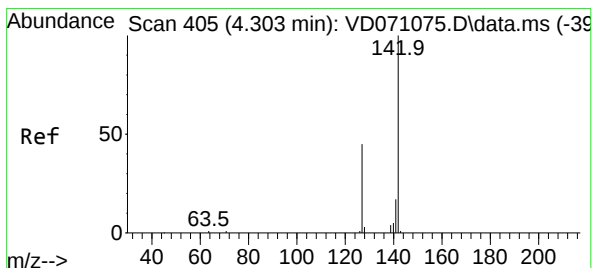
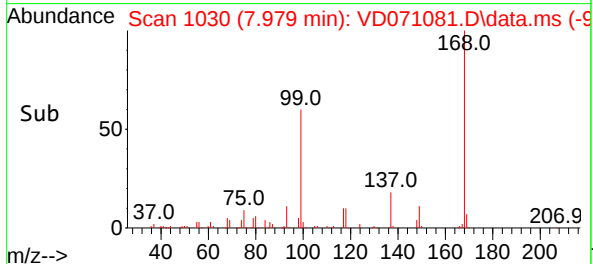
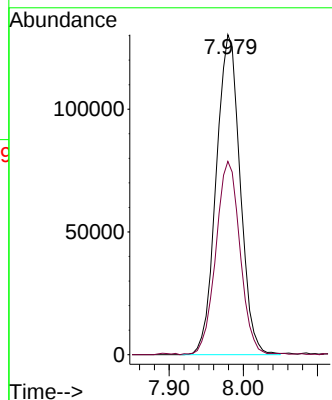
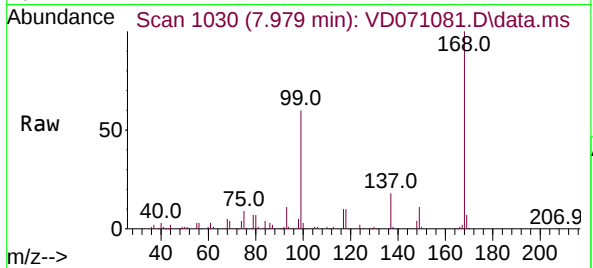




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

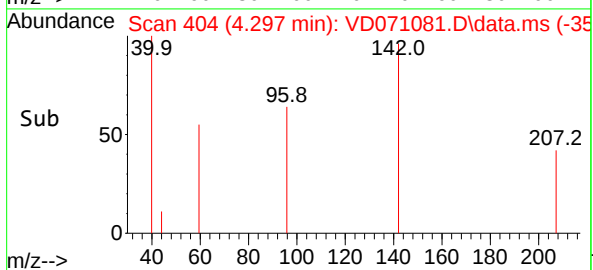
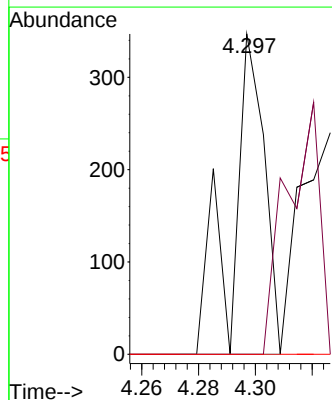
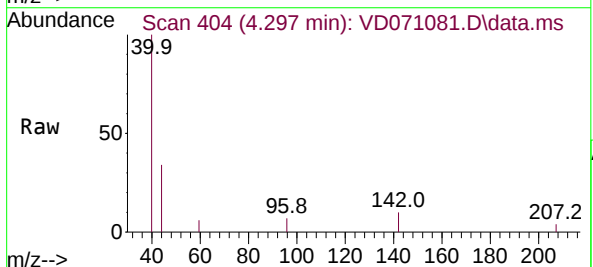
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

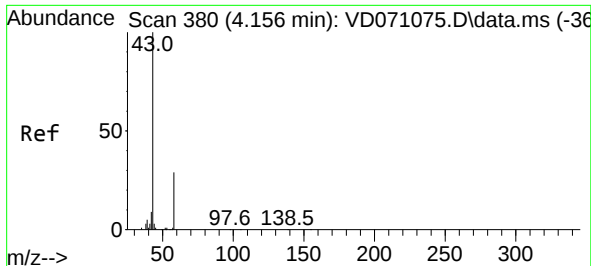
Tgt Ion:168 Resp: 292077
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.634 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion:142 Resp: 277
Ion Ratio Lower Upper
142 100
127 0.0 35.0 52.4#
141 0.0 12.0 18.0#

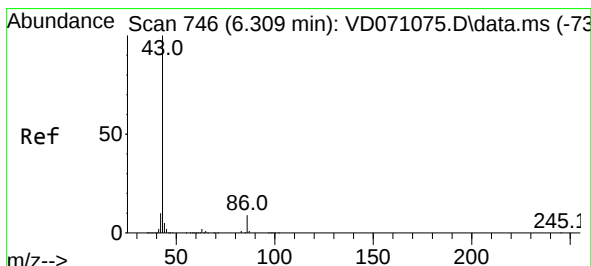
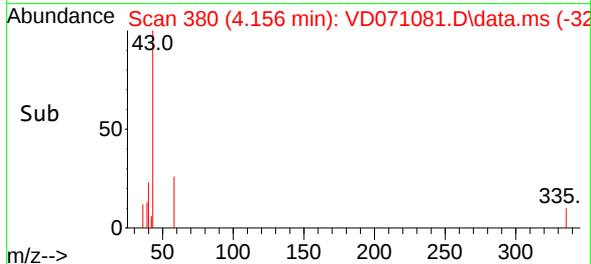
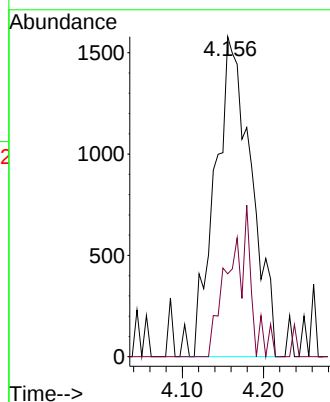
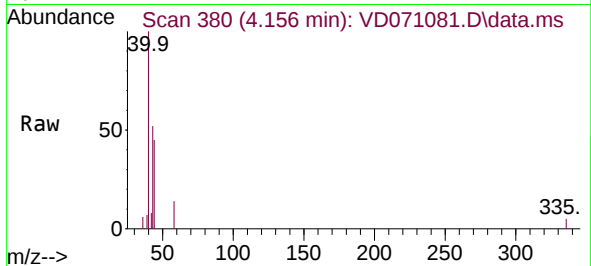




#16
Acetone
Concen: 35.540 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

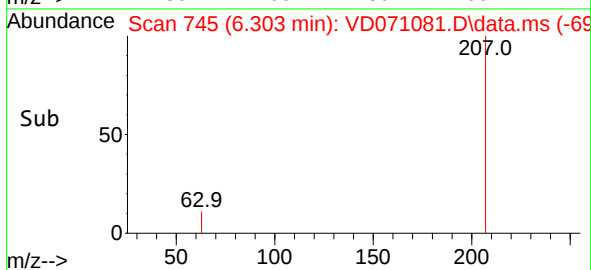
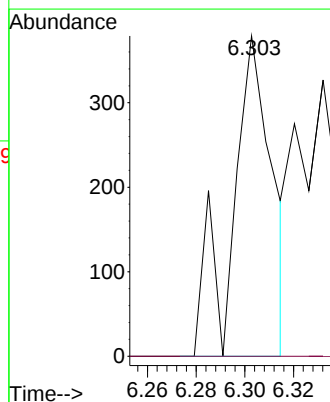
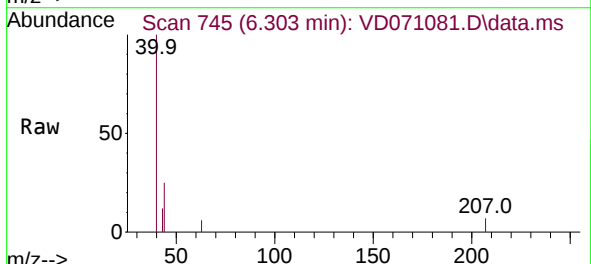
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

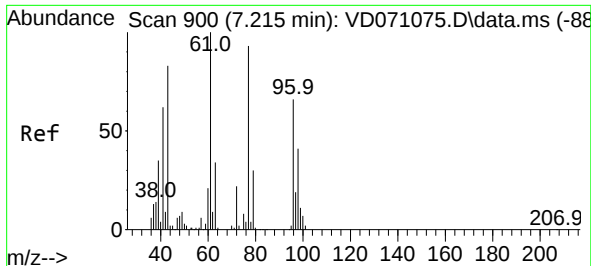
Tgt Ion: 43 Resp: 4924
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#



#23
Vinyl Acetate
Concen: 27.288 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

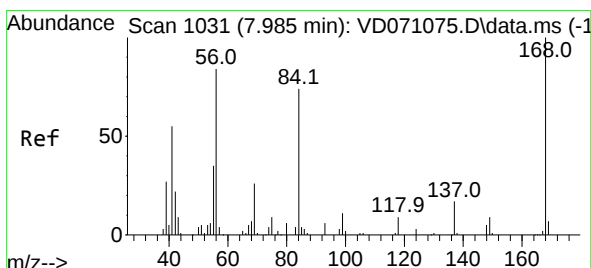
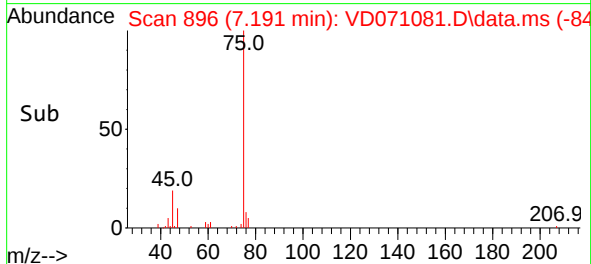
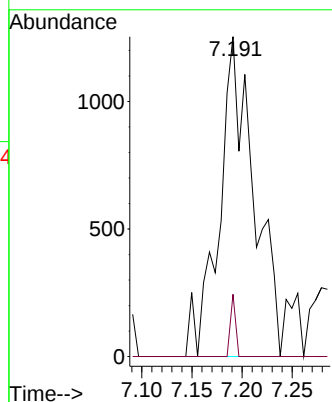
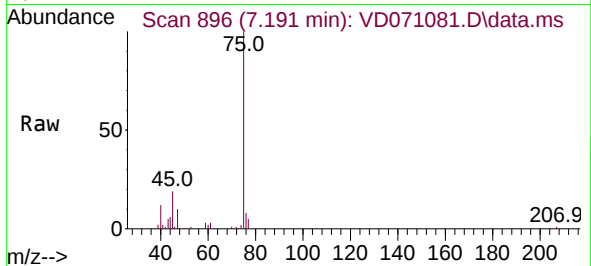




#25
2-Butanone
Concen: 30.902 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.024 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

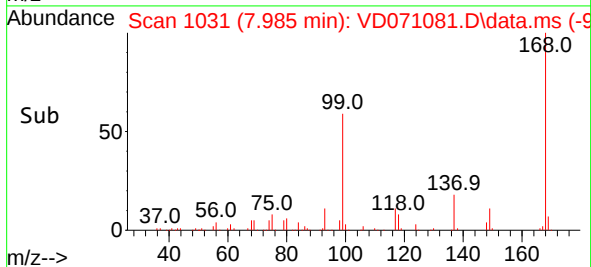
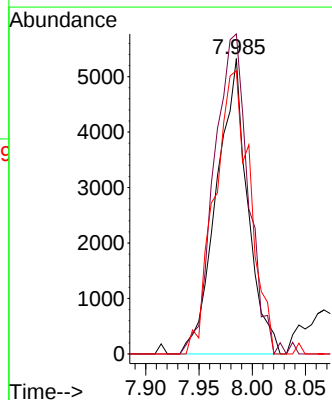
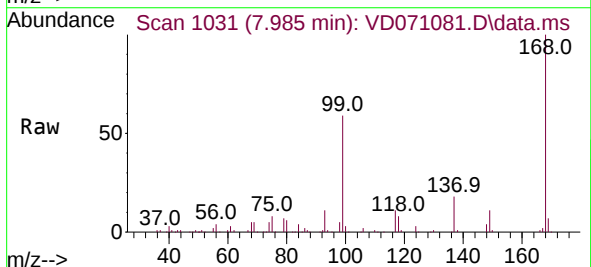
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

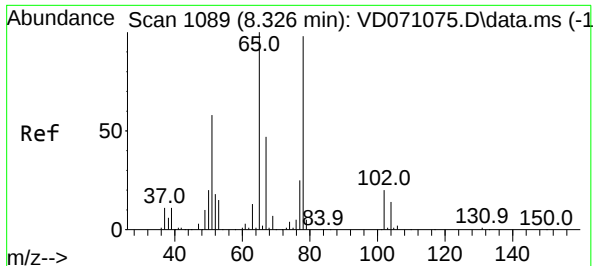
Tgt Ion: 43 Resp: 3015
Ion Ratio Lower Upper
43 100
72 19.5 23.8 35.6#



#31
Cyclohexane
Concen: 1.853 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 56 Resp: 10803
Ion Ratio Lower Upper
56 100
69 108.3 25.9 38.9#
84 95.9 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 48.432 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071081.D

Acq: 30 Nov 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

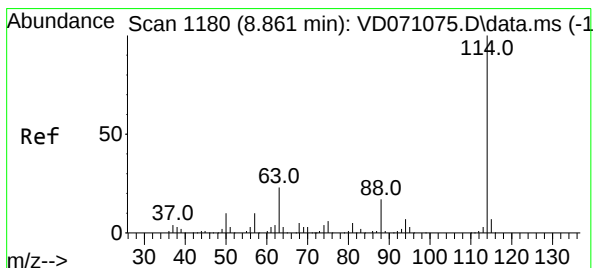
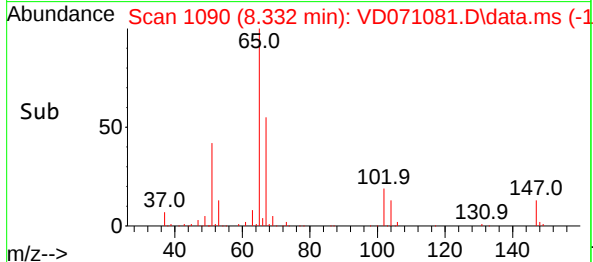
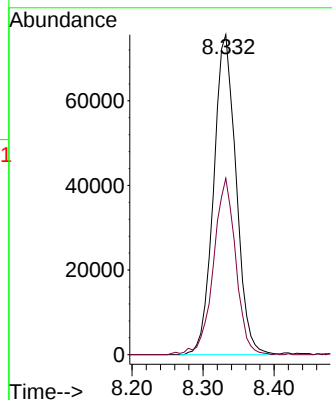
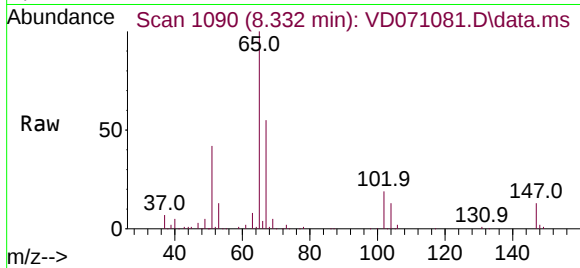
VD1130SBL01

Tgt Ion: 65 Resp: 165984

Ion Ratio Lower Upper

65 100

67 54.6 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: VD071081.D

Acq: 30 Nov 2021 11:43

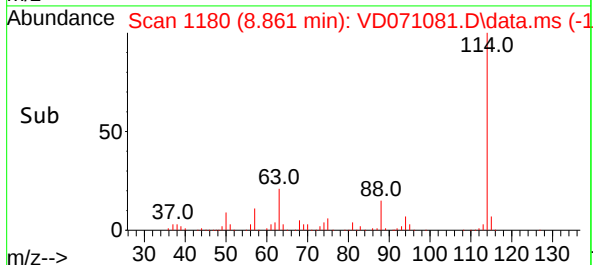
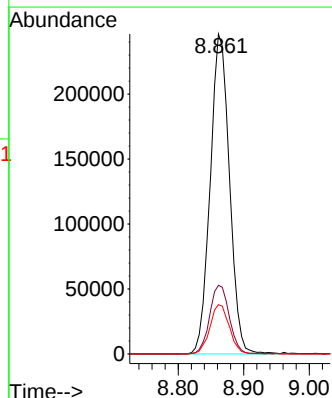
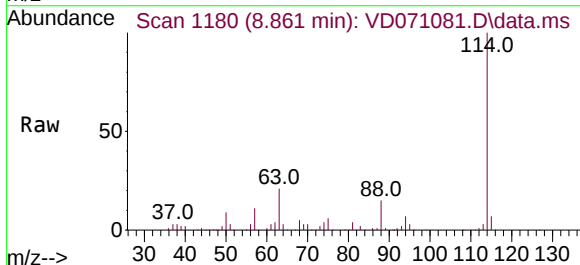
Tgt Ion: 114 Resp: 502389

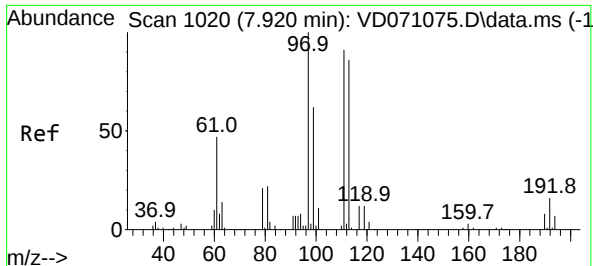
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.913 ug/l

RT: 7.920 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD071081.D

Acq: 30 Nov 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

VD1130SBL01

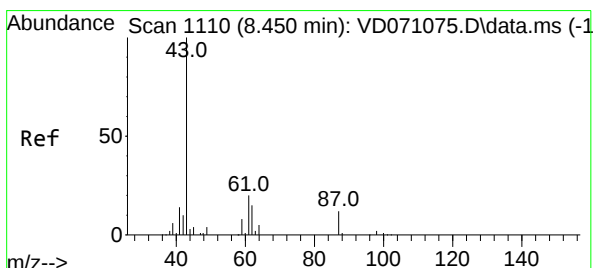
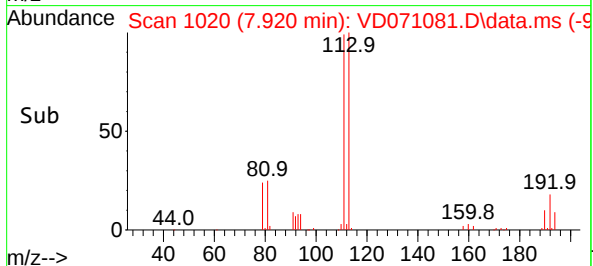
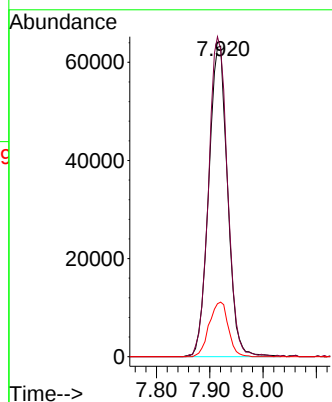
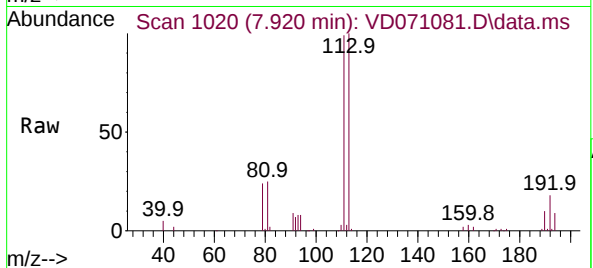
Tgt Ion:113 Resp: 156482

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 17.7 15.2 22.8



#43

Isopropyl Acetate

Concen: 5.353 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD071081.D

Acq: 30 Nov 2021 11:43

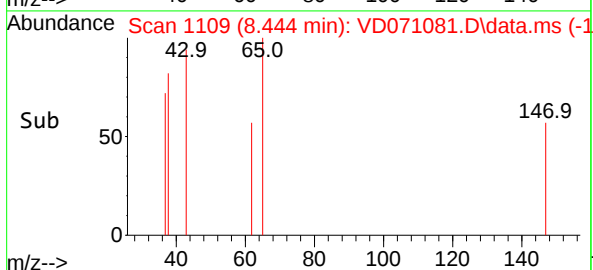
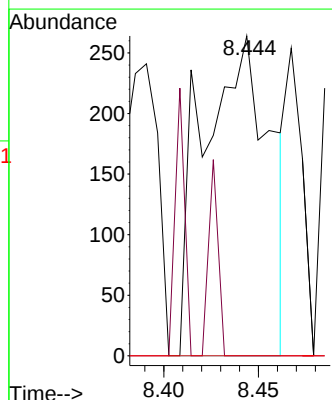
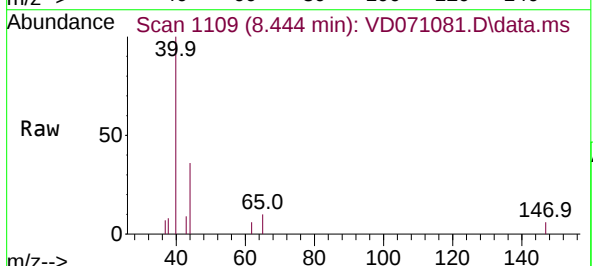
Tgt Ion: 43 Resp: 648

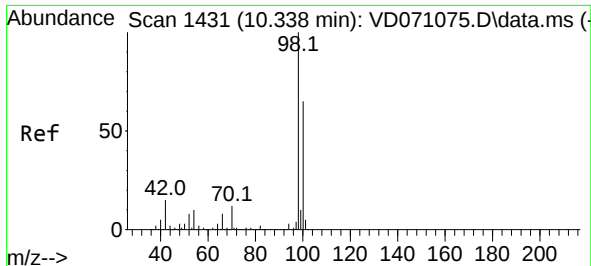
Ion Ratio Lower Upper

43 100

61 0.0 28.2 42.4#

87 0.0 10.7 16.1#

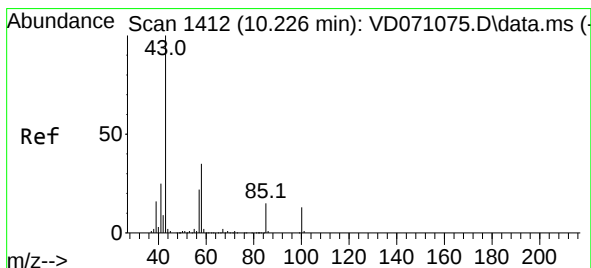
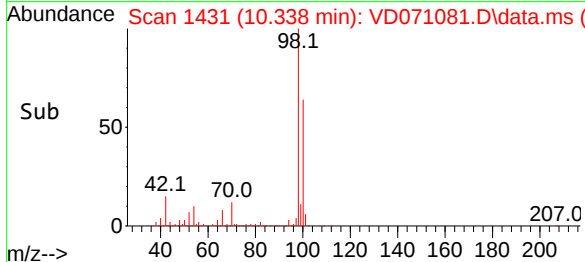
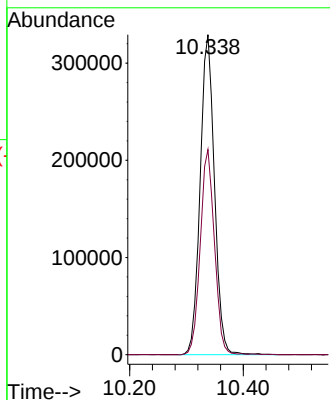
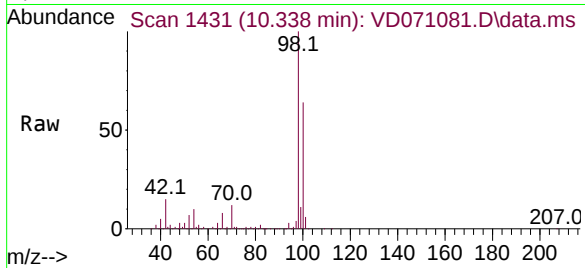




#50
Toluene-d8
Concen: 47.204 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

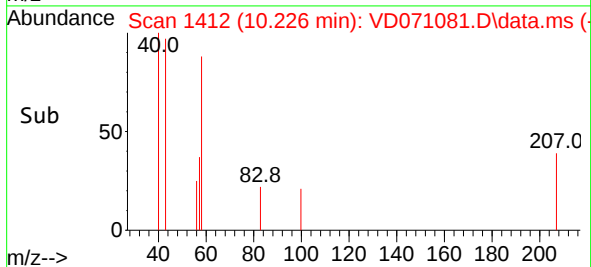
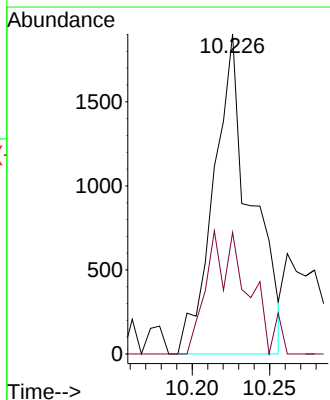
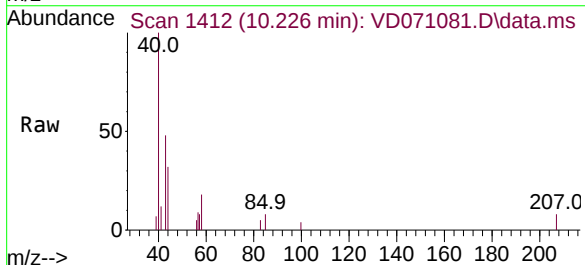
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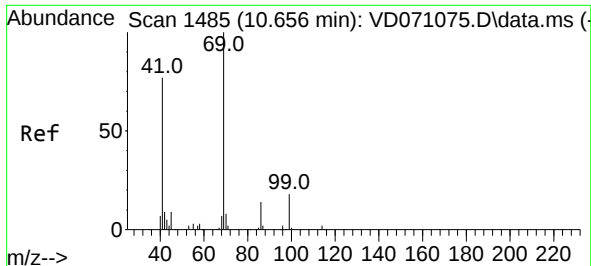
Tgt Ion: 98 Resp: 574677
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 31.877 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 41.9 33.1 49.7

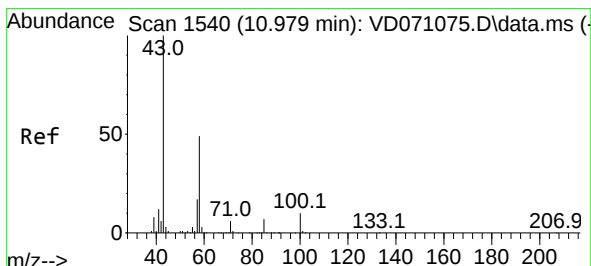
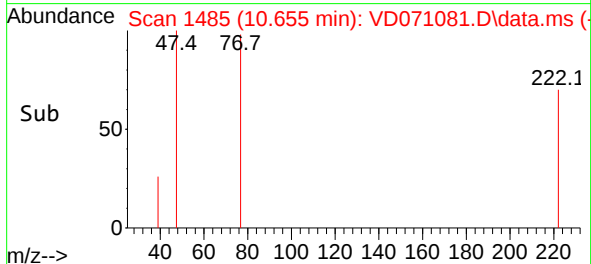
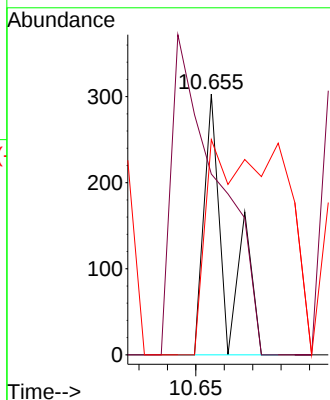
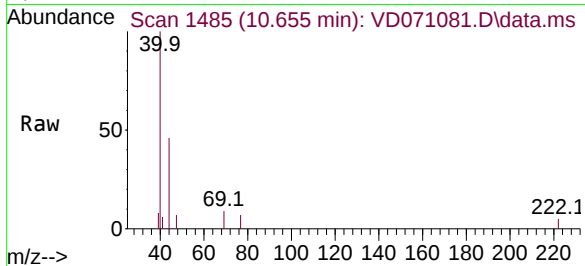




#56
Ethyl methacrylate
Concen: 6.015 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

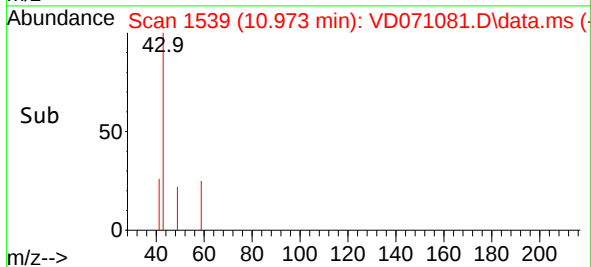
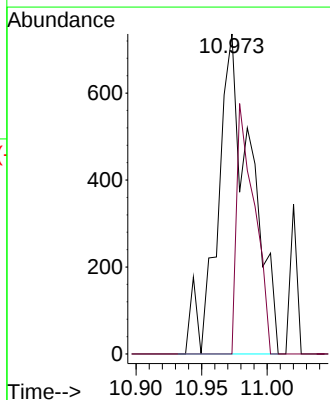
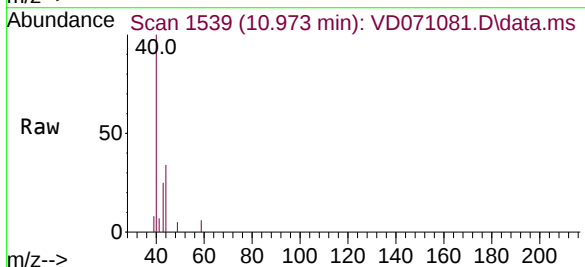
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

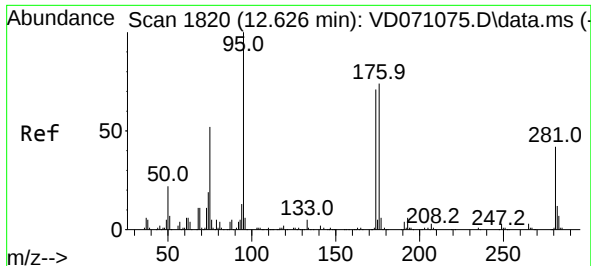
Tgt Ion: 69 Resp: 165
Ion Ratio Lower Upper
69 100
41 258.2 50.2 75.2#
39 317.6 19.8 29.8#



#59
2-Hexanone
Concen: 35.229 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
58 42.0 28.7 86.1

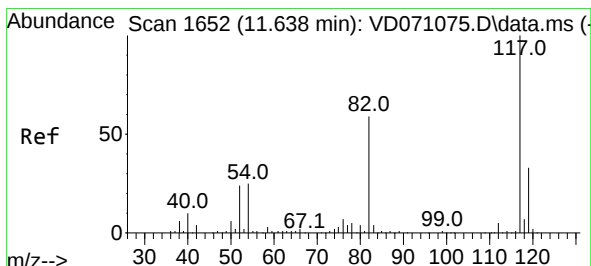
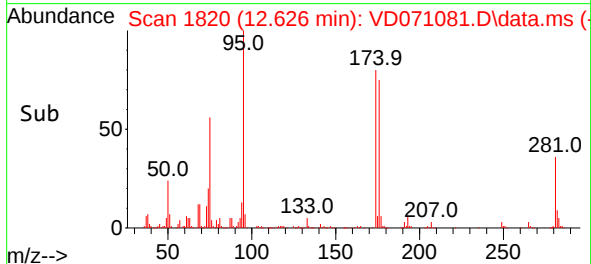
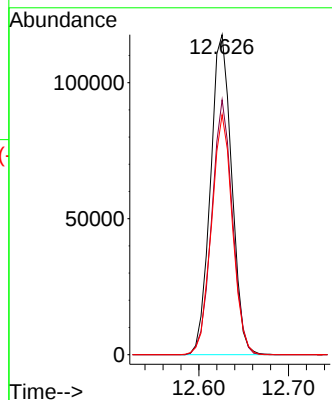
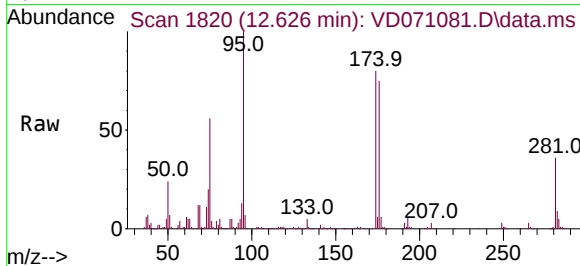




#62
4-Bromofluorobenzene
Concen: 45.881 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

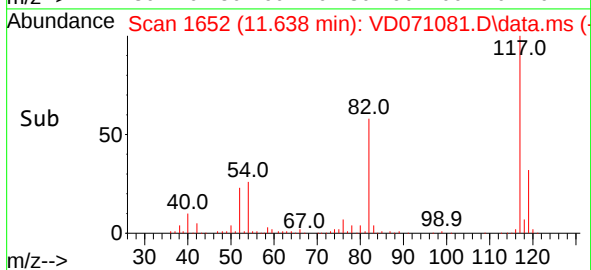
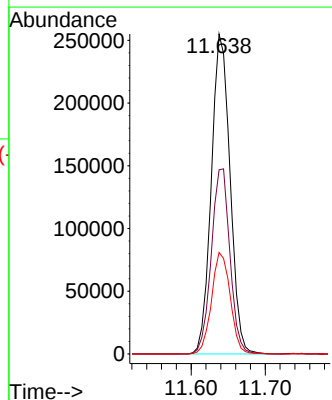
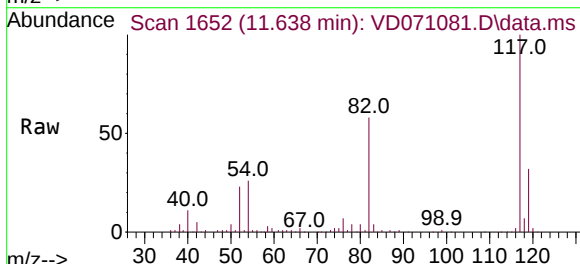
Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

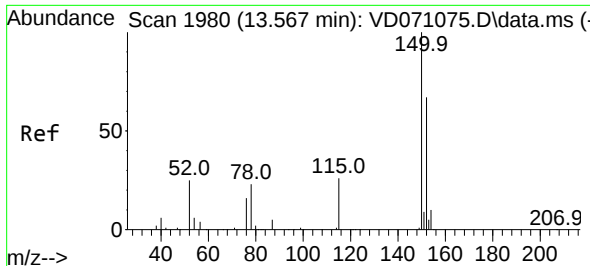
Tgt Ion: 95 Resp: 193624
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 74.0 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 117 Resp: 447738
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 31.7 26.2 39.4

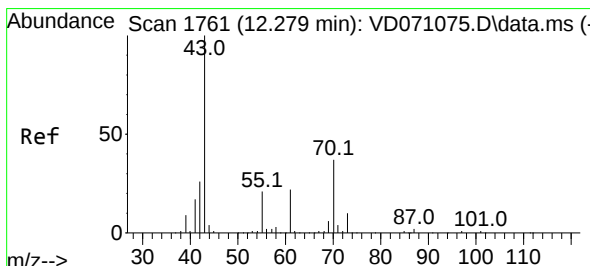
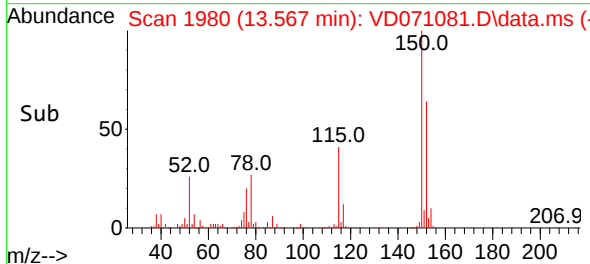
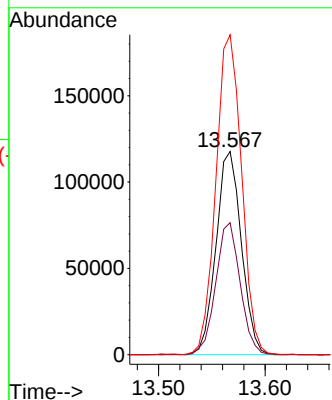
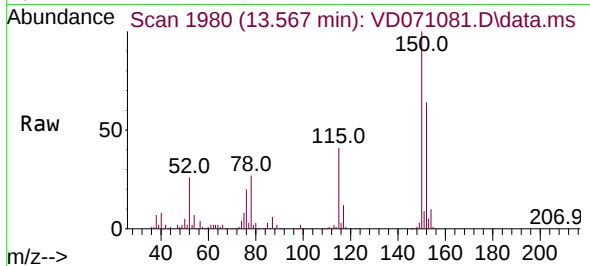




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD071081.D
 Acq: 30 Nov 2021 11:43

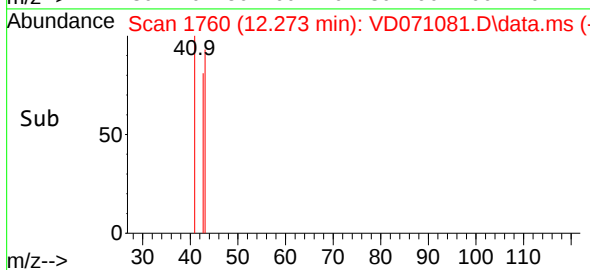
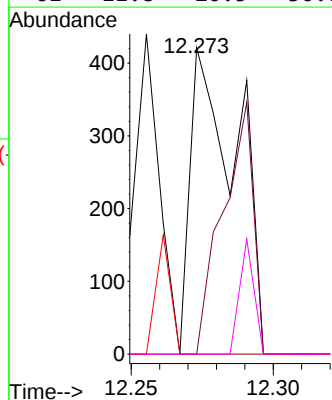
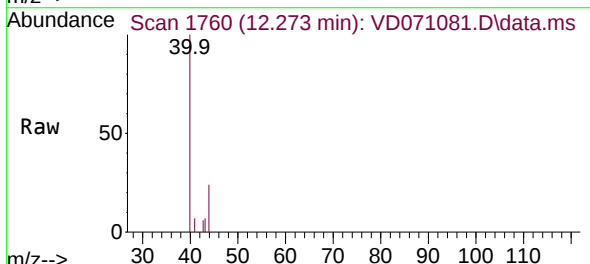
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBL01

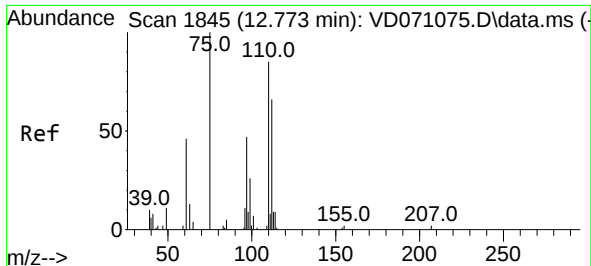
Tgt Ion:152 Resp: 194246
 Ion Ratio Lower Upper
 152 100
 115 62.6 29.8 89.3
 150 159.7 0.0 349.2



#74
 N-ethyl acetate
 Concen: 5.810 ug/l
 RT: 12.273 min Scan# 1760
 Delta R.T. -0.006 min
 Lab File: VD071081.D
 Acq: 30 Nov 2021 11:43

Tgt Ion: 43 Resp: 475
 Ion Ratio Lower Upper
 43 100
 70 54.1 36.6 55.0
 55 0.0 22.5 33.7#
 61 11.8 20.5 30.7#

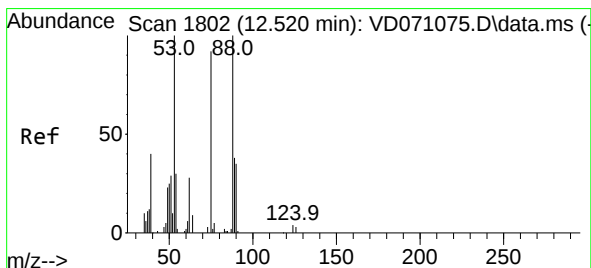
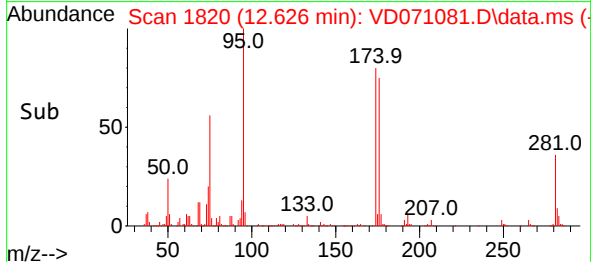
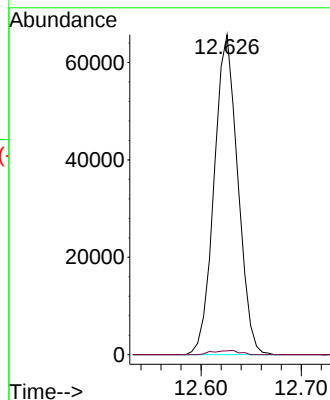
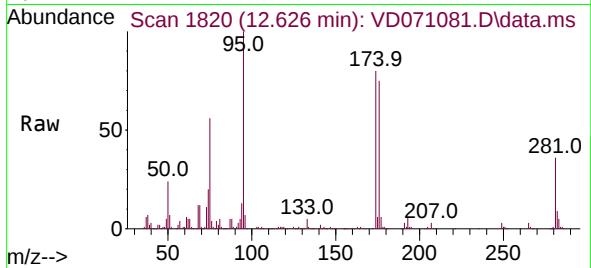




#76
1,2,3-Trichloropropane
Concen: 58.226 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
VD1130SBL01

Tgt Ion: 75 Resp: 107758
Ion Ratio Lower Upper
75 100
77 1.5 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071081.D
Acq: 30 Nov 2021 11:43

Tgt Ion: 75 Resp: 107758
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 34.5 51.7#

