

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071243.D
 Acq On : 10 Dec 2021 11:18
 Operator : VA/SY
 Sample : VD1210SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 15:22:56 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)

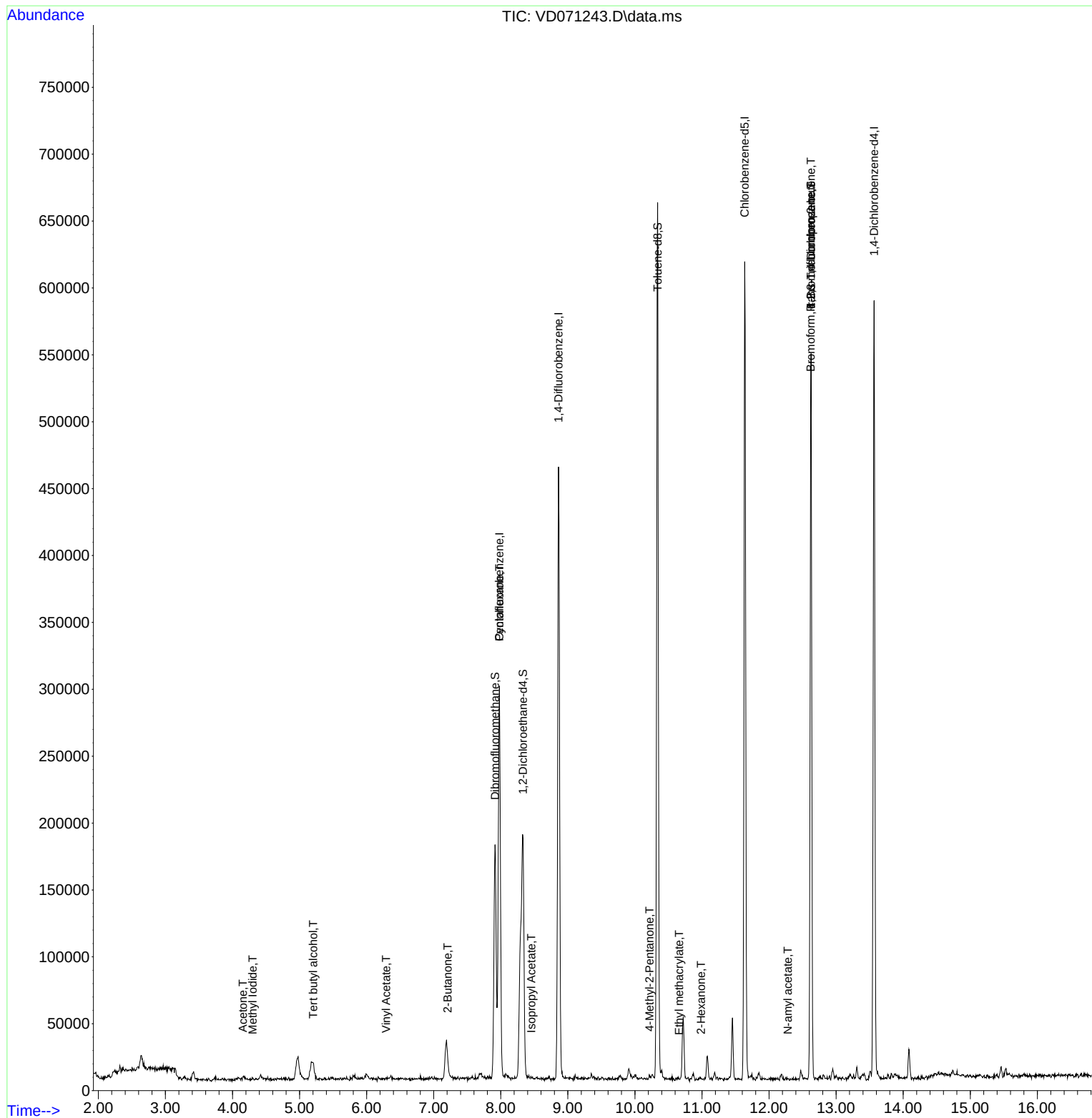
Internal Standards						
1) Pentafluorobenzene	7.979	168	198895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	353241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	320209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	145697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	138650	59.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.820%			
35) Dibromofluoromethane	7.914	113	122900	54.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.280%			
50) Toluene-d8	10.337	98	412773	48.220	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.626	95	146060	49.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.440%			
Target Compounds					Qvalue	
10) Methyl Iodide	4.302	142	159	4.623	ug/l #	86
11) Tert butyl alcohol	5.202	59	13875	9.698	ug/l #	71
16) Acetone	4.155	43	4298	36.877	ug/l #	84
20) Methylene Chloride	4.961	84	6626	Below Cal	#	84
23) Vinyl Acetate	6.291	43	168	27.258	ug/l #	72
25) 2-Butanone	7.208	43	2085	30.942	ug/l #	45
31) Cyclohexane	7.979	56	7000	1.763	ug/l #	13
41) Methacrylonitrile	7.514	41	58	Below Cal	#	12
43) Isopropyl Acetate	8.455	43	270	5.300	ug/l #	47
51) 4-Methyl-2-Pentanone	10.220	43	1938	31.709	ug/l #	56
56) Ethyl methacrylate	10.661	69	60	5.993	ug/l #	58
59) 2-Hexanone	10.984	43	522	34.945	ug/l #	38
71) Bromoform	12.620	173	1169	1.040	ug/l #	1
74) N-amyl acetate	12.279	43	440	5.836	ug/l #	50
76) 1,2,3-Trichloropropane	12.626	75	84179	60.642	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	84179	131.232	ug/l #	18

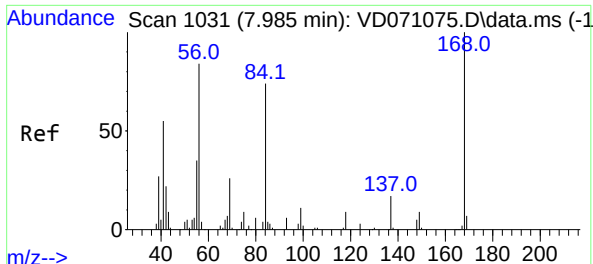
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
Data File : VD071243.D
Acq On : 10 Dec 2021 11:18
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

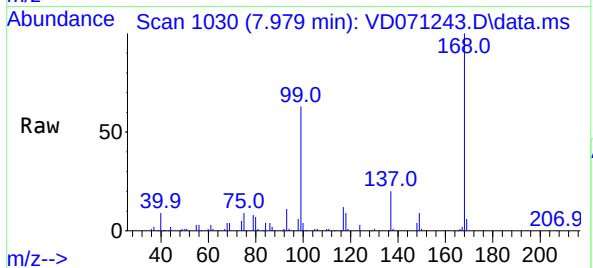
Quant Time: Dec 10 15:22:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



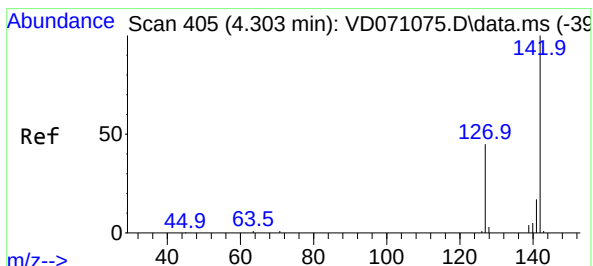
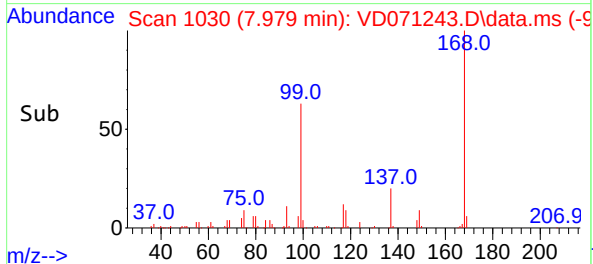
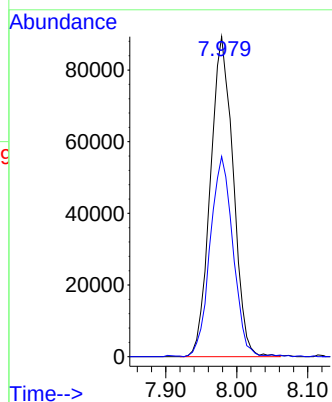


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :

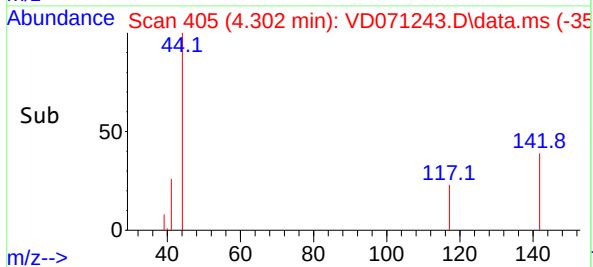
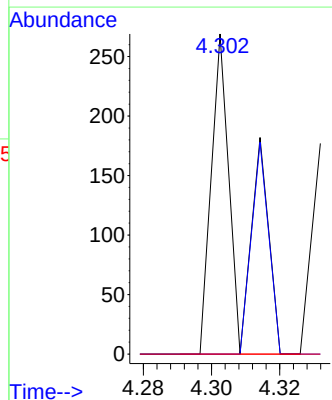
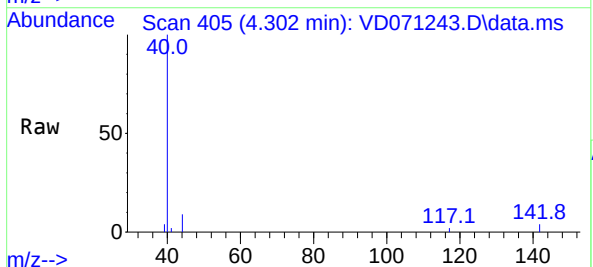


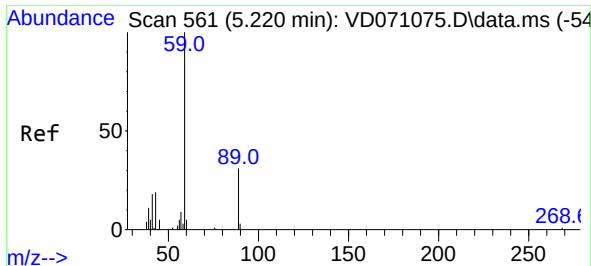
Tgt Ion:168 Resp: 198895
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.623 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion:142 Resp: 159
Ion Ratio Lower Upper
142 100
127 39.6 35.0 52.4
141 0.0 12.0 18.0#





#11

Tert butyl alcohol

Concen: 9.698 ug/l

RT: 5.202 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD071243.D

Acq: 10 Dec 2021 11:18

Instrument :

MSVOA_D

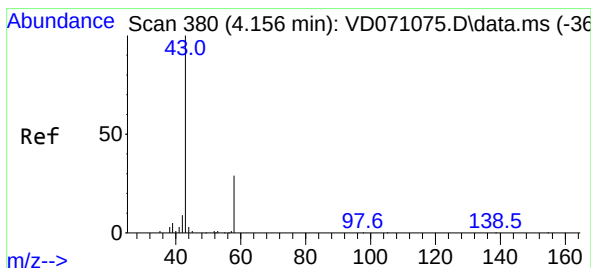
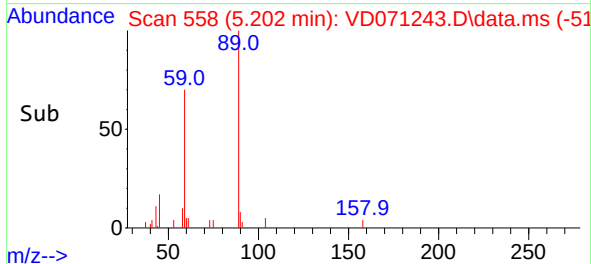
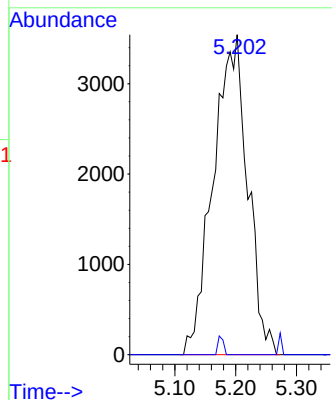
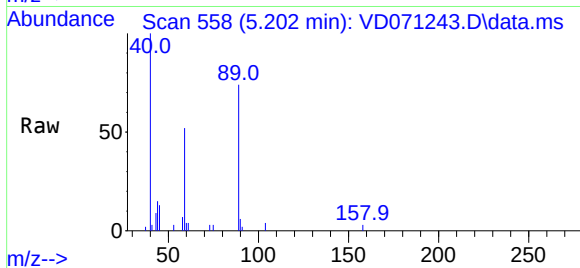
ClientSampleId :

Tgt Ion: 59 Resp: 13875

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#16

Acetone

Concen: 36.877 ug/l

RT: 4.155 min Scan# 380

Delta R.T. -0.001 min

Lab File: VD071243.D

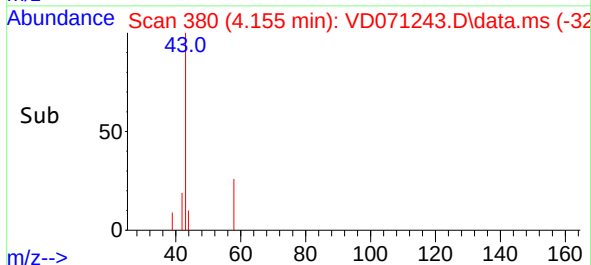
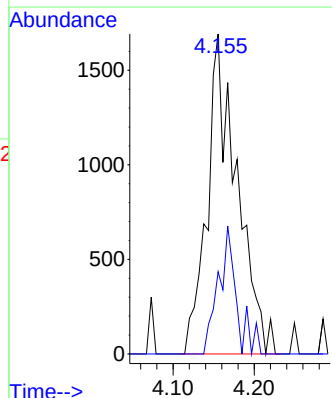
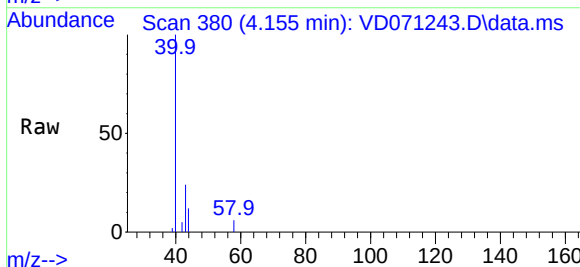
Acq: 10 Dec 2021 11:18

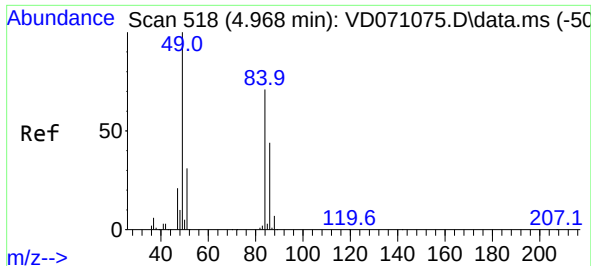
Tgt Ion: 43 Resp: 4298

Ion Ratio Lower Upper

43 100

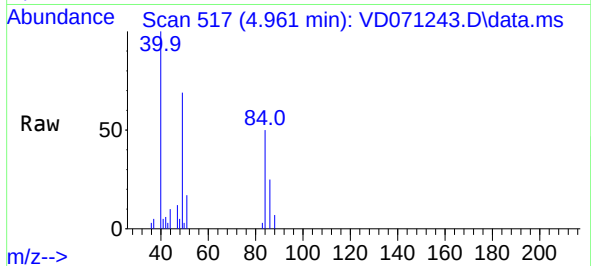
58 25.7 27.8 41.8#



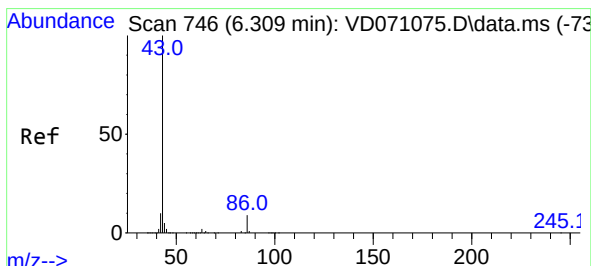
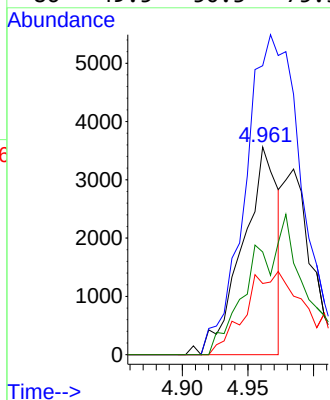
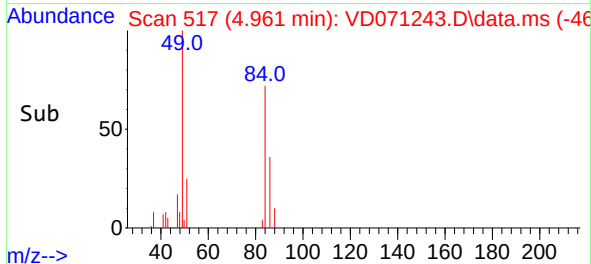


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 518
Delta R.T. -0.007 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :

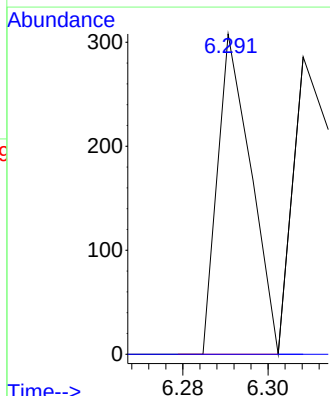
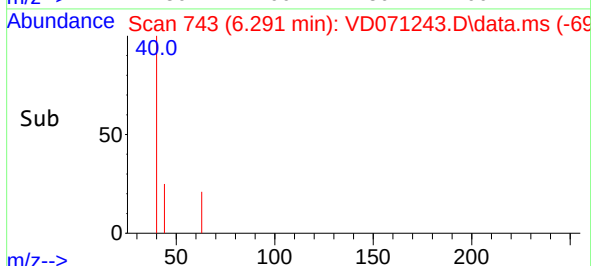
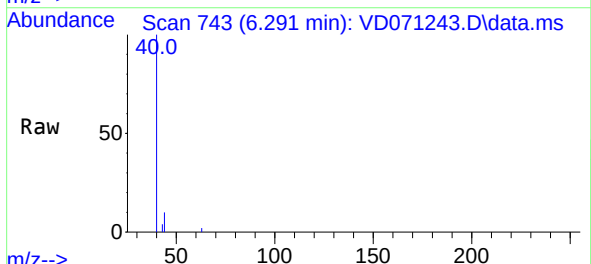


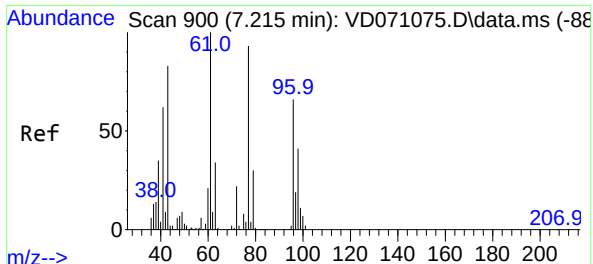
Tgt Ion: 84 Resp: 6626
Ion Ratio Lower Upper
84 100
49 139.1 95.8 143.6
51 34.3 30.9 46.3
86 49.5 50.3 75.5#



#23
Vinyl Acetate
Concen: 27.258 ug/l
RT: 6.291 min Scan# 743
Delta R.T. -0.018 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#





#25

2-Butanone

Concen: 30.942 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

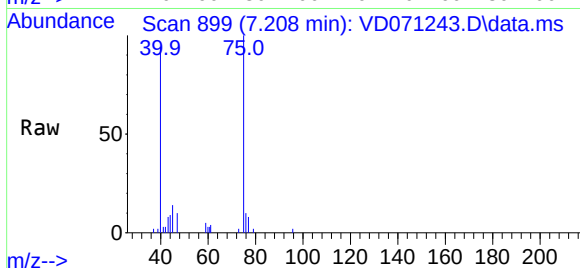
Lab File: VD071243.D

Acq: 10 Dec 2021 11:18

Instrument :

MSVOA_D

ClientSampleId :

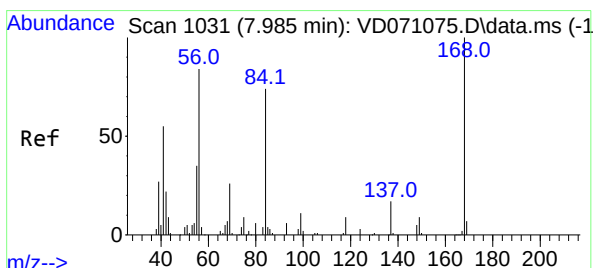
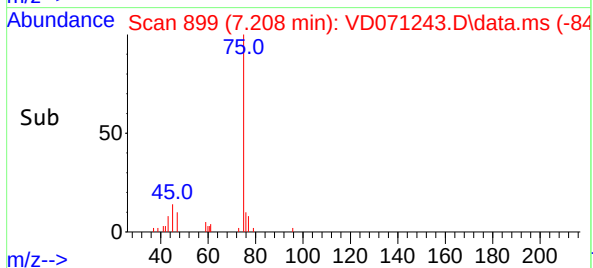
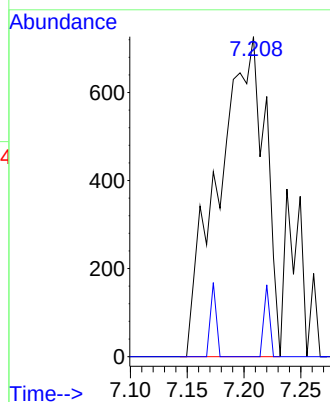


Tgt Ion: 43 Resp: 2085

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#31

Cyclohexane

Concen: 1.763 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071243.D

Acq: 10 Dec 2021 11:18

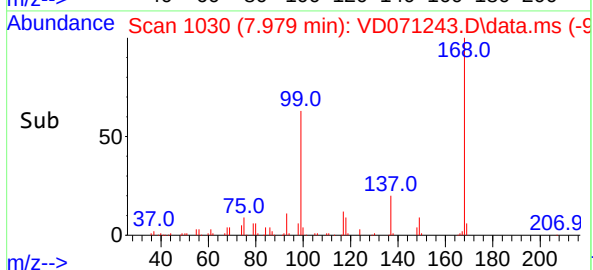
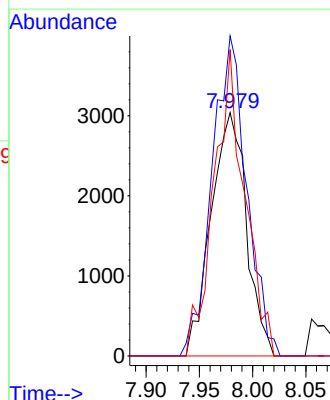
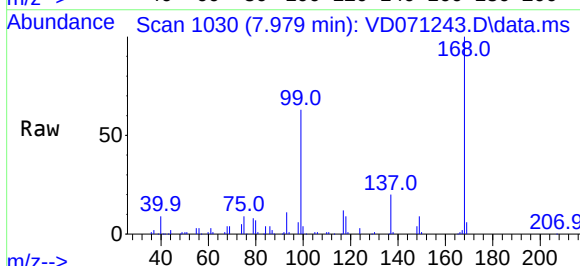
Tgt Ion: 56 Resp: 7000

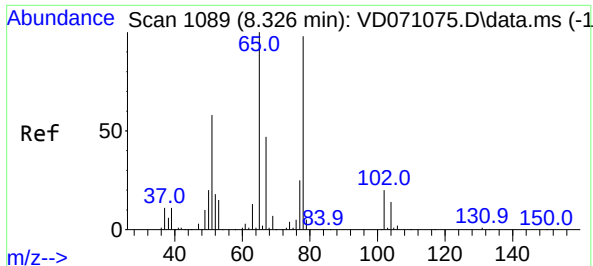
Ion Ratio Lower Upper

56 100

69 131.5 25.9 38.9#

84 125.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 59.409 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071243.D

Acq: 10 Dec 2021 11:18

Instrument :

MSVOA_D

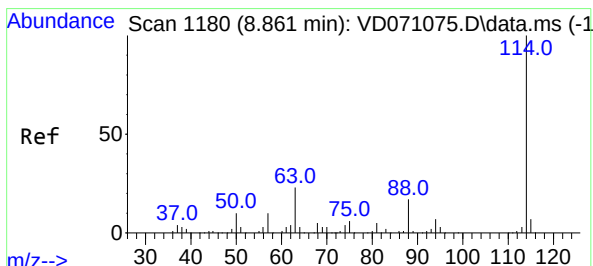
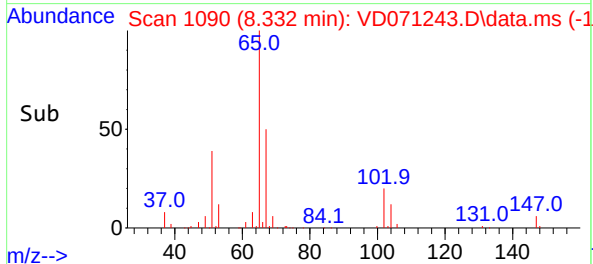
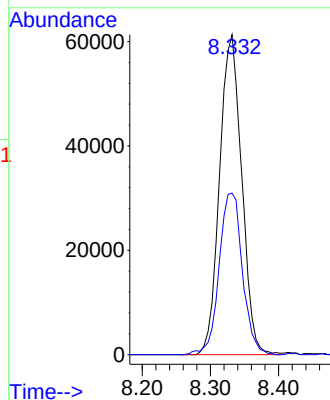
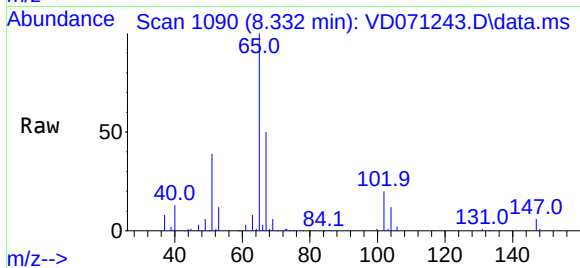
ClientSampleId :

Tgt Ion: 65 Resp: 138650

Ion Ratio Lower Upper

65 100

67 53.1 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: VD071243.D

Acq: 10 Dec 2021 11:18

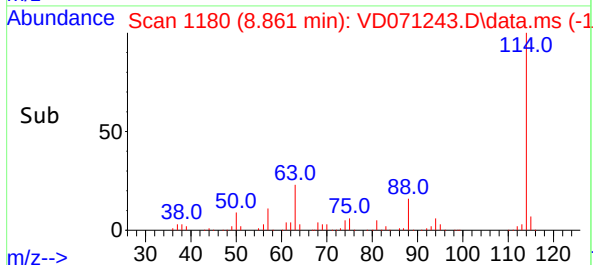
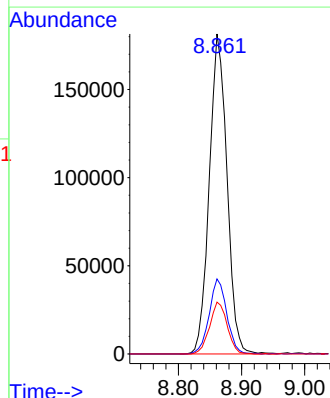
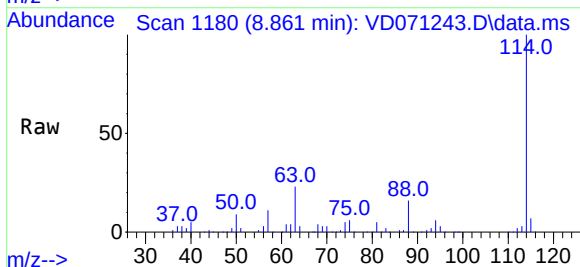
Tgt Ion: 114 Resp: 353241

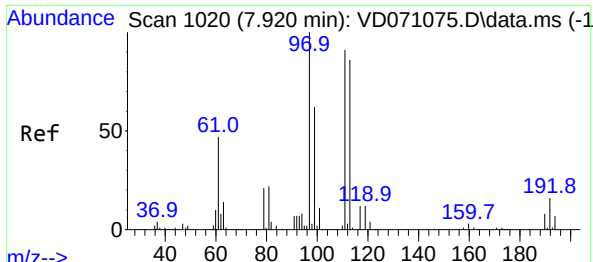
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

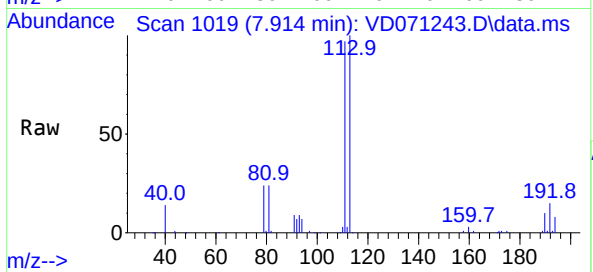
88 16.2 0.0 32.8



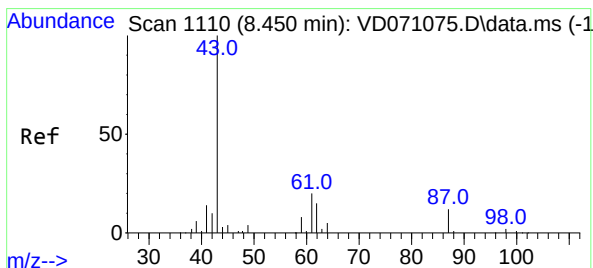
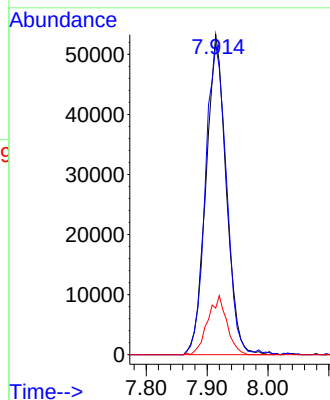
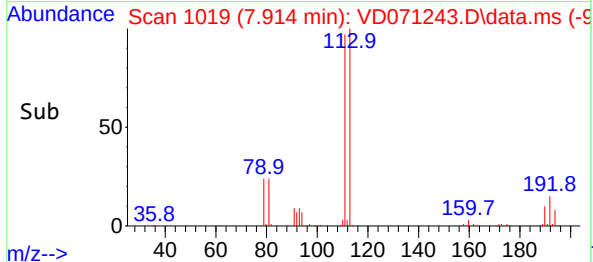


#35
Dibromofluoromethane
Concen: 54.637 ug/l
RT: 7.914 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :

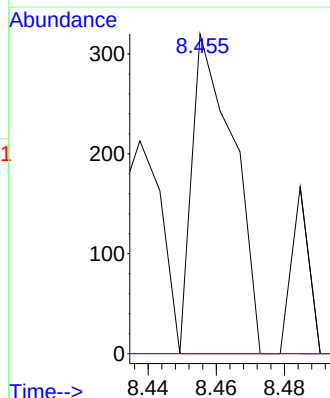
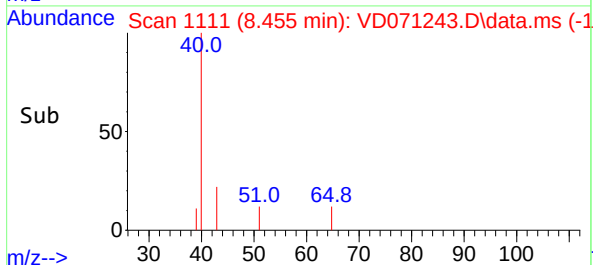
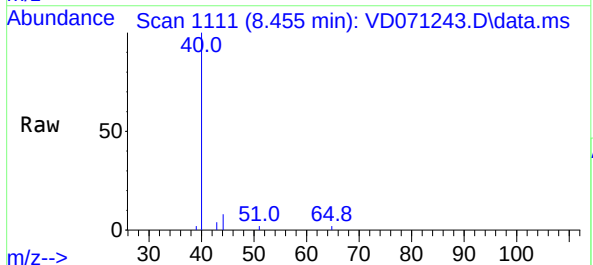


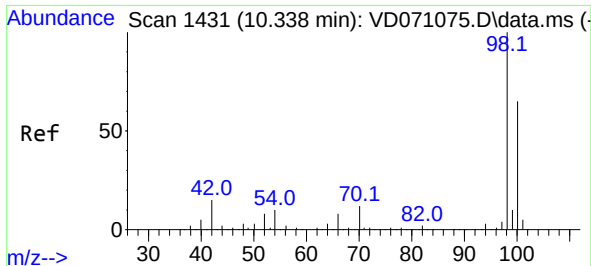
Tgt Ion:113 Resp: 122900
Ion Ratio Lower Upper
113 100
111 100.3 82.0 123.0
192 17.4 15.2 22.8



#43
Isopropyl Acetate
Concen: 5.300 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

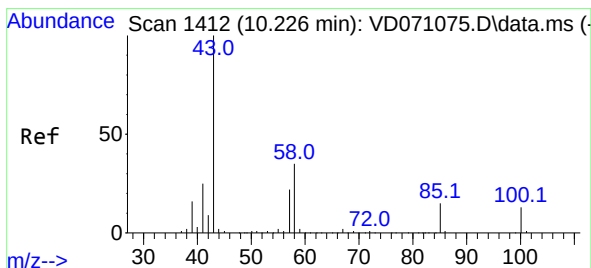
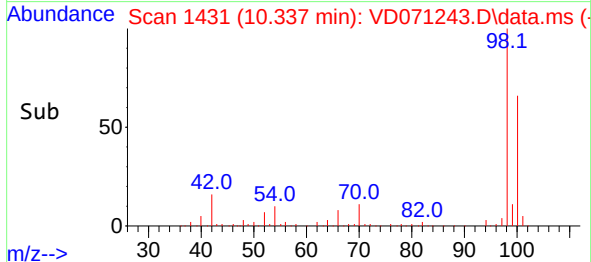
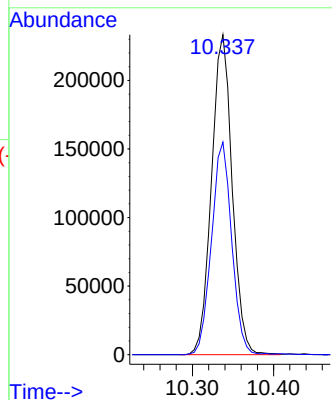
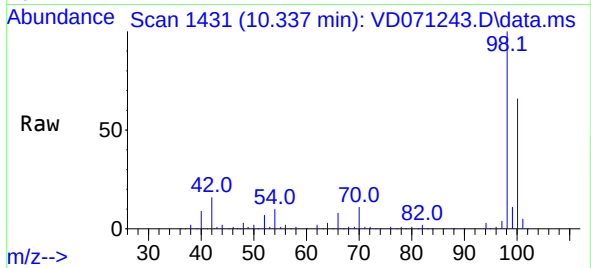




#50
Toluene-d8
Concen: 48.220 ug/l
RT: 10.337 min Scan# 1411
Delta R.T. -0.001 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

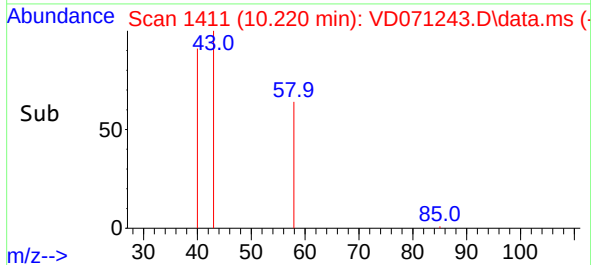
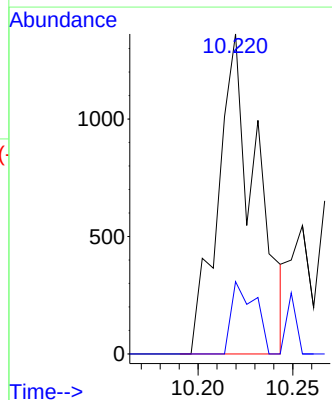
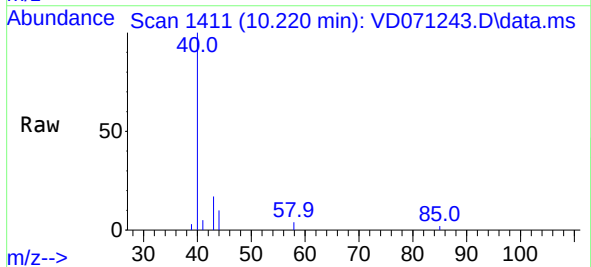
Instrument :
MSVOA_D
ClientSampleId :

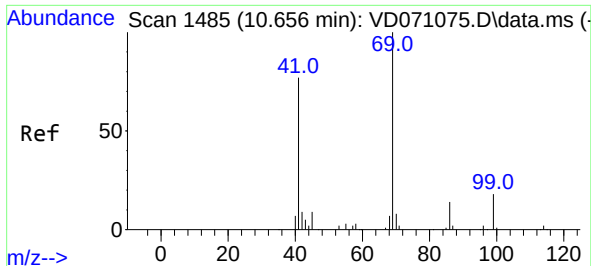
Tgt Ion: 98 Resp: 412773
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 31.709 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 43 Resp: 1938
Ion Ratio Lower Upper
43 100
58 13.8 33.1 49.7#

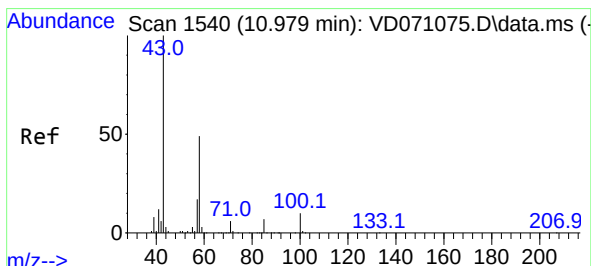
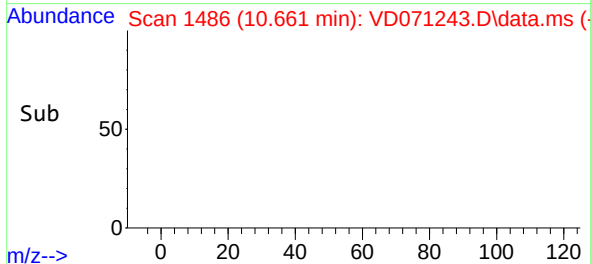
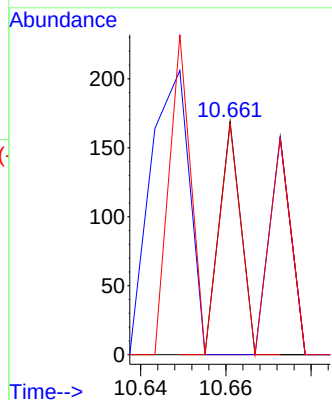
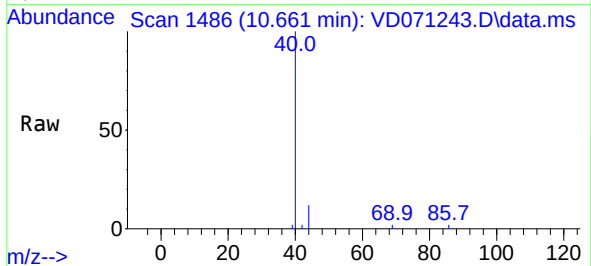




#56
Ethyl methacrylate
Concen: 5.993 ug/l
RT: 10.661 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

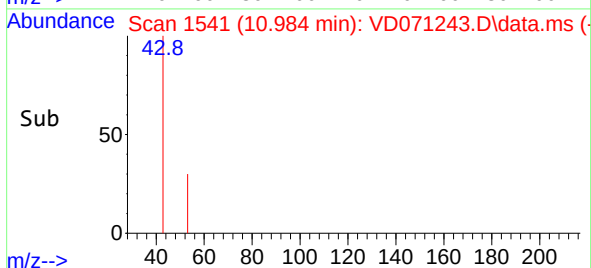
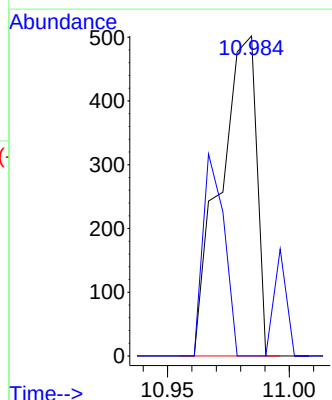
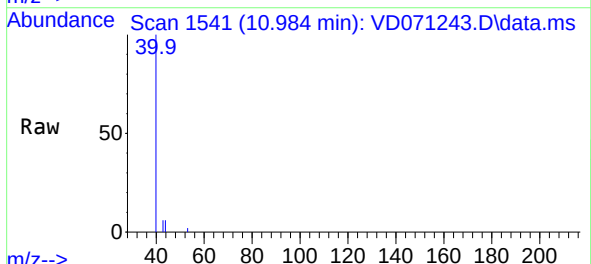
Instrument :
MSVOA_D
ClientSampleId :

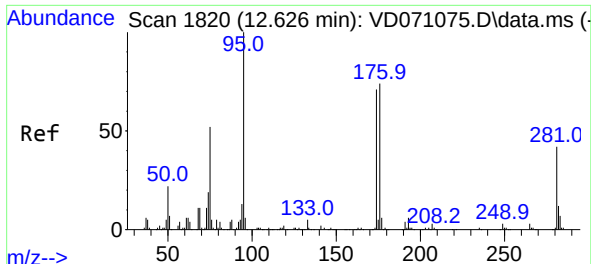
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 93.3 50.2 75.2#
39 0.0 19.8 29.8#



#59
2-Hexanone
Concen: 34.945 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.005 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 11.3 28.7 86.1#

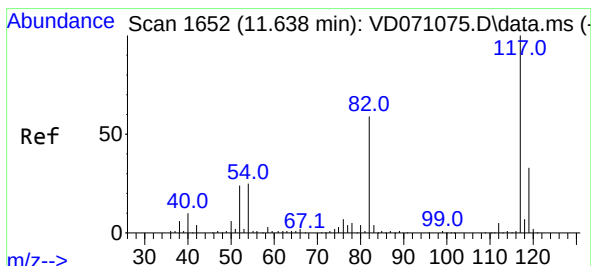
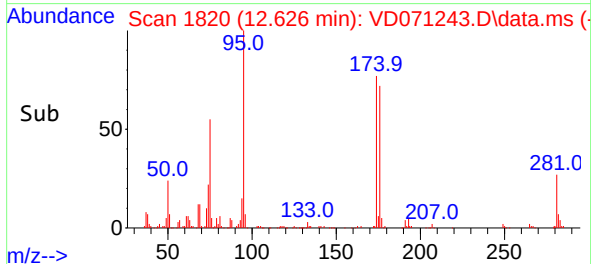
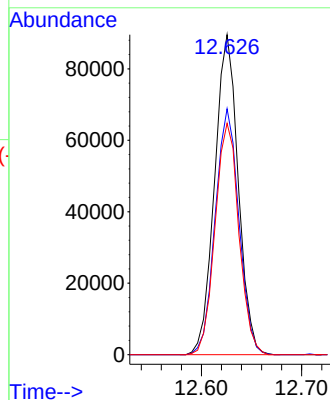
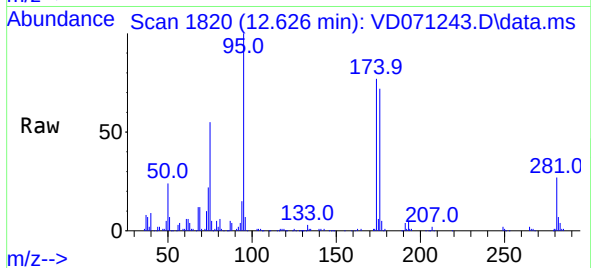




#62
4-Bromofluorobenzene
Concen: 49.224 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

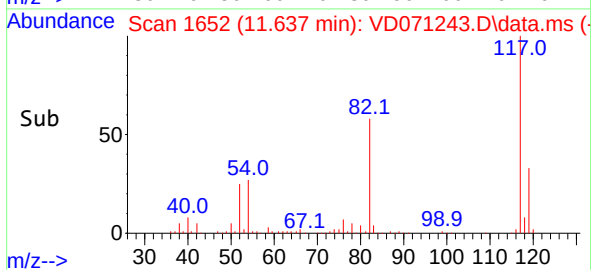
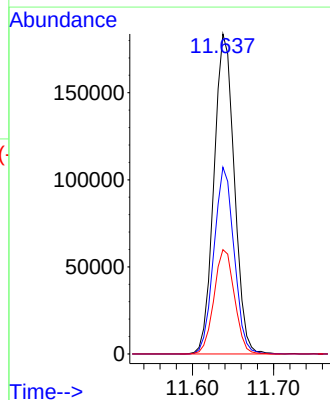
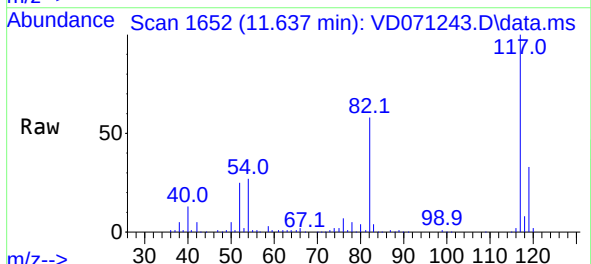
Instrument :
MSVOA_D
ClientSampleId :

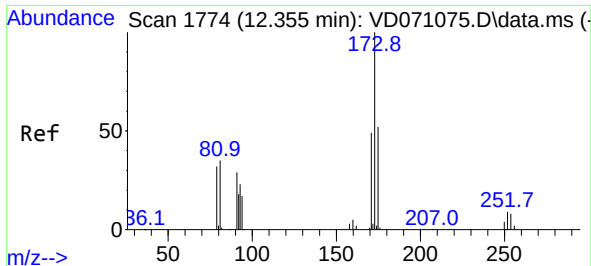
Tgt Ion: 95 Resp: 146060
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 117 Resp: 320209
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.6 26.2 39.4

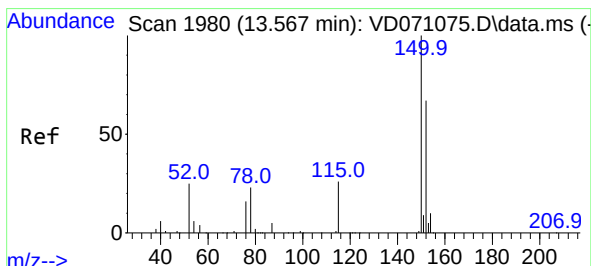
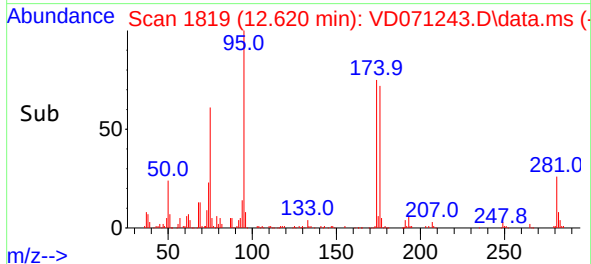
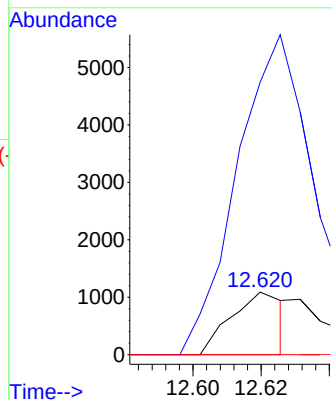
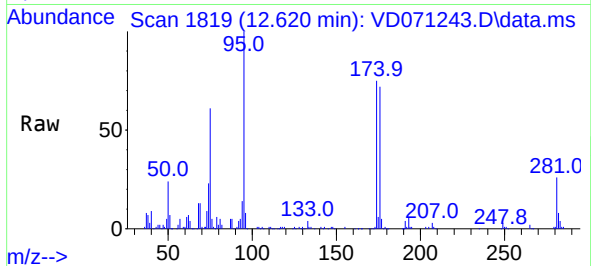




#71
Bromoform
Concen: 1.040 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

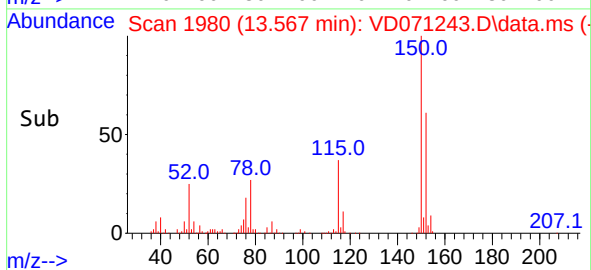
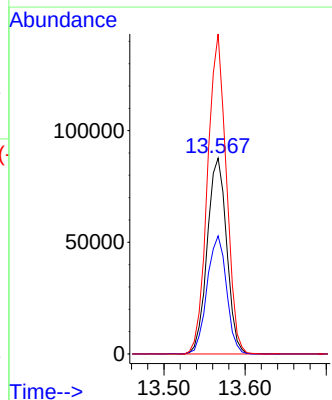
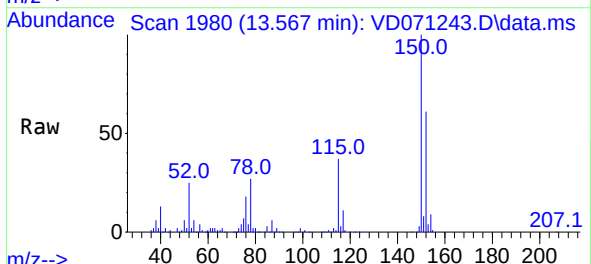
Instrument :
MSVOA_D
ClientSampleId :

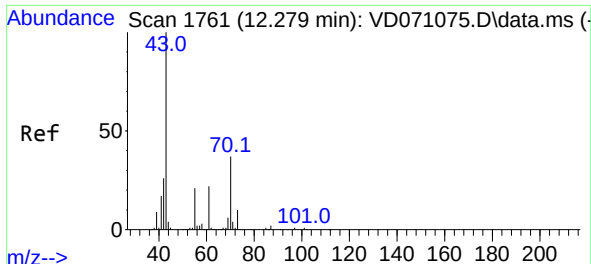
Tgt Ion:173 Resp: 1169
Ion Ratio Lower Upper
173 100
175 618.6 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

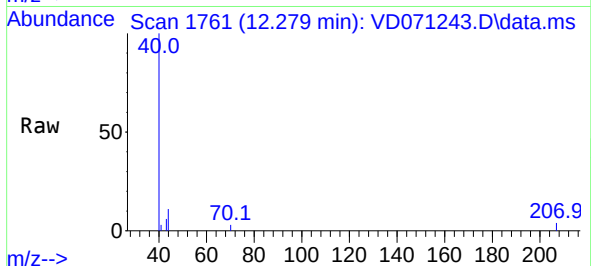
Tgt Ion:152 Resp: 145697
Ion Ratio Lower Upper
152 100
115 60.3 29.8 89.3
150 157.8 0.0 349.2





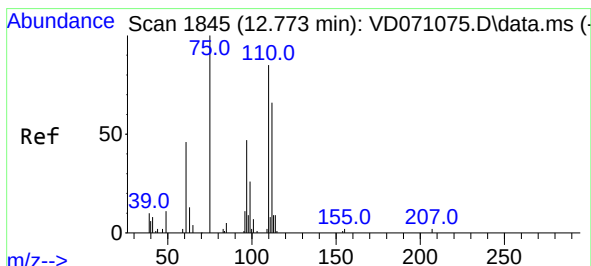
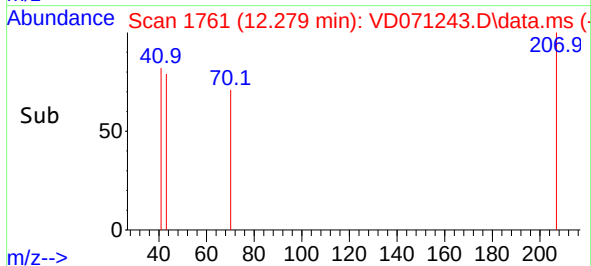
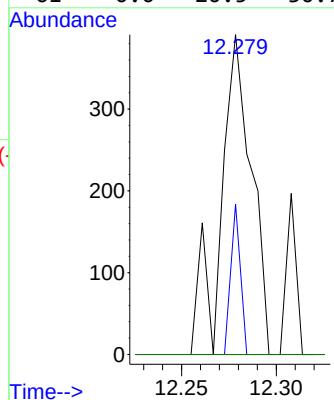
#74
N-amy1 acetate
Concen: 5.836 ug/l
RT: 12.279 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 440

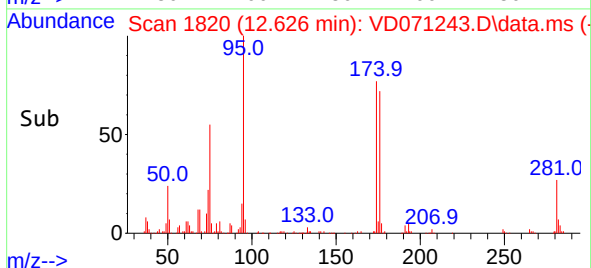
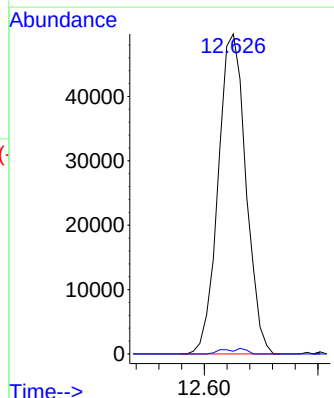
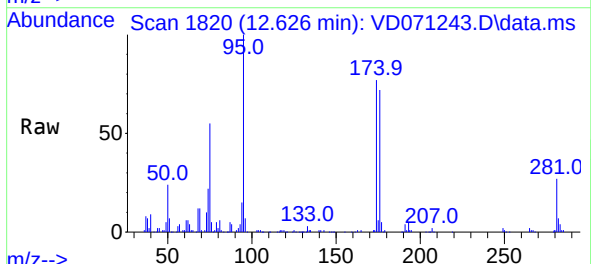
Ion	Ratio	Lower	Upper
43	100		
70	14.8	36.6	55.0#
55	0.0	22.5	33.7#
61	0.0	20.5	30.7#

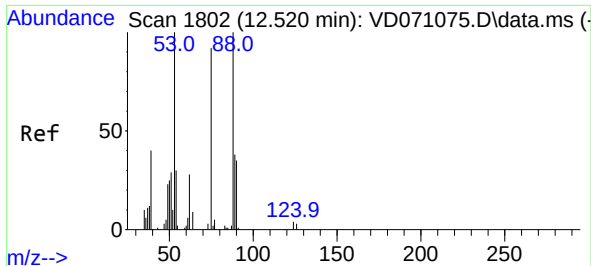


#76
1,2,3-Trichloropropane
Concen: 60.642 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Tgt Ion: 75 Resp: 84179

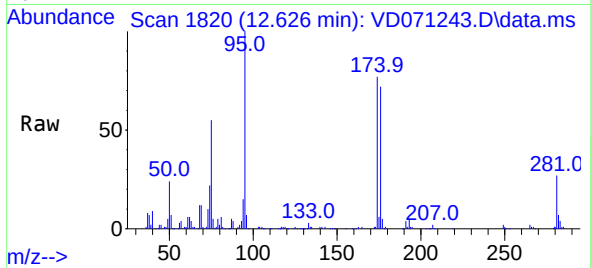
Ion	Ratio	Lower	Upper
75	100		
77	0.8	158.4	475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.232 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071243.D
Acq: 10 Dec 2021 11:18

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 84179
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.1 34.5 51.7#

