

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071259.D
 Acq On : 10 Dec 2021 18:43
 Operator : VA/SY
 Sample : M5018-29
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 04:42:27 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)

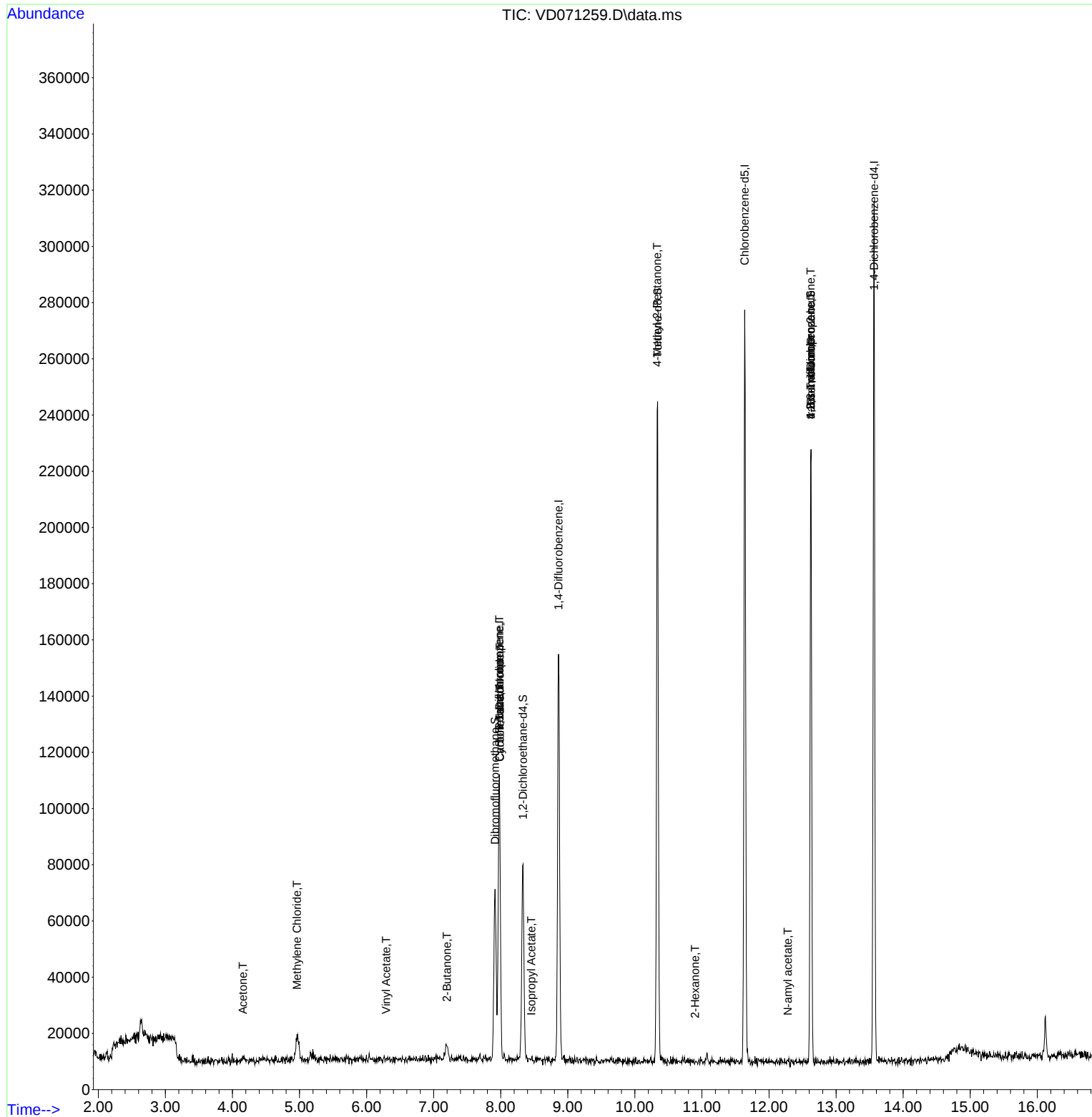
Internal Standards						
1) Pentafluorobenzene	7.979	168	68232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	119604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	138934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	71751	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	55179	68.92	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.84%			
35) Dibromofluoromethane	7.914	113	43657	57.32	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.64%			
50) Toluene-d8	10.338	98	152906	52.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.52%			
62) 4-Bromofluorobenzene	12.620	95	69698	69.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 138.74%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.185	59	1252	Below Cal	#	87
16) Acetone	4.156	43	2633	41.66	ug/l #	40
20) Methylene Chloride	4.962	84	6464	4.17	ug/l #	84
23) Vinyl Acetate	6.291	43	56	27.26	ug/l #	72
25) 2-Butanone	7.197	43	456	30.01	ug/l #	45
31) Cyclohexane	7.985	56	2346	1.72	ug/l #	57
36) 1,1-Dichloropropene	7.979	75	6394	5.72	ug/l #	47
38) Carbon Tetrachloride	7.985	117	8206	7.45	ug/l #	16
41) Methacrylonitrile	7.632	41	124	Below Cal	#	12
43) Isopropyl Acetate	8.456	43	130	5.33	ug/l #	68
51) 4-Methyl-2-Pentanone	10.332	43	1212	32.60	ug/l #	1
59) 2-Hexanone	10.897	43	72	34.73	ug/l #	22
71) Bromoform	12.626	173	839	1.72	ug/l #	1
74) N-amyl acetate	12.279	43	57	5.74	ug/l #	40
76) 1,2,3-Trichloropropane	12.620	75	38840	56.82	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	38840	123.32	ug/l #	18

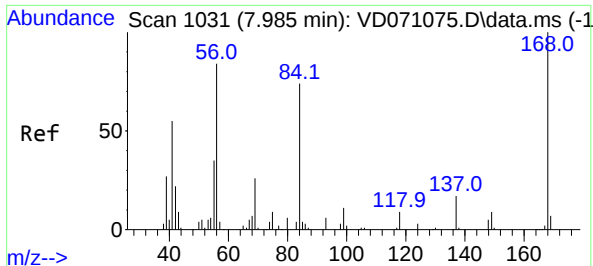
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
Data File : VD071259.D
Acq On : 10 Dec 2021 18:43
Operator : VA/SY
Sample : M5018-29
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 11 04:42:27 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

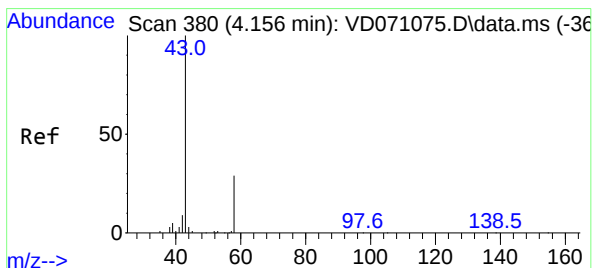
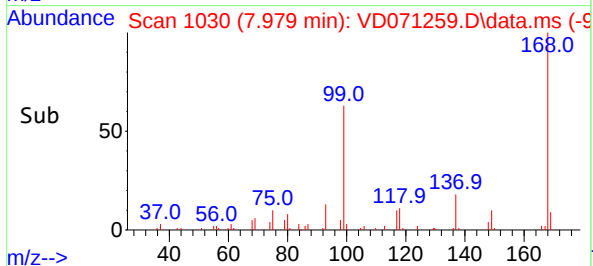
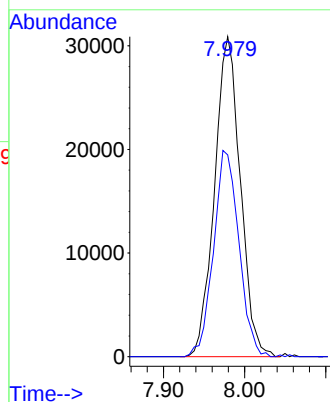
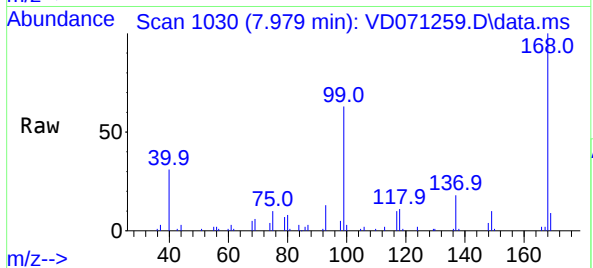




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

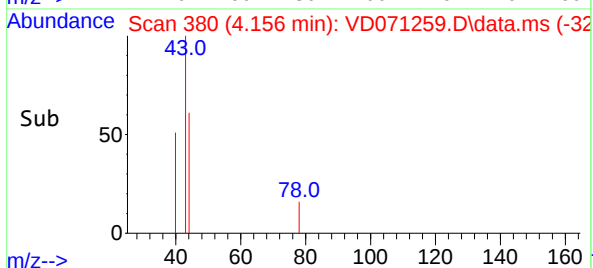
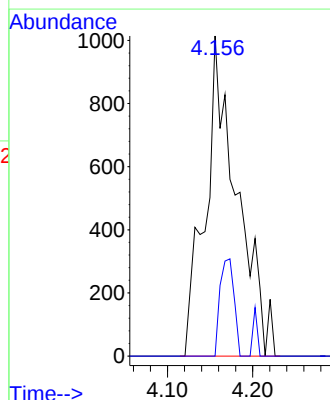
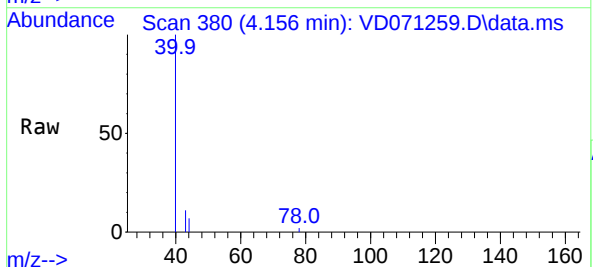
Instrument :
MSVOA_D
ClientSampleId :

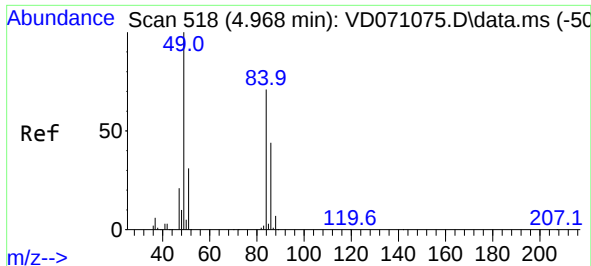
Tgt Ion:168 Resp: 68232
Ion Ratio Lower Upper
168 100
99 63.1 46.6 69.8



#16
Acetone
Concen: 41.66 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

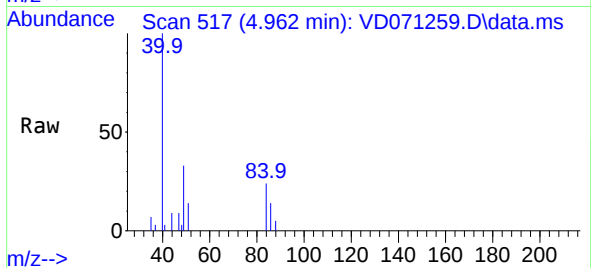
Tgt Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



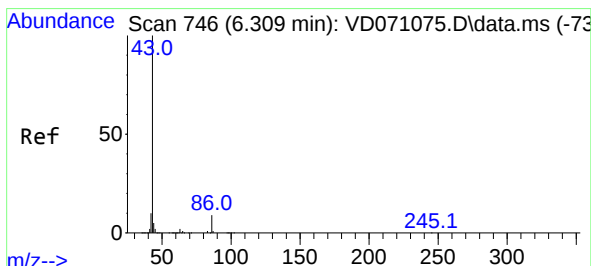
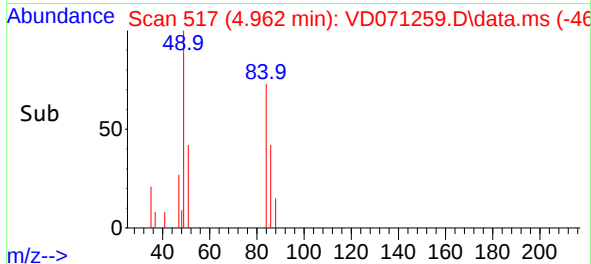
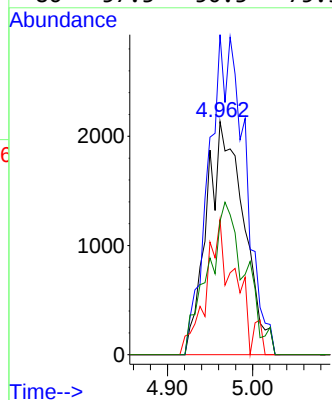


#20
Methylene Chloride
Concen: 4.17 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :

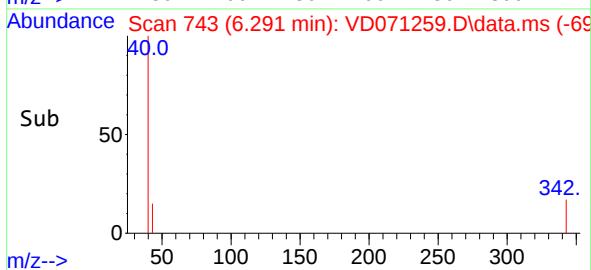
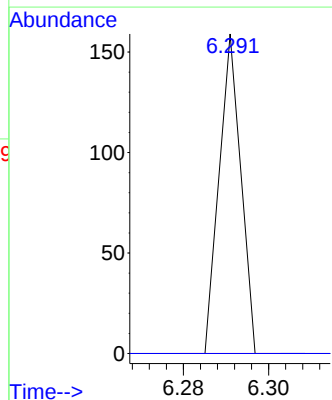
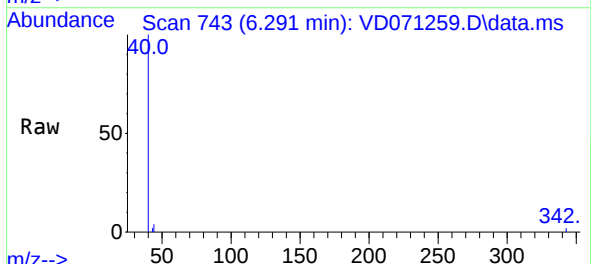


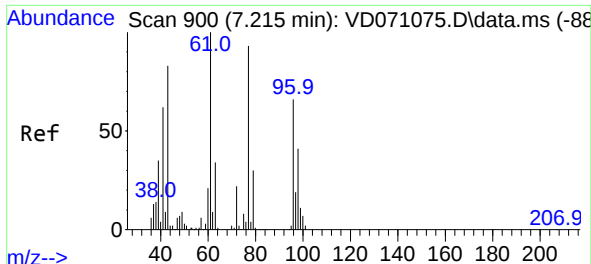
Tgt Ion: 84 Resp: 6464
Ion Ratio Lower Upper
84 100
49 137.3 95.8 143.6
51 58.0 30.9 46.3#
86 57.3 50.3 75.5



#23
Vinyl Acetate
Concen: 27.26 ug/l
RT: 6.291 min Scan# 743
Delta R.T. -0.018 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

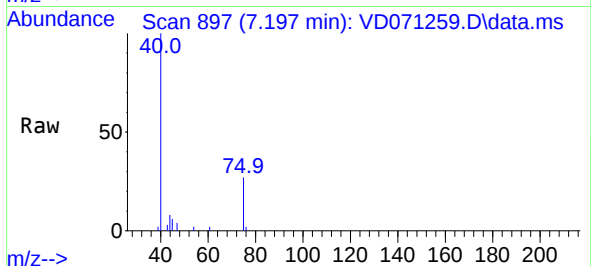
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



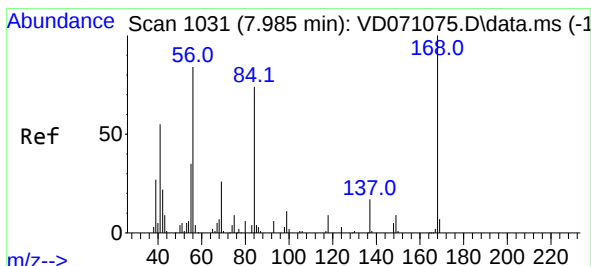
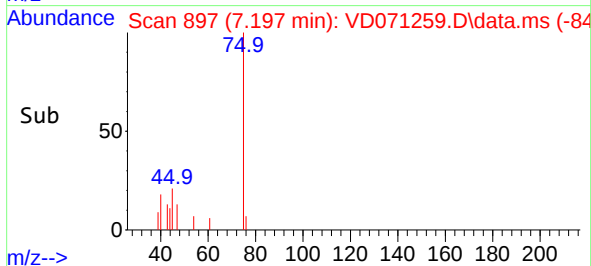
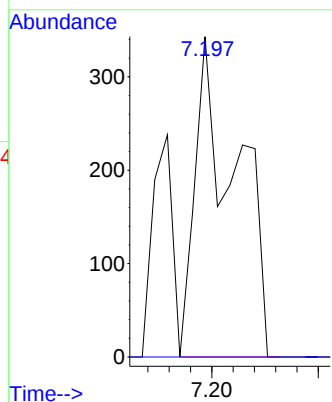


#25
2-Butanone
Concen: 30.01 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :

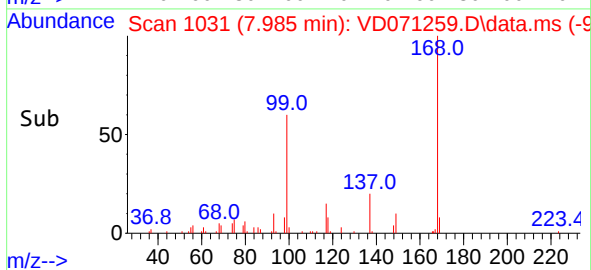
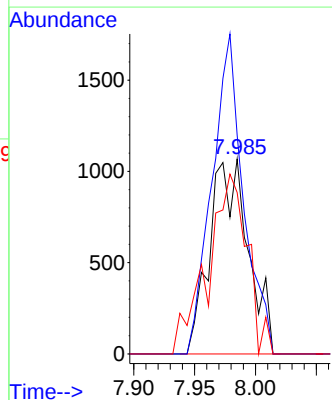
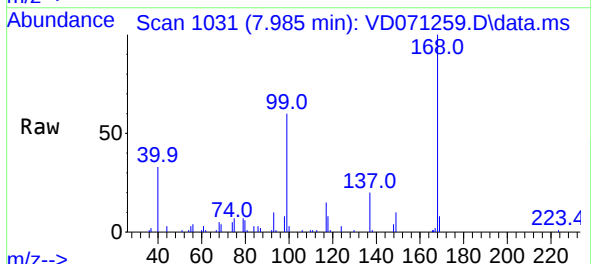


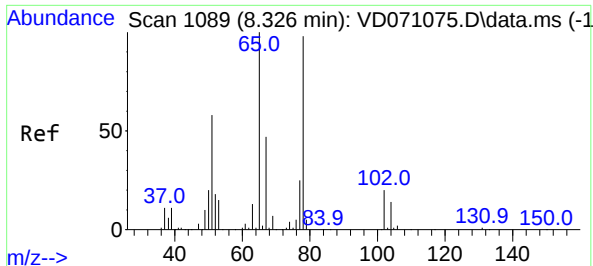
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.72 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 112.2 25.9 38.9#
84 82.8 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 68.92 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071259.D

Acq: 10 Dec 2021 18:43

Instrument :

MSVOA_D

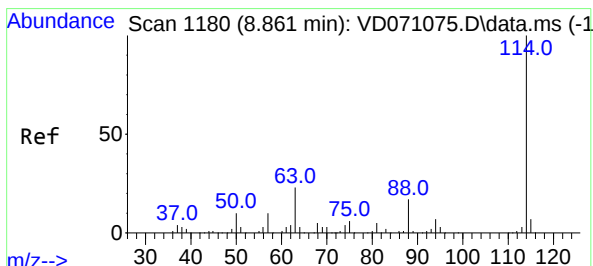
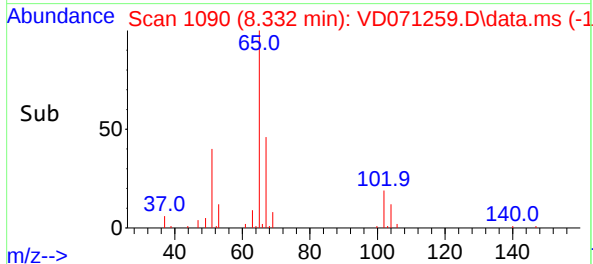
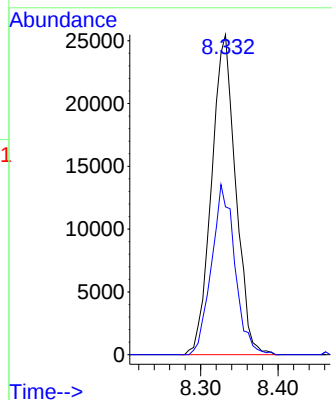
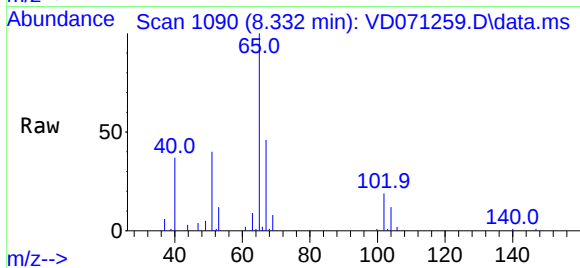
ClientSampleId :

Tgt Ion: 65 Resp: 55179

Ion Ratio Lower Upper

65 100

67 51.5 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071259.D

Acq: 10 Dec 2021 18:43

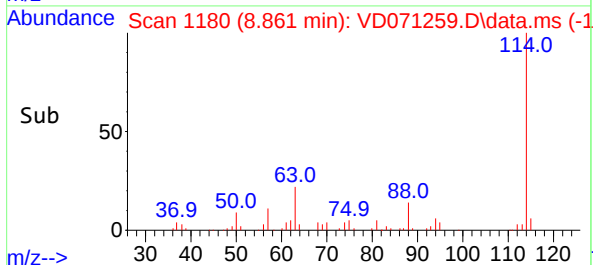
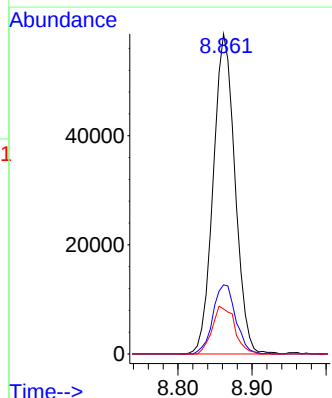
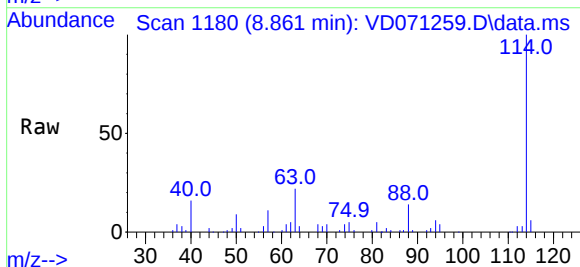
Tgt Ion: 114 Resp: 119604

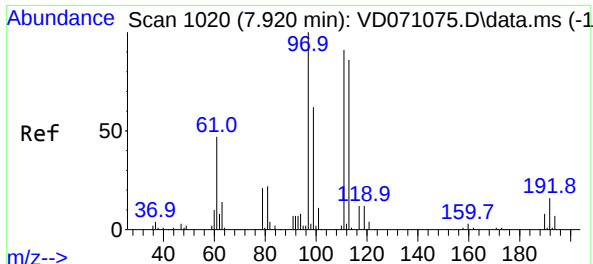
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

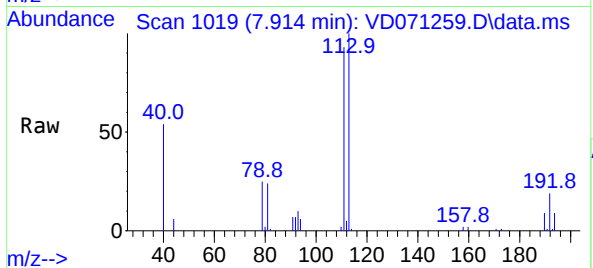
88 14.1 0.0 32.8



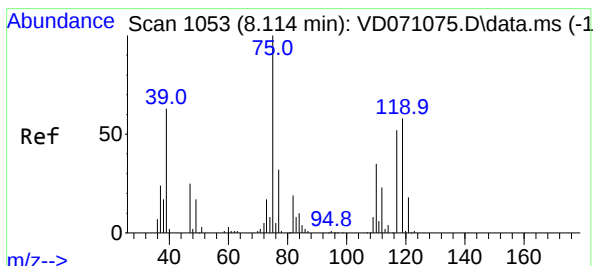
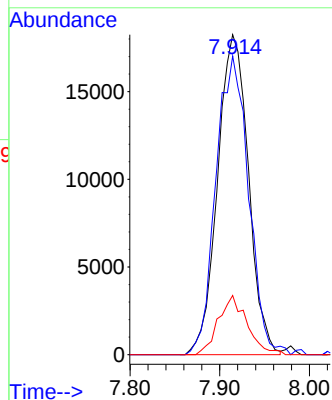
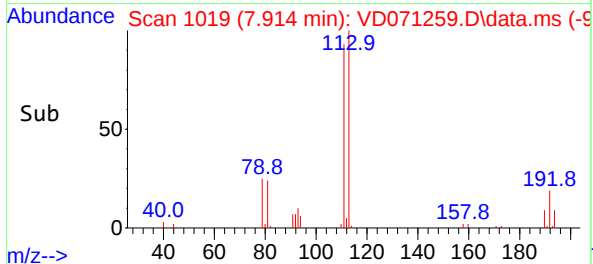


#35
Dibromofluoromethane
Concen: 57.32 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

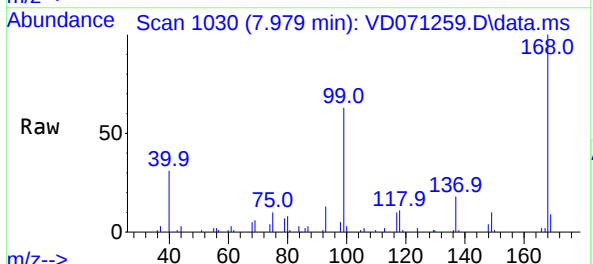
Instrument :
MSVOA_D
ClientSampleId :



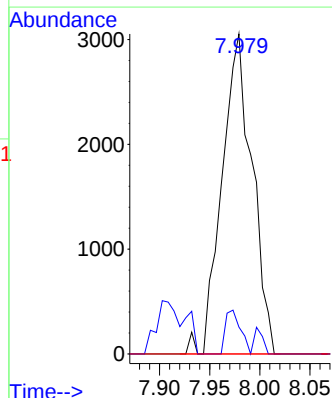
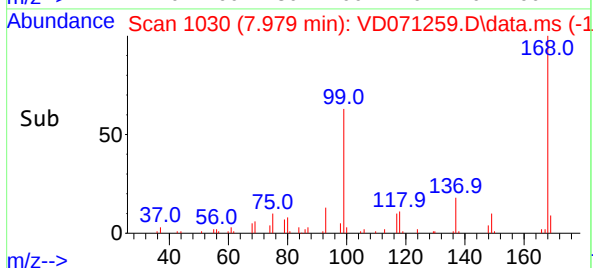
Tgt Ion:113 Resp: 43657
Ion Ratio Lower Upper
113 100
111 98.4 82.0 123.0
192 17.2 15.2 22.8

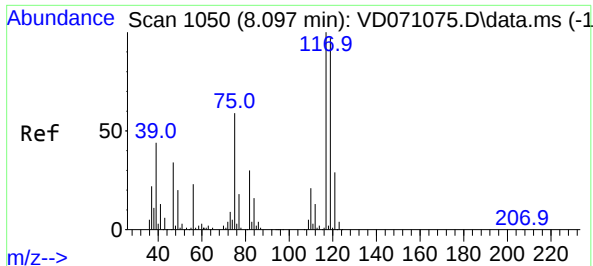


#36
1,1-Dichloropropene
Concen: 5.72 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43



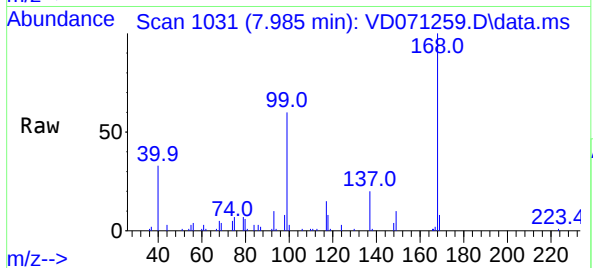
Tgt Ion: 75 Resp: 6394
Ion Ratio Lower Upper
75 100
110 6.8 17.8 53.4#
77 0.0 24.8 37.2#



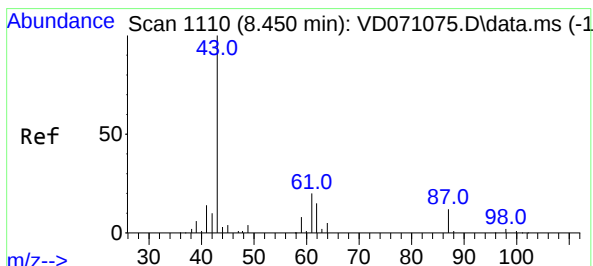
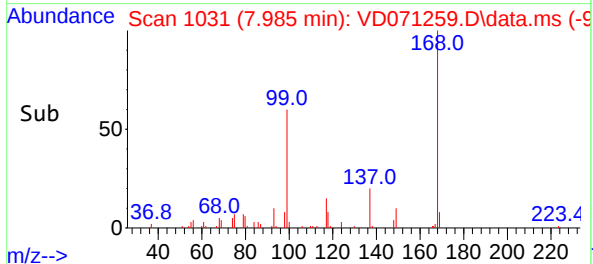
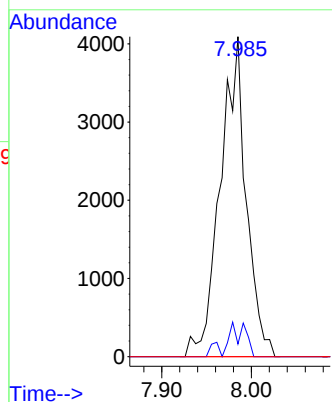


#38
Carbon Tetrachloride
Concen: 7.45 ug/l
RT: 7.985 min Scan# 1109
Delta R.T. -0.112 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :

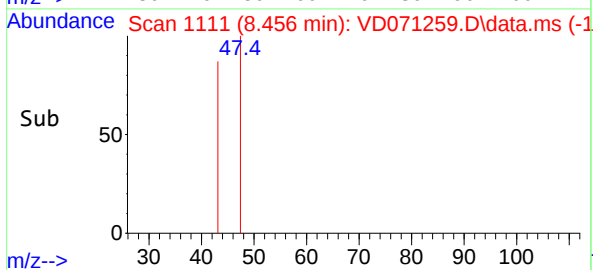
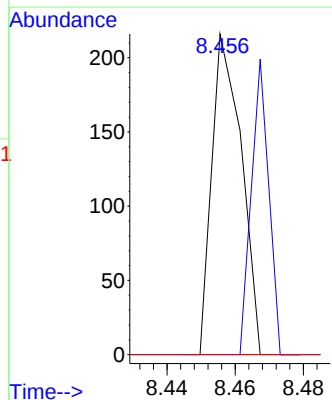
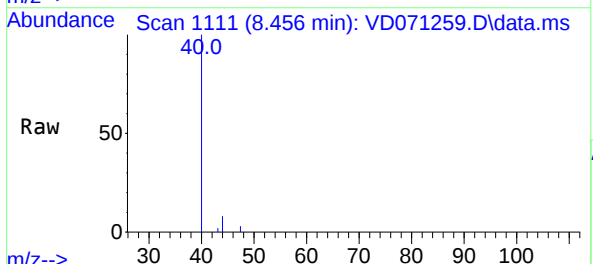


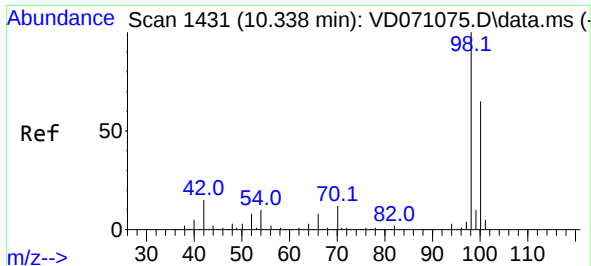
Tgt Ion:117 Resp: 8206
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.33 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
61 53.8 28.2 42.4#
87 0.0 10.7 16.1#

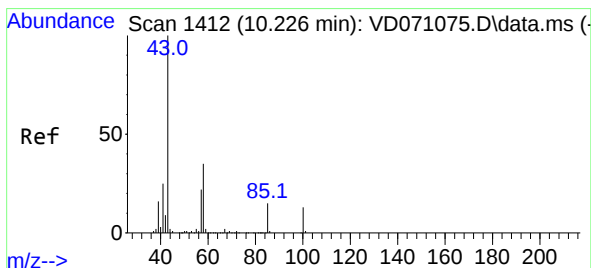
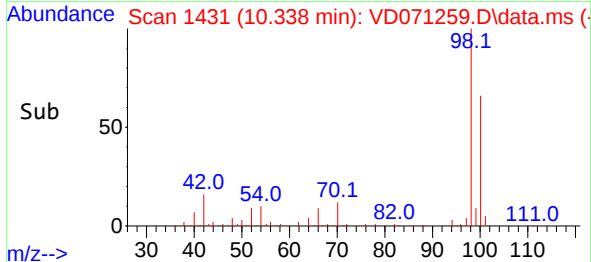
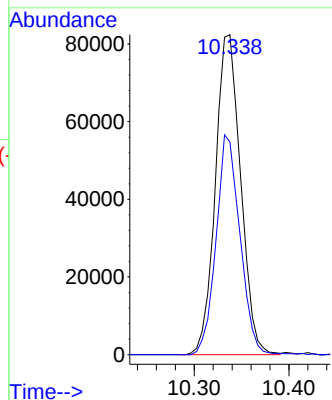
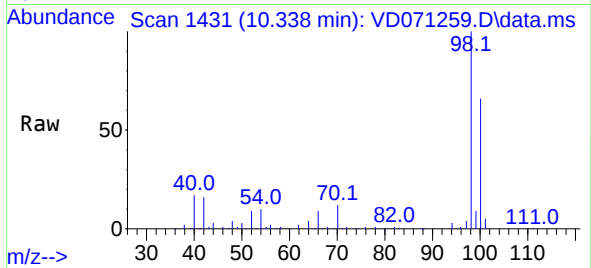




#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

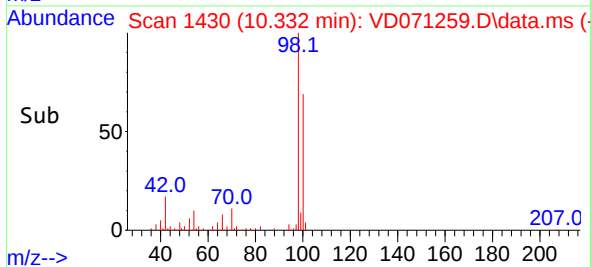
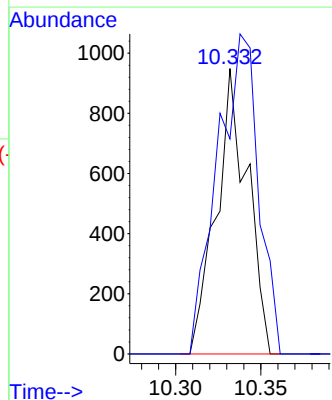
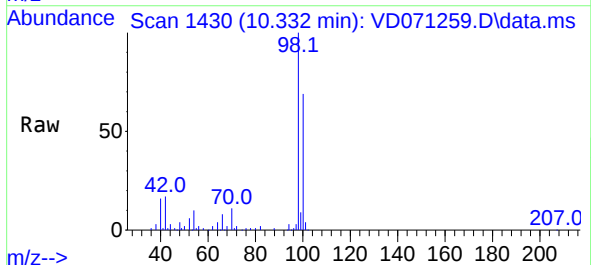
Instrument :
MSVOA_D
ClientSampleId :

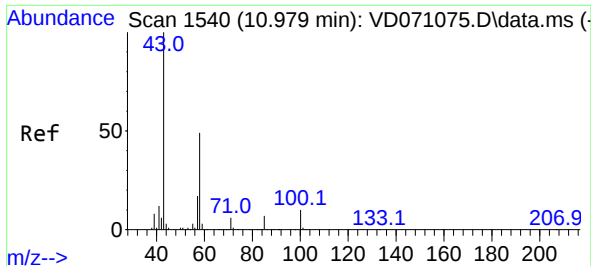
Tgt Ion: 98 Resp: 152906
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.60 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

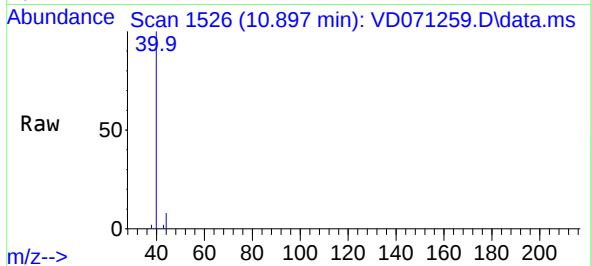
Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 146.3 33.1 49.7#



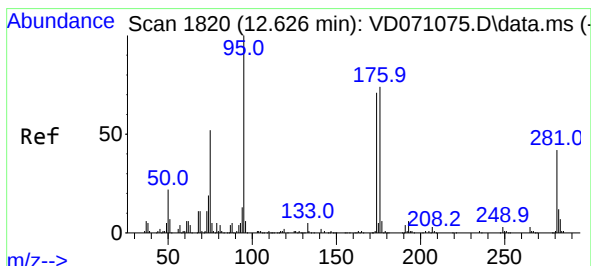
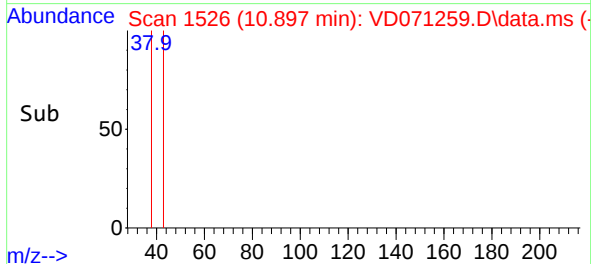
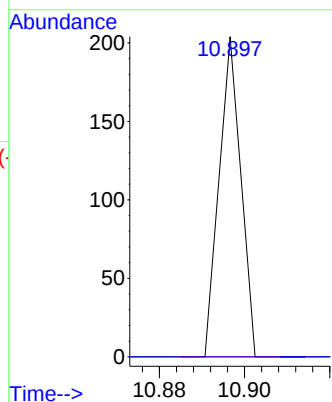


#59
2-Hexanone
Concen: 34.73 ug/l
RT: 10.897 min Scan# 11
Delta R.T. -0.082 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :

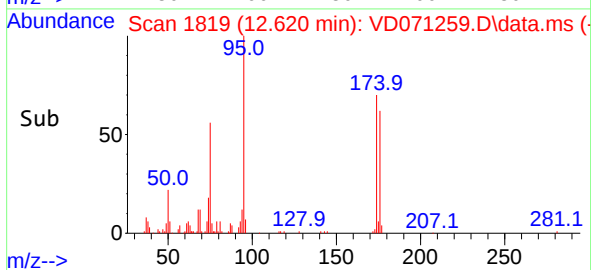
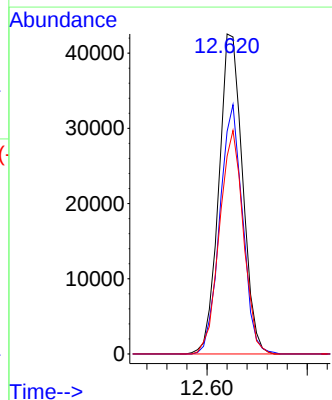
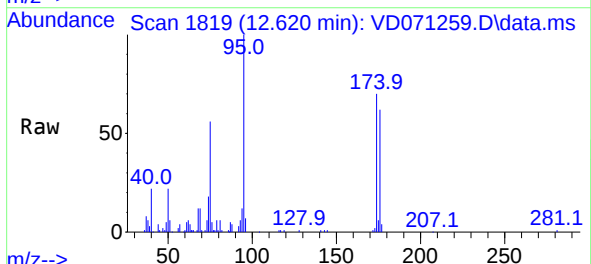


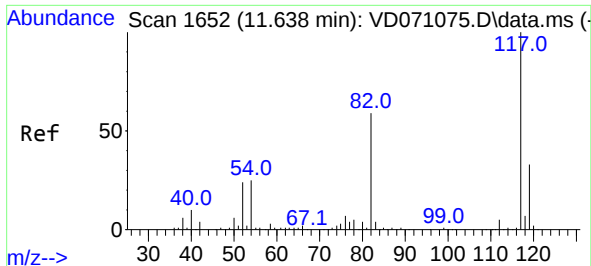
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 69.37 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 95 Resp: 69698
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 70.4 0.0 154.0

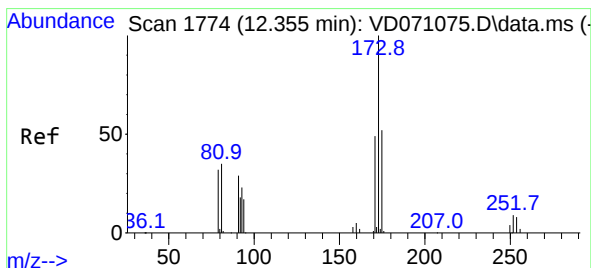
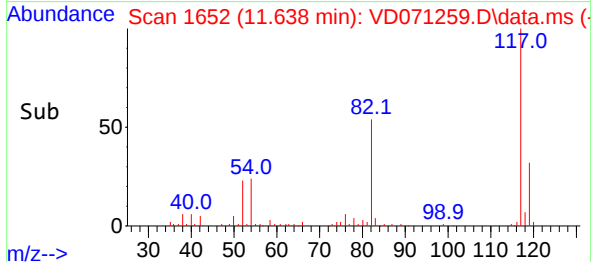
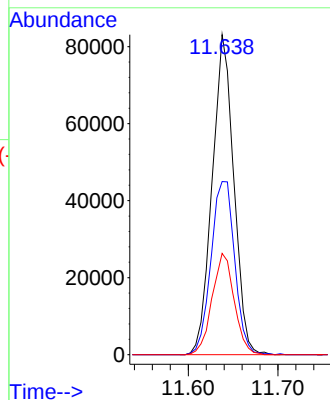
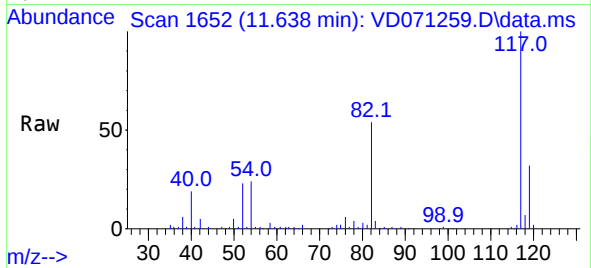




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

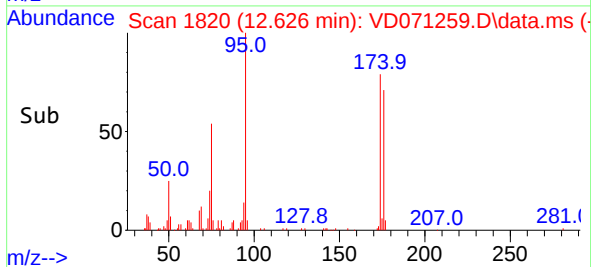
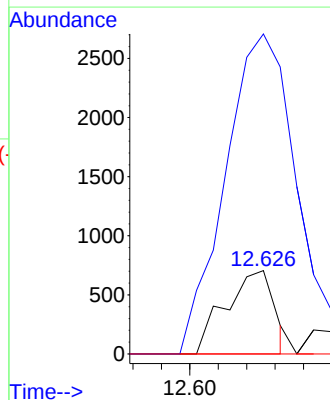
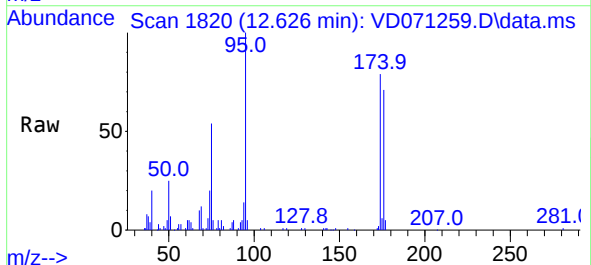
Instrument :
MSVOA_D
ClientSampleId :

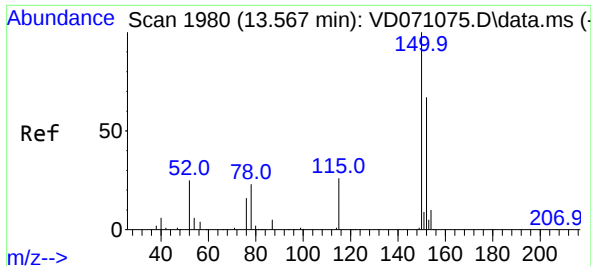
Tgt Ion:117 Resp: 138934
Ion Ratio Lower Upper
117 100
82 54.1 44.7 67.1
119 31.7 26.2 39.4



#71
Bromoform
Concen: 1.72 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion:173 Resp: 839
Ion Ratio Lower Upper
173 100
175 455.2 24.1 72.2#
254 0.0 0.1 0.1#

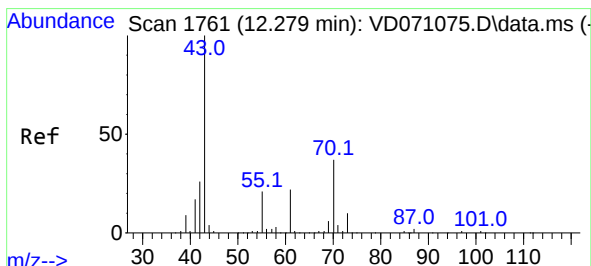
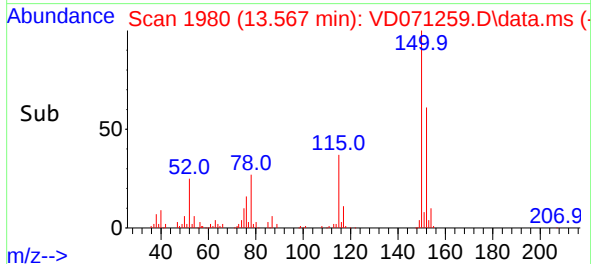
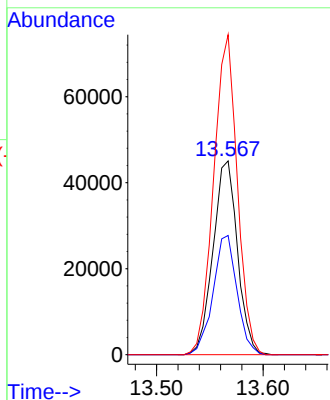
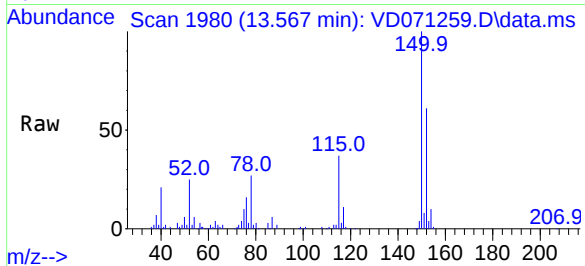




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

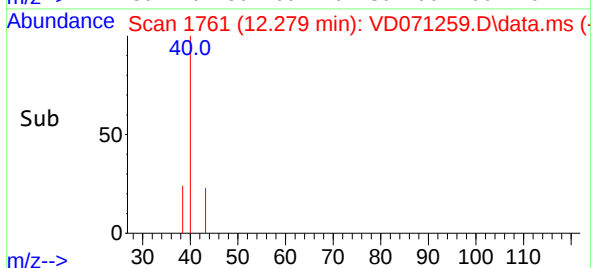
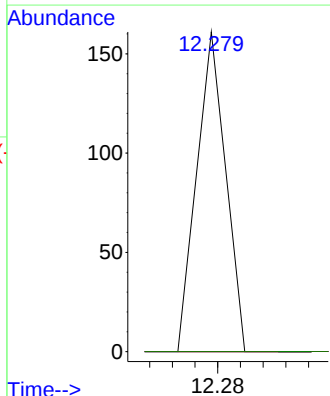
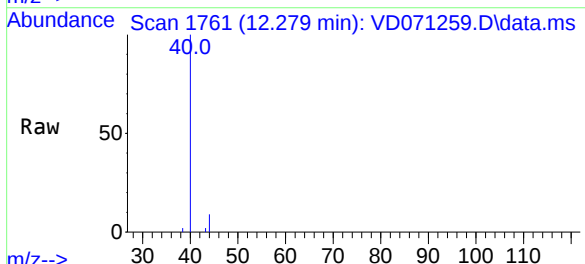
Instrument :
MSVOA_D
ClientSampleId :

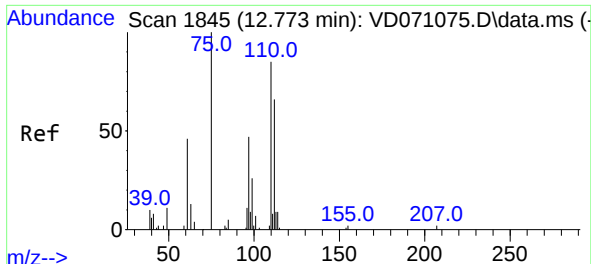
Tgt Ion:152 Resp: 71751
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 159.8 0.0 349.2



#74
N-ethyl acetate
Concen: 5.74 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

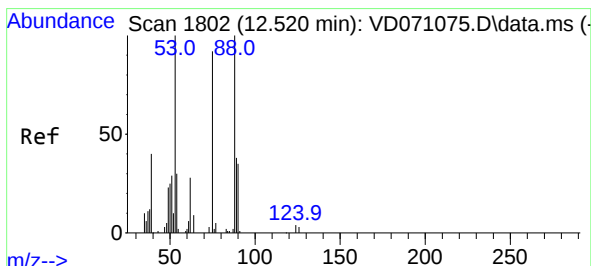
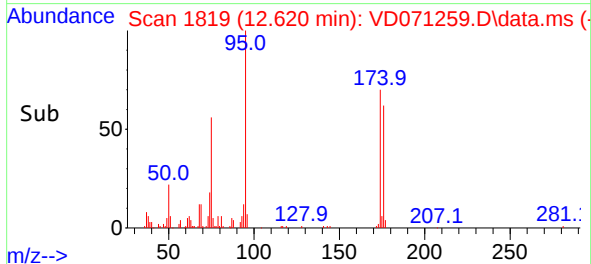
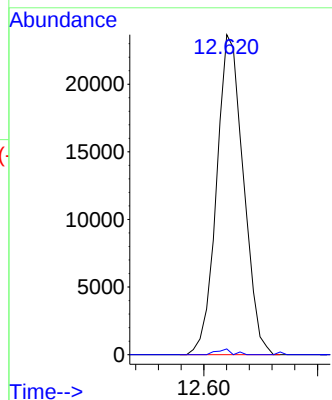
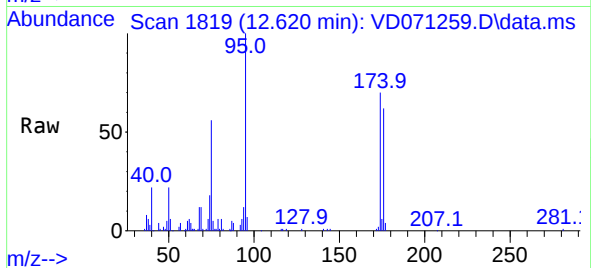




#76
1,2,3-Trichloropropane
Concen: 56.82 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 38840
Ion Ratio Lower Upper
75 100
77 1.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.32 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071259.D
Acq: 10 Dec 2021 18:43

Tgt Ion: 75 Resp: 38840
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.0 34.5 51.7#

