

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071254.D
 Acq On : 10 Dec 2021 16:23
 Operator : VA/SY
 Sample : M4990-04RE
 Misc : 6.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 04:40:40 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)

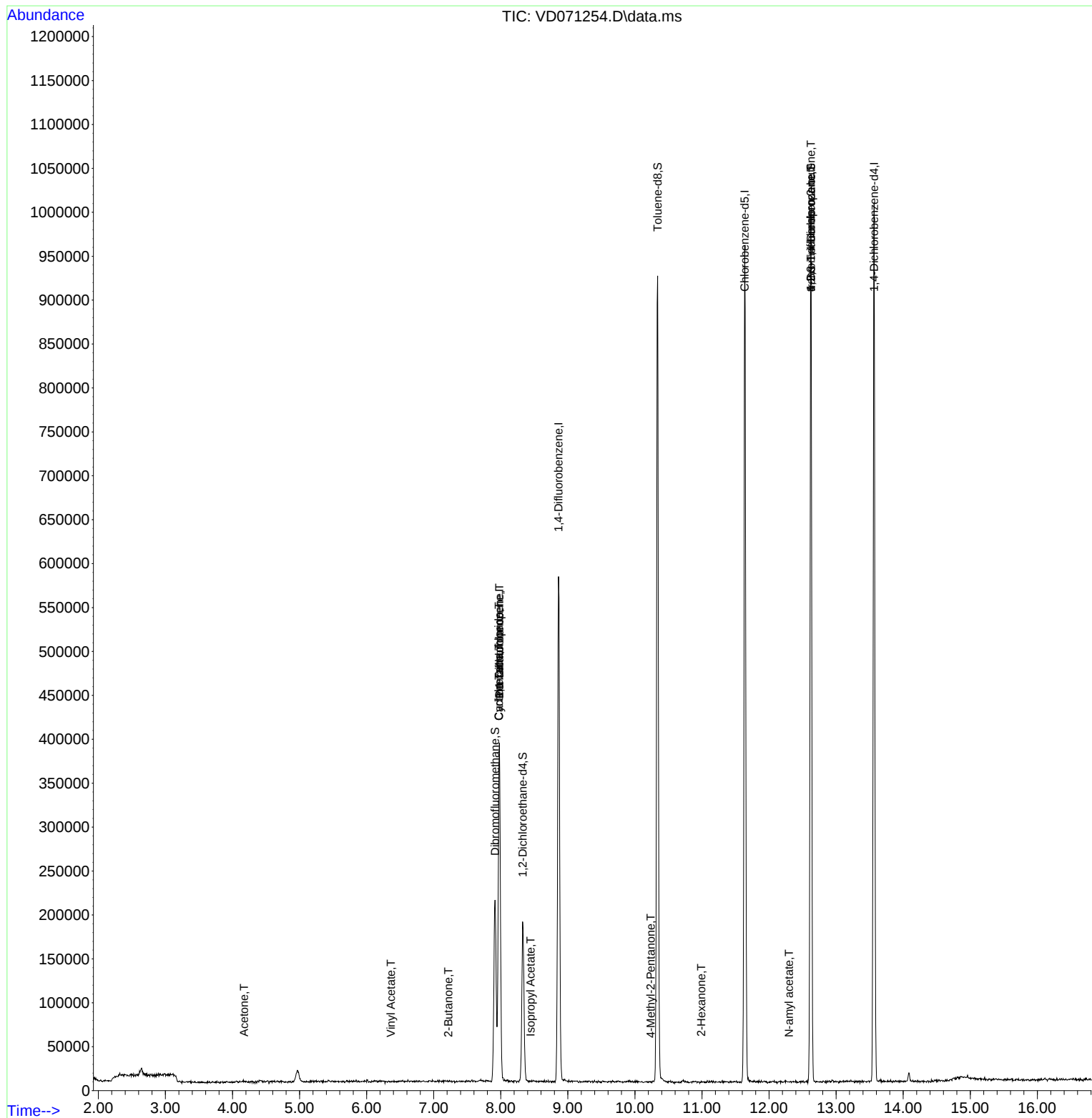
Internal Standards						
1) Pentafluorobenzene	7.979	168	267180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	461948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	501876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	245485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	144054	45.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.90%		
35) Dibromofluoromethane	7.914	113	145954	49.62	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.24%		
50) Toluene-d8	10.338	98	605822	54.12	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.24%		
62) 4-Bromofluorobenzene	12.626	95	250356	64.52	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	129.04%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.161	59	58	Below Cal	#	71
16) Acetone	4.173	43	1213	32.07 ug/l	#	40
20) Methylene Chloride	4.967	84	9496	Below Cal	#	84
23) Vinyl Acetate	6.361	43	154	27.25 ug/l	#	72
25) 2-Butanone	7.220	43	176	28.52 ug/l	#	45
31) Cyclohexane	7.973	56	7338	1.38 ug/l	#	13
36) 1,1-Dichloropropene	7.979	75	25976	6.02 ug/l	#	49
38) Carbon Tetrachloride	7.973	117	30862	7.25 ug/l	#	18
41) Methacrylonitrile	7.550	41	82	Below Cal	#	12
43) Isopropyl Acetate	8.444	43	86	5.24 ug/l	#	47
51) 4-Methyl-2-Pentanone	10.238	43	181	30.73 ug/l	#	34
59) 2-Hexanone	10.991	43	71	34.61 ug/l	#	22
74) N-amyl acetate	12.296	43	78	5.72 ug/l	#	40
76) 1,2,3-Trichloropropane	12.626	75	139656	59.71 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	139656	129.31 ug/l	#	18

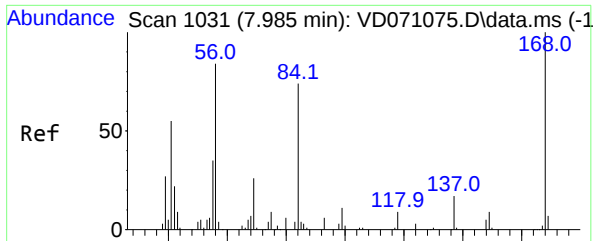
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
Data File : VD071254.D
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Operator : VA/SY
Sample : M4990-04RE
Misc : 6.80G/5.00ml/MSVOA_D/SOIL
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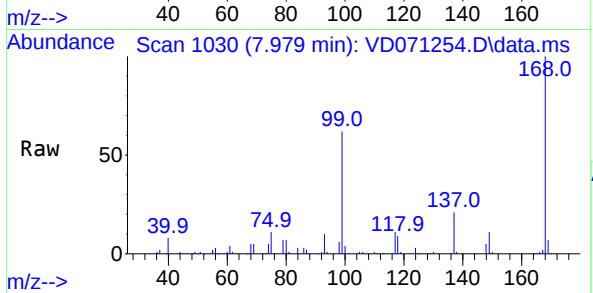
Quant Time: Dec 11 04:40:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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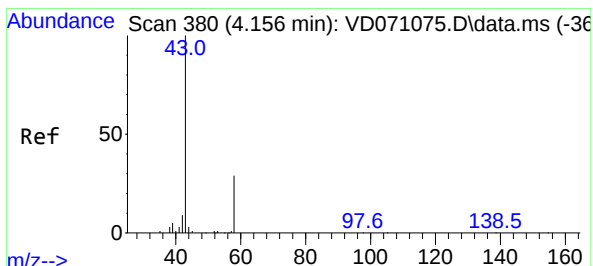
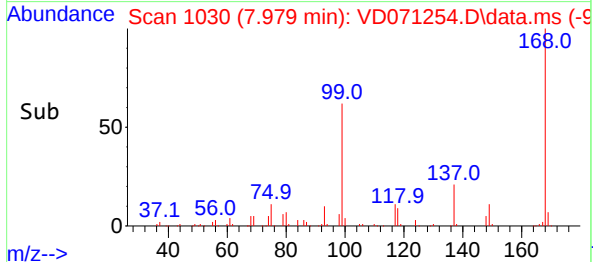
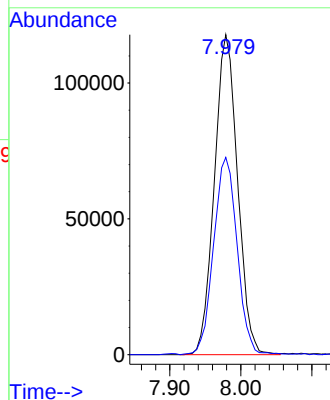


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :

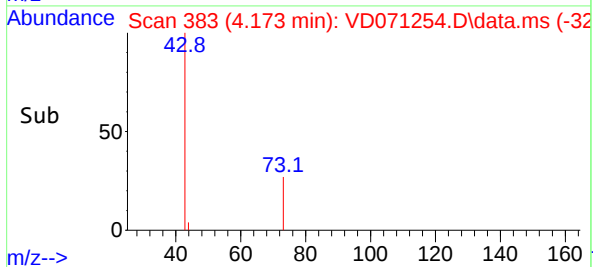
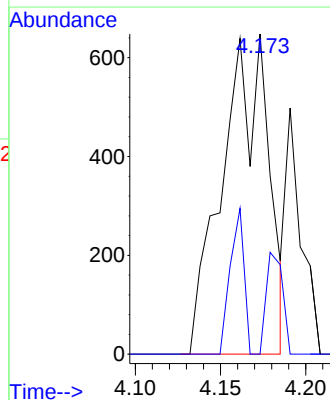
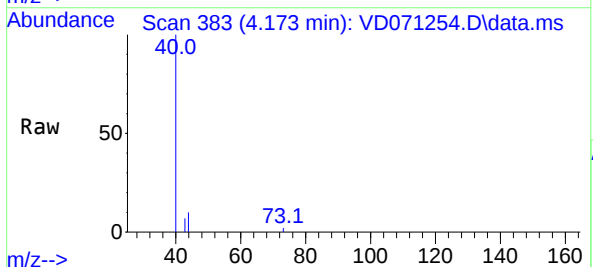


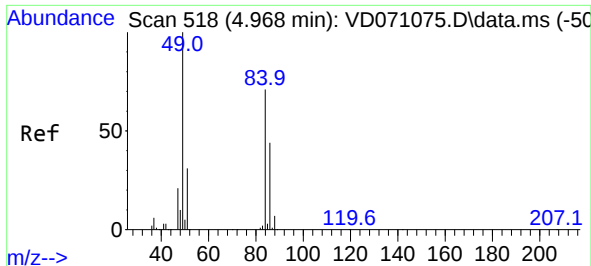
Tgt Ion:168 Resp: 267180
Ion Ratio Lower Upper
168 100
99 61.7 46.6 69.8



#16
Acetone
Concen: 32.07 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

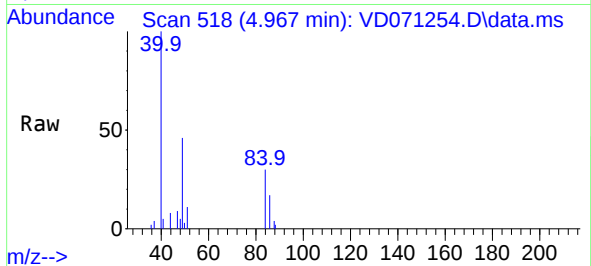
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



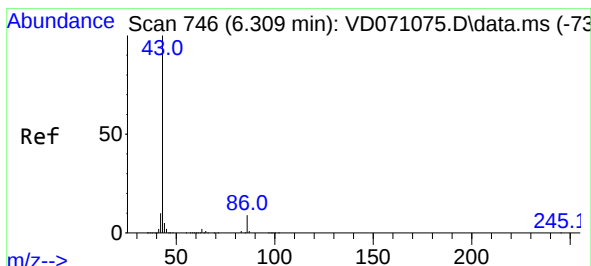
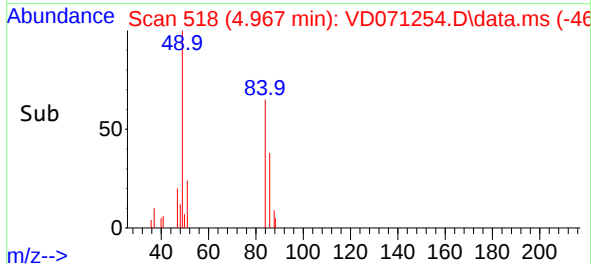
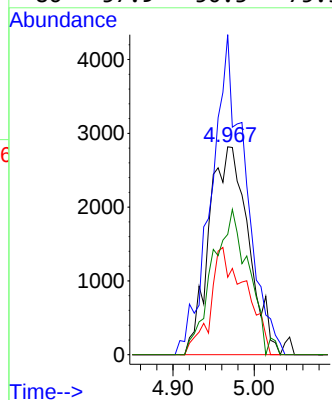


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :

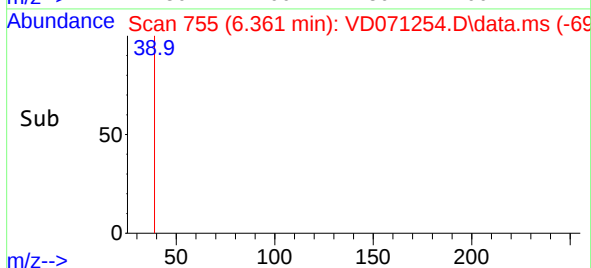
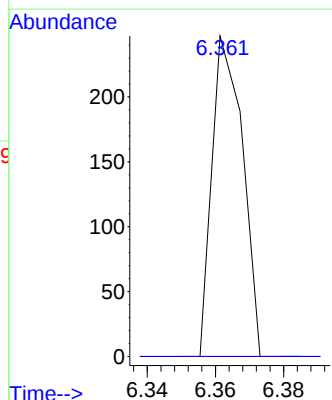
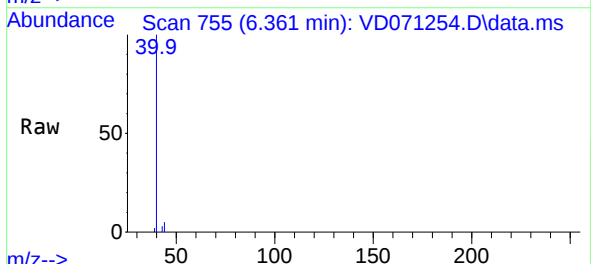


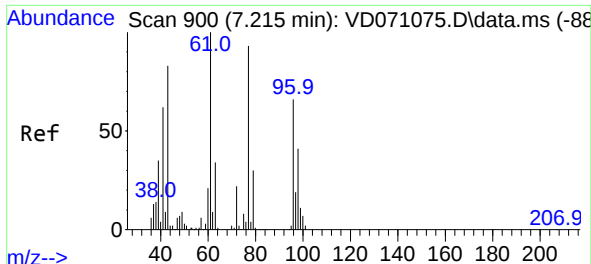
Tgt Ion: 84 Resp: 9496
Ion Ratio Lower Upper
84 100
49 148.3 95.8 143.6#
51 37.2 30.9 46.3
86 57.9 50.3 75.5



#23
Vinyl Acetate
Concen: 27.25 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.052 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

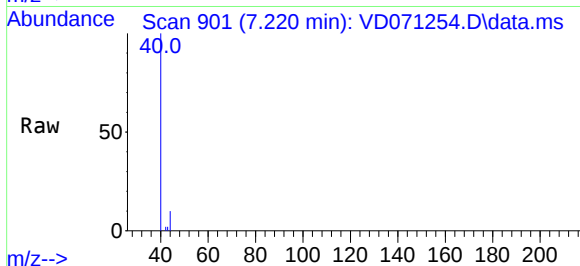
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



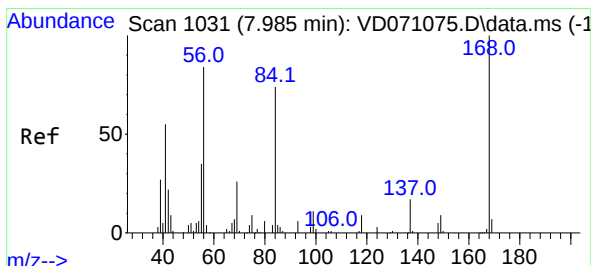
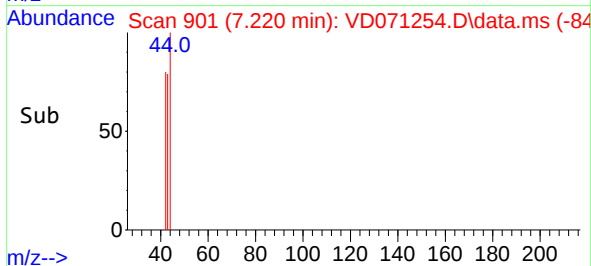
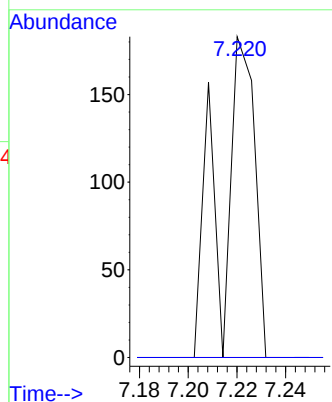


#25
2-Butanone
Concen: 28.52 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :

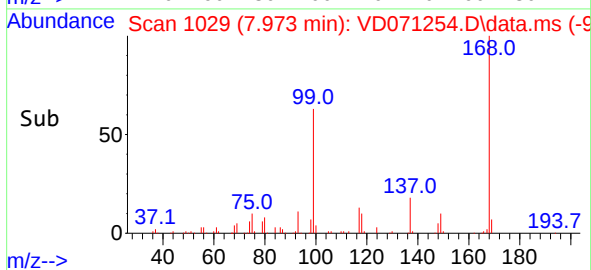
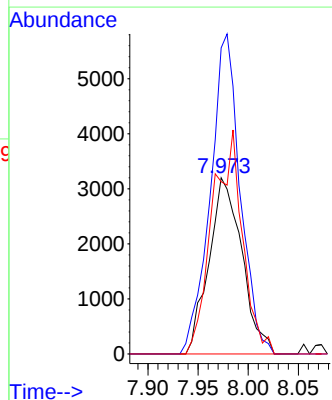
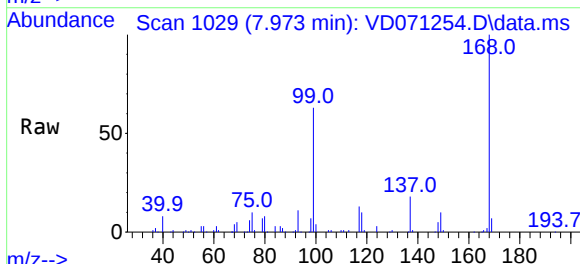


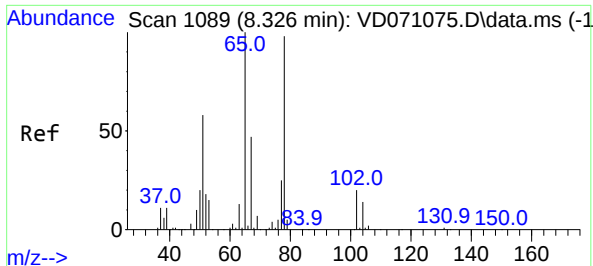
Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion: 56 Resp: 7338
Ion Ratio Lower Upper
56 100
69 173.8 25.9 38.9#
84 97.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 45.95 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071254.D

Acq: 10 Dec 2021 16:23

Instrument :

MSVOA_D

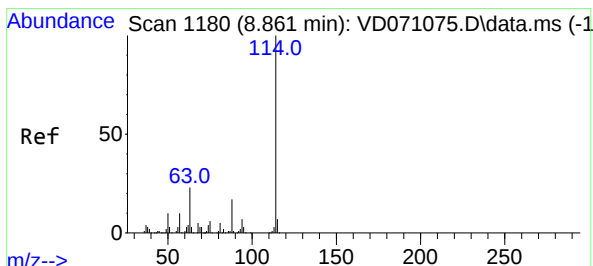
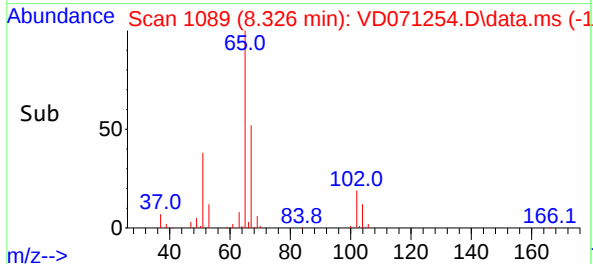
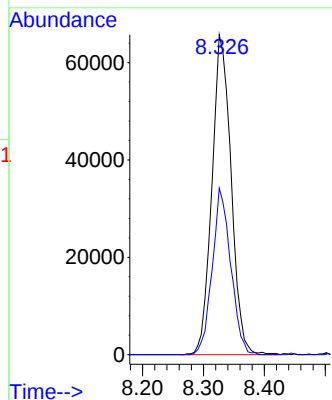
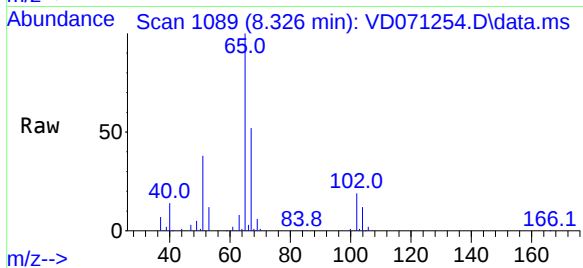
ClientSampleId :

Tgt Ion: 65 Resp: 144054

Ion Ratio Lower Upper

65 100

67 50.2 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: VD071254.D

Acq: 10 Dec 2021 16:23

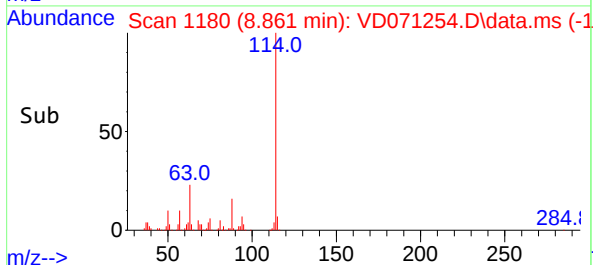
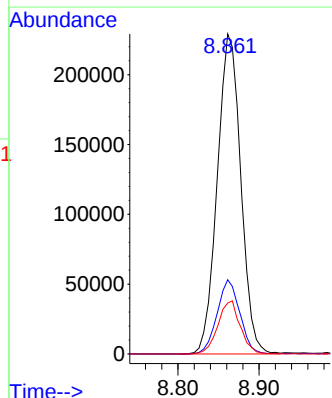
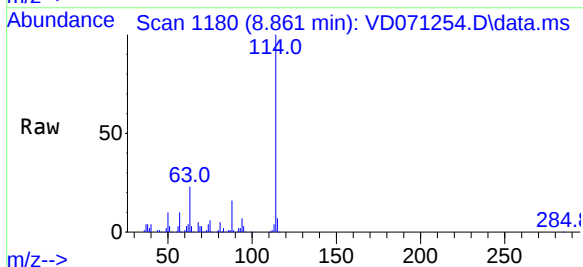
Tgt Ion:114 Resp: 461948

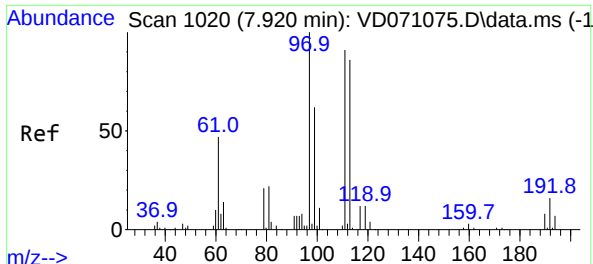
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.62 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071254.D

Acq: 10 Dec 2021 16:23

Instrument :

MSVOA_D

ClientSampleId :

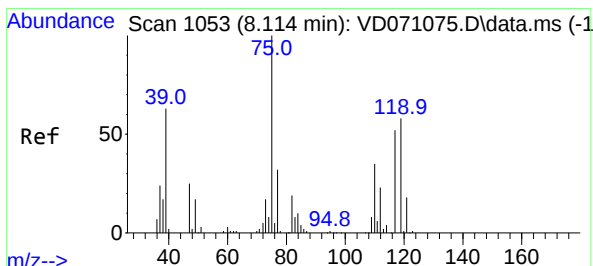
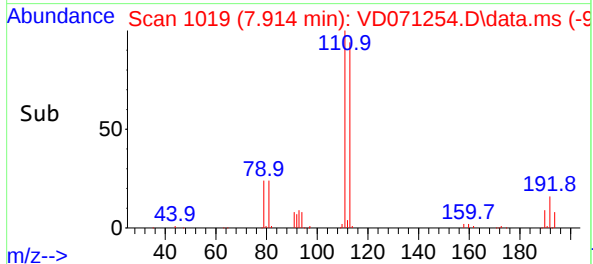
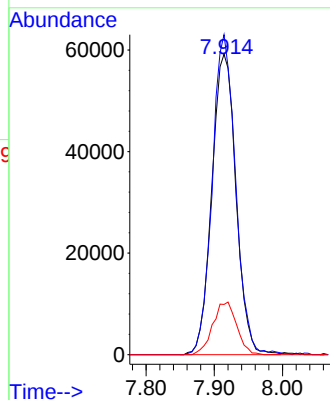
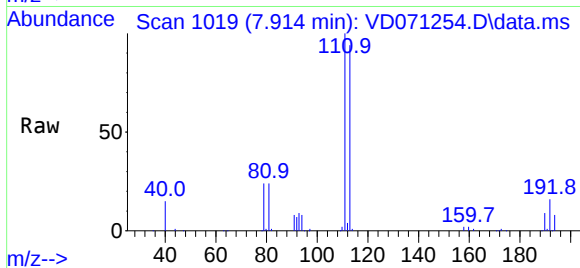
Tgt Ion:113 Resp: 145954

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 17.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 6.02 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071254.D

Acq: 10 Dec 2021 16:23

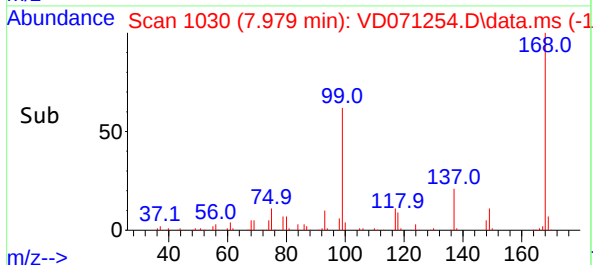
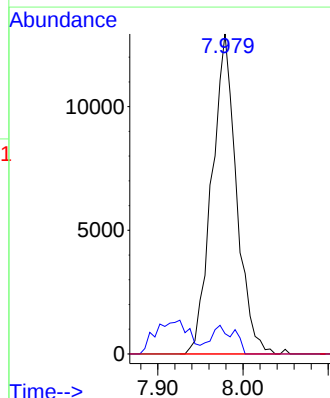
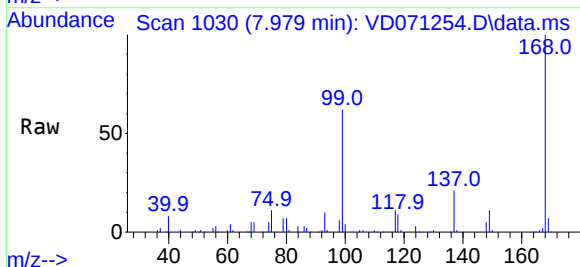
Tgt Ion: 75 Resp: 25976

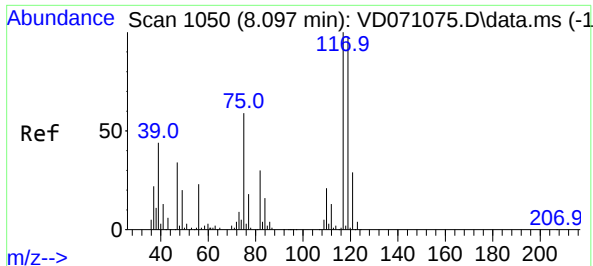
Ion Ratio Lower Upper

75 100

110 8.5 17.8 53.4#

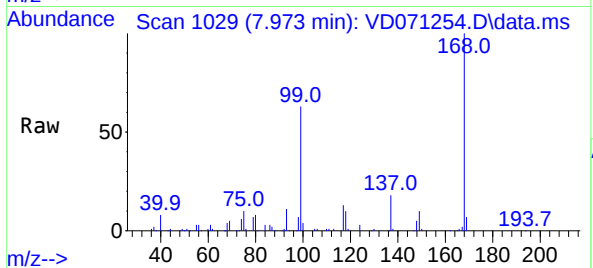
77 0.0 24.8 37.2#



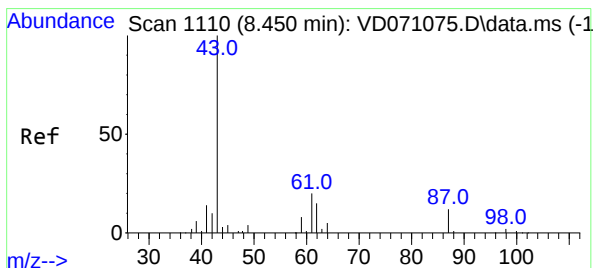
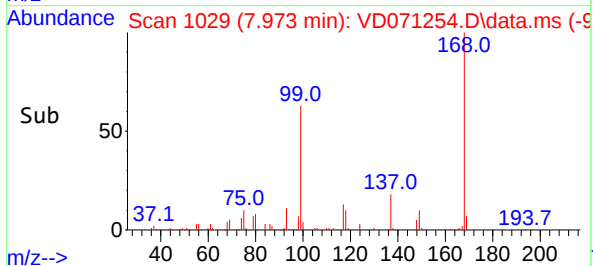
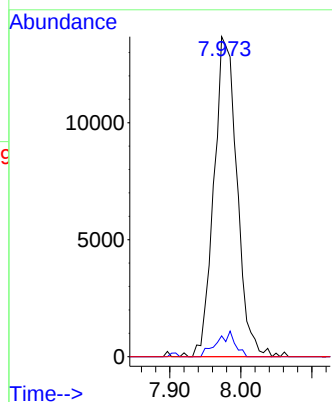


#38
Carbon Tetrachloride
Concen: 7.25 ug/l
RT: 7.973 min Scan# 1109
Delta R.T. -0.124 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :

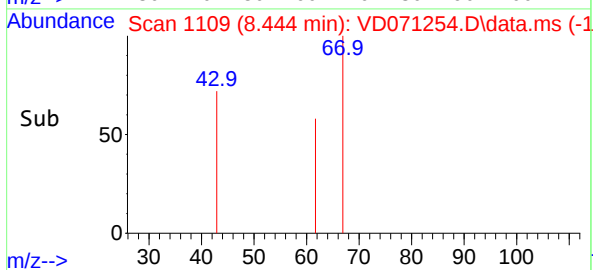
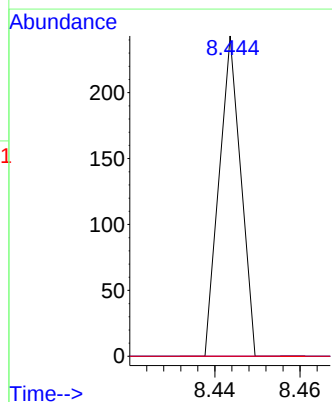
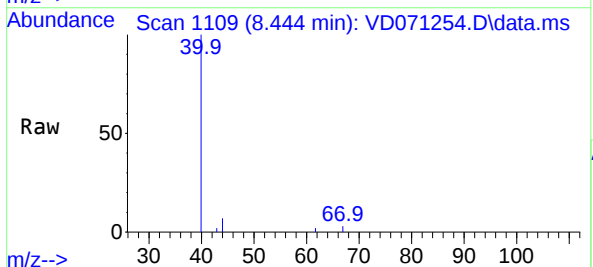


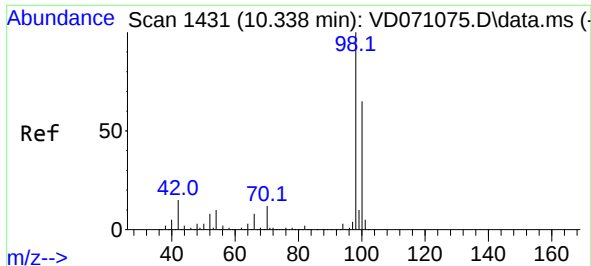
Tgt Ion:117 Resp: 30862
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.24 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

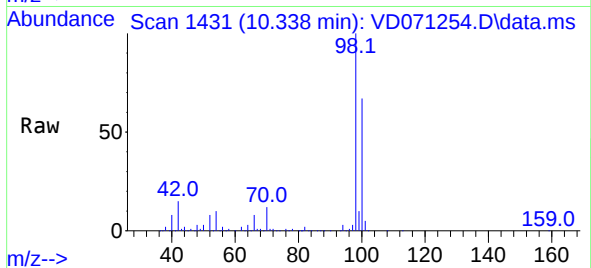
Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



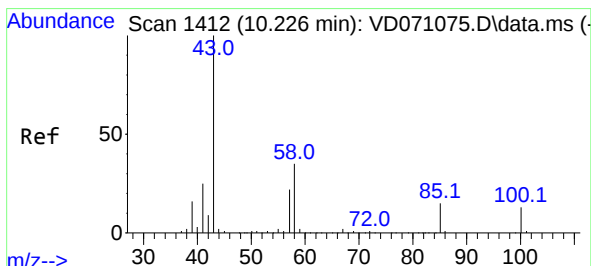
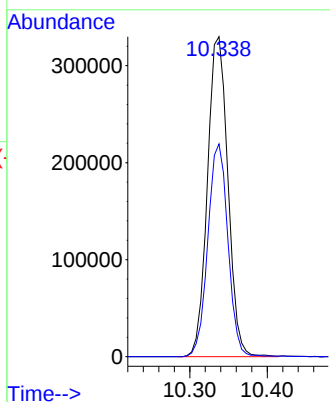
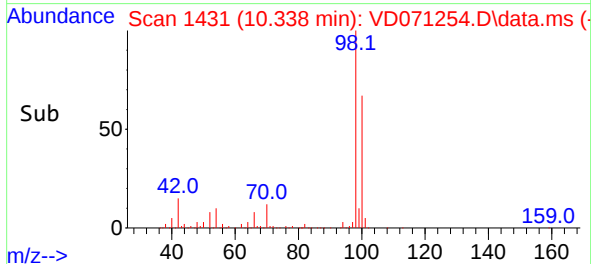


#50
Toluene-d8
Concen: 54.12 ug/l
RT: 10.338 min Scan# 1414
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

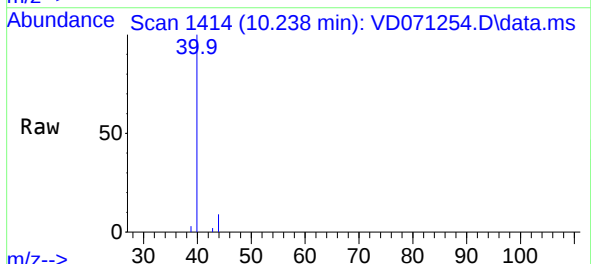
Instrument :
MSVOA_D
ClientSampleId :



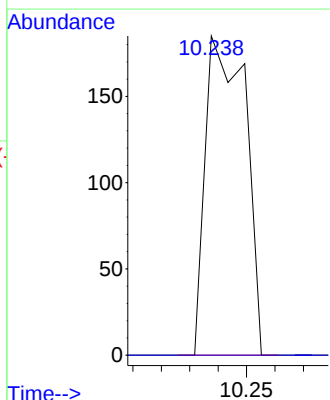
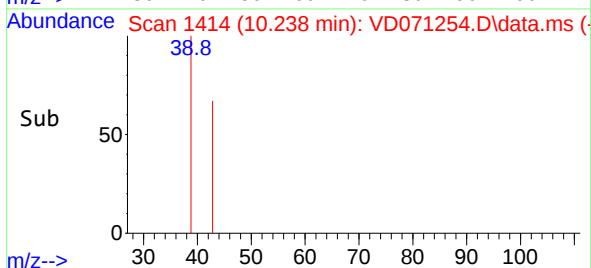
Tgt Ion: 98 Resp: 605822
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

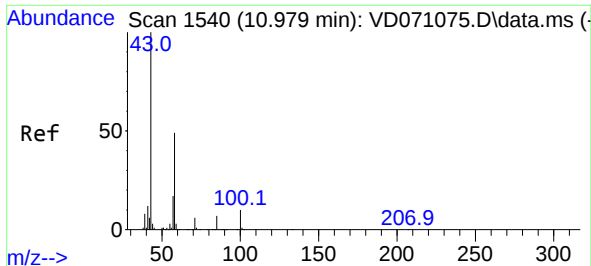


#51
4-Methyl-2-Pentanone
Concen: 30.73 ug/l
RT: 10.238 min Scan# 1414
Delta R.T. 0.012 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23



Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

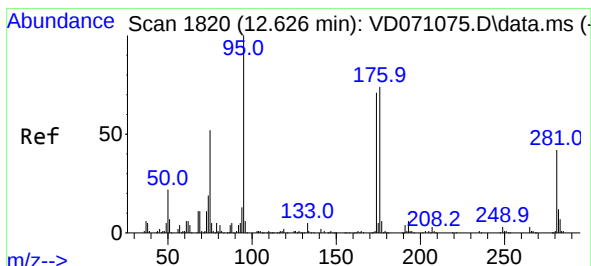
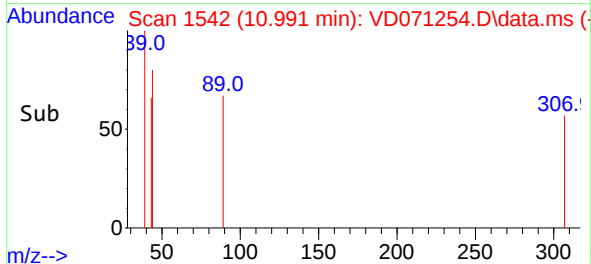
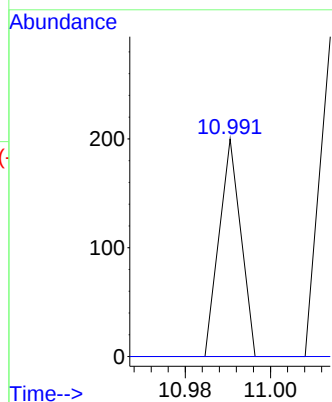
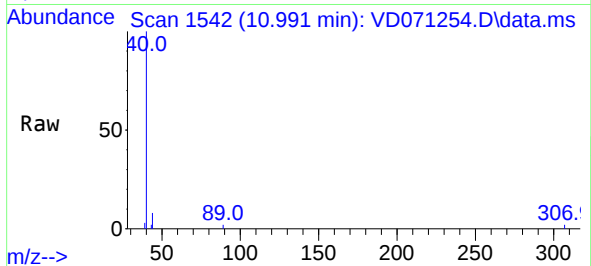




#59
2-Hexanone
Concen: 34.61 ug/l
RT: 10.991 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

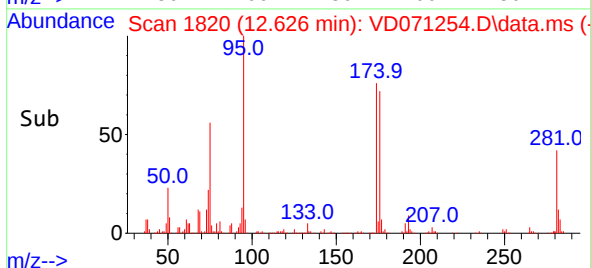
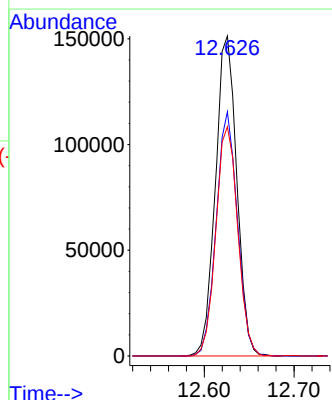
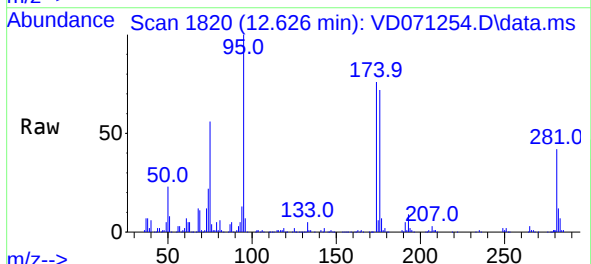
Instrument :
MSVOA_D
ClientSampleId :

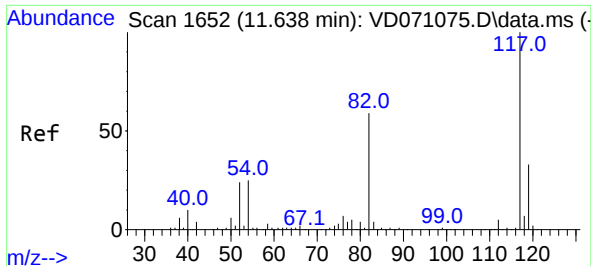
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 64.52 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Tgt Ion: 95 Resp: 250356
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.1 0.0 154.0

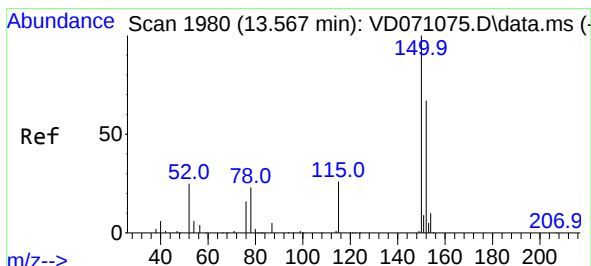
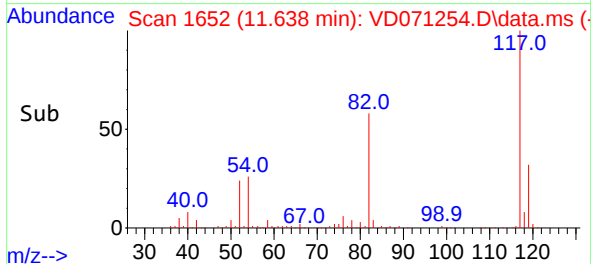
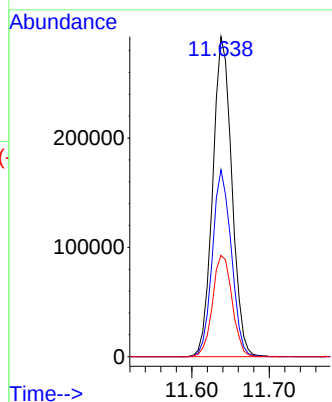
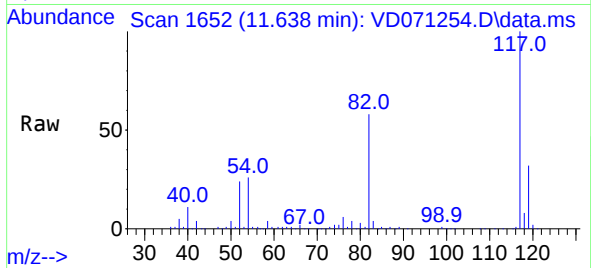




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

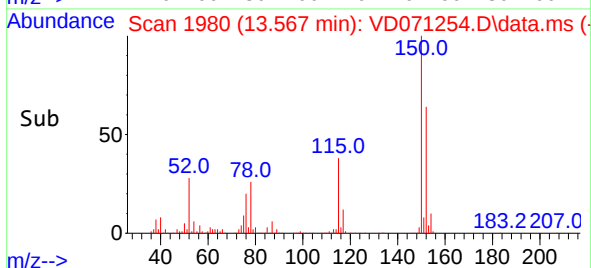
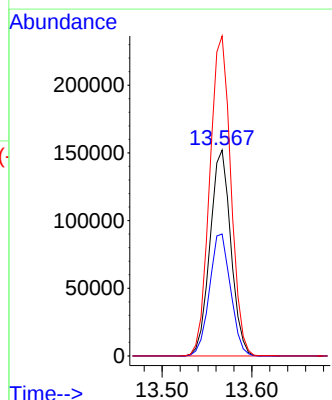
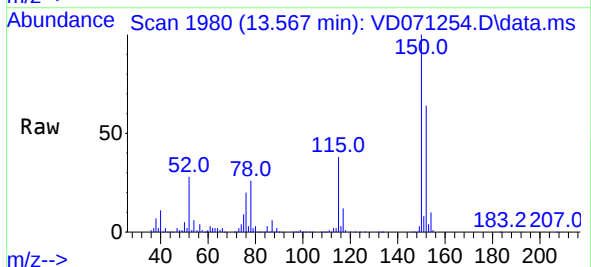
Instrument :
MSVOA_D
ClientSampleId :

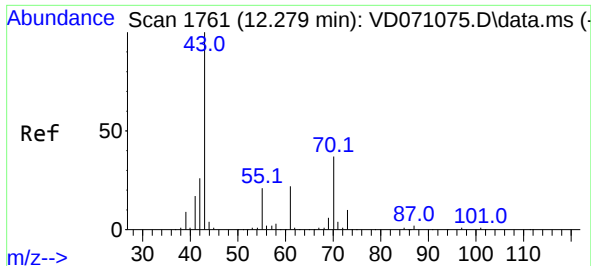
Tgt Ion:117 Resp: 501876
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

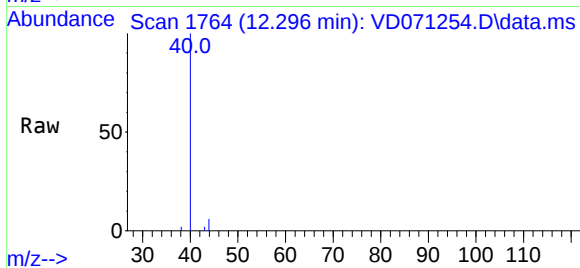
Tgt Ion:152 Resp: 245485
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 157.2 0.0 349.2



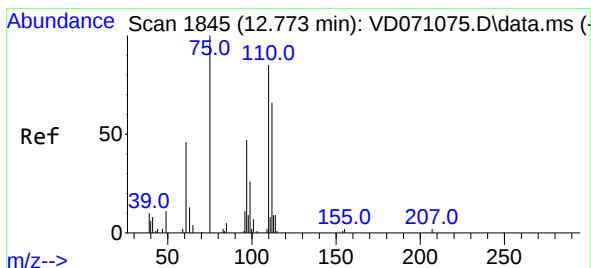
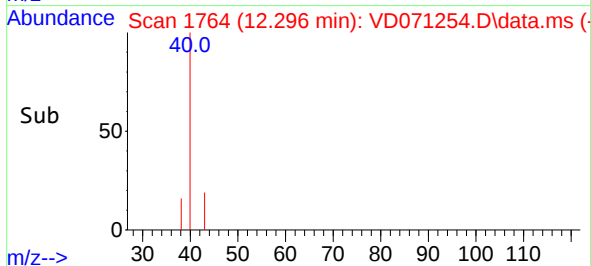
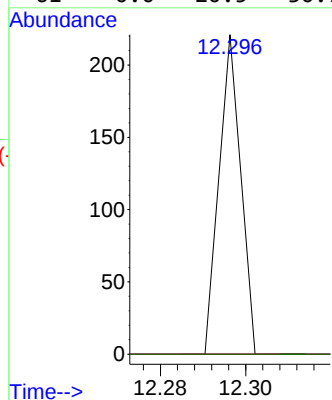


#74
N-amy1 acetate
Concen: 5.72 ug/l
RT: 12.296 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

Instrument :
MSVOA_D
ClientSampleId :

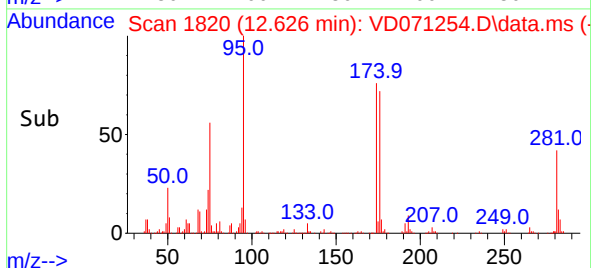
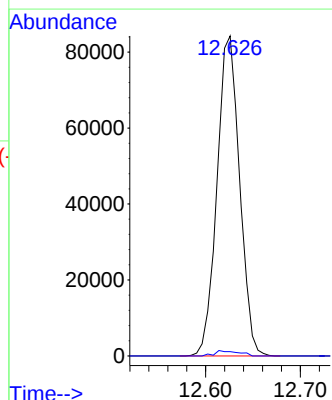
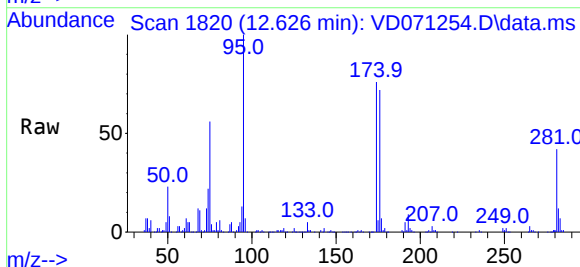


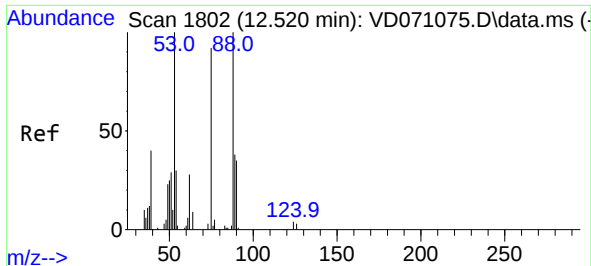
Tgt Ion: 43	Resp: 78
Ion Ratio	Lower Upper
43 100	
70 0.0	36.6 55.0#
55 0.0	22.5 33.7#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 59.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071254.D
Acq: 10 Dec 2021 16:23

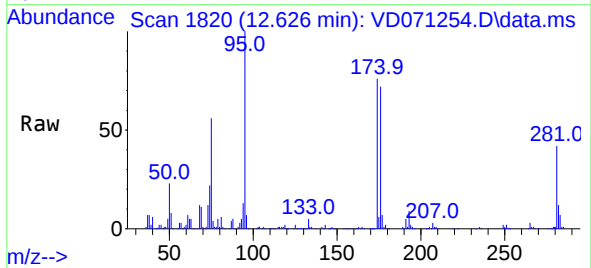
Tgt Ion: 75	Resp: 139656
Ion Ratio	Lower Upper
75 100	
77 1.7	158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.31 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071254.D
 Acq: 10 Dec 2021 16:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 139656
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.5 34.5 51.7#

