

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072041.D
 Acq On : 21 Feb 2022 19:19
 Operator : VA/SY
 Sample : N1626-12
 Misc : 7.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B6

Quant Time: Feb 22 01:09:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

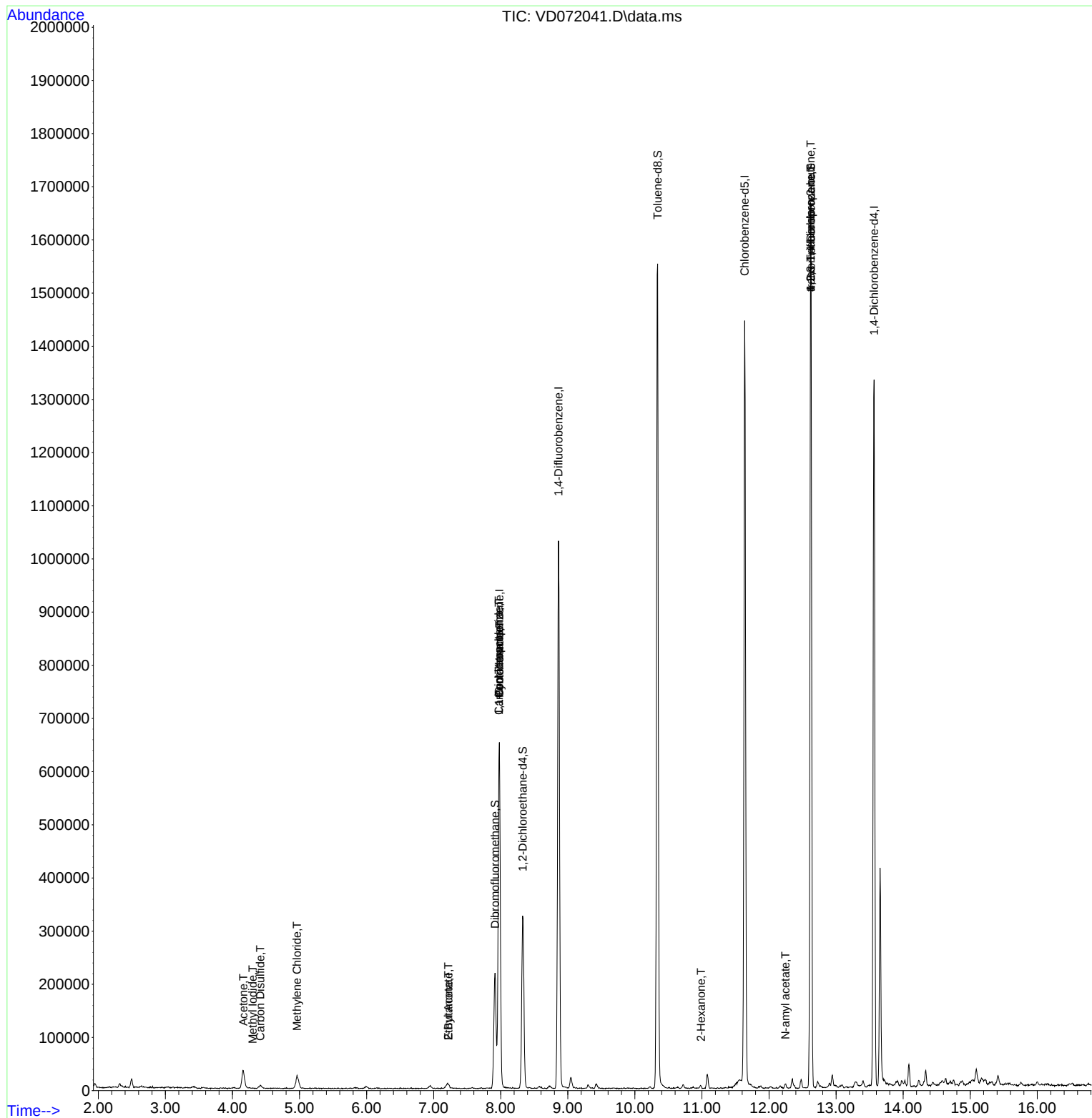
Internal Standards						
1) Pentafluorobenzene	7.979	168	474813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	863910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	820326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	363028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264100	53.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.914	113	156501	29.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 59.800%	
50) Toluene-d8	10.338	98	1061078	54.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.626	95	388835	54.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.060%	
Target Compounds						Qvalue
5) Bromomethane	2.785	94	459	Below Cal	#	55
10) Methyl Iodide	4.303	142	70	2.936	ug/l #	40
16) Acetone	4.162	43	60888	57.203	ug/l	97
17) Carbon Disulfide	4.415	76	9707	1.454	ug/l #	94
18) Methyl Acetate	4.791	43	78	Below Cal	#	52
20) Methylene Chloride	4.962	84	16449	3.105	ug/l	88
25) 2-Butanone	7.220	43	11836	8.045	ug/l #	83
31) Cyclohexane	7.979	56	10182	1.170	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	39464	4.977	ug/l #	50
37) Ethyl Acetate	7.220	43	11836	3.219	ug/l #	72
38) Carbon Tetrachloride	7.973	117	49678	6.113	ug/l #	16
59) 2-Hexanone	10.985	43	4651	1.879	ug/l	79
74) N-amyl acetate	12.244	43	6079	1.010	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	202824	58.983	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	202824	147.706	ug/l #	10

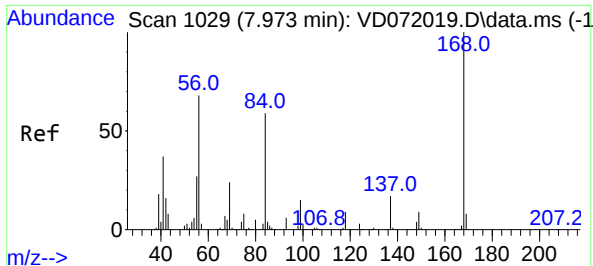
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

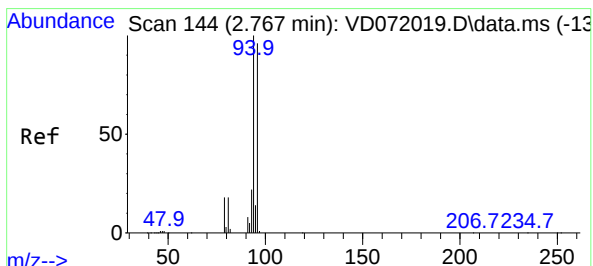
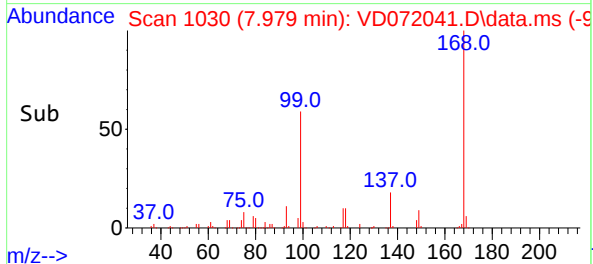
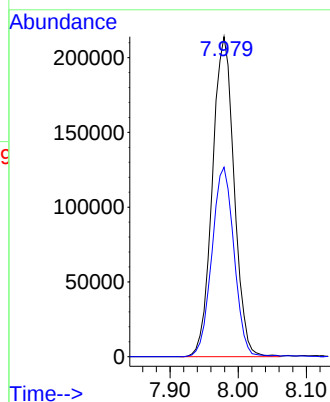
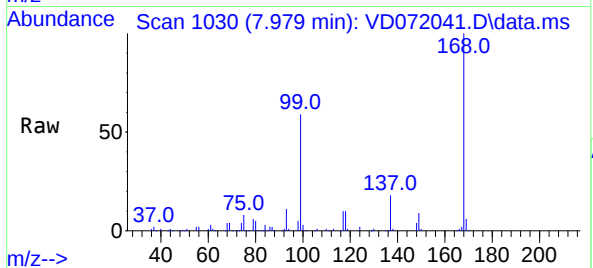




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

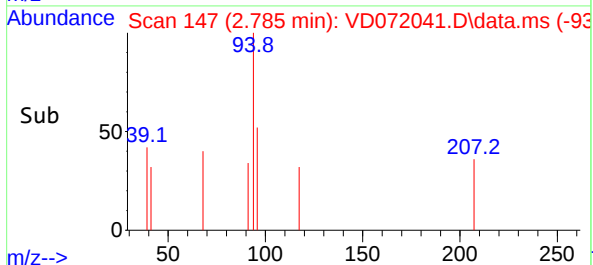
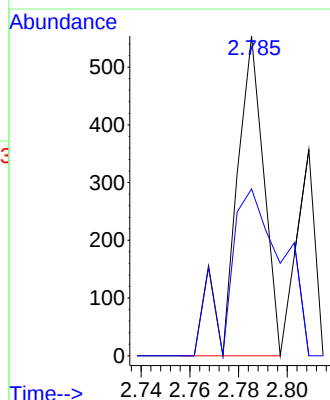
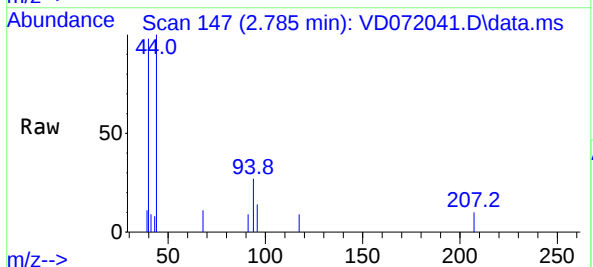
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

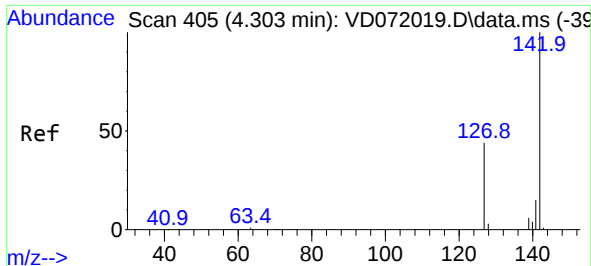
Tgt Ion:168 Resp: 474813
Ion Ratio Lower Upper
168 100
99 59.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 52.2 76.8 115.2#

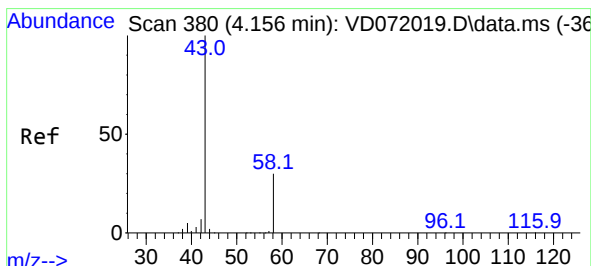
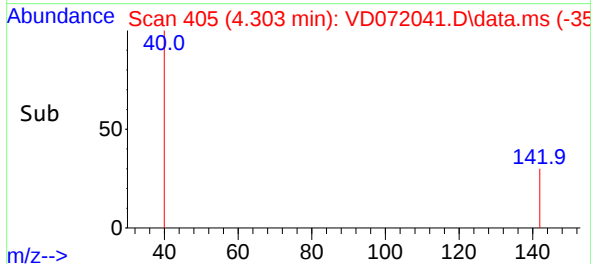
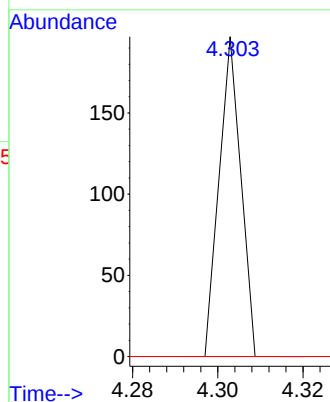
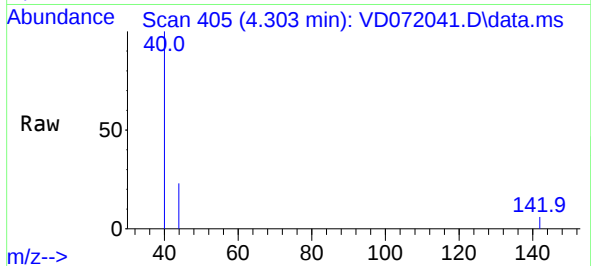




#10
Methyl Iodide
Concen: 2.936 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

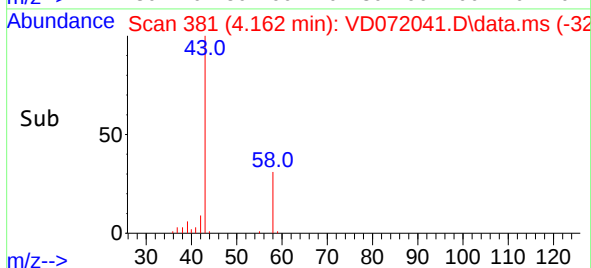
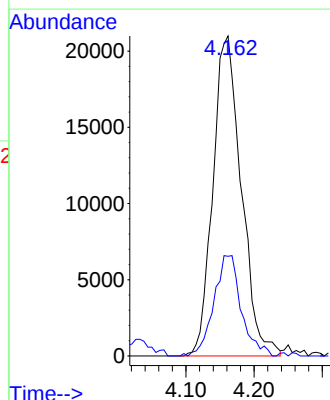
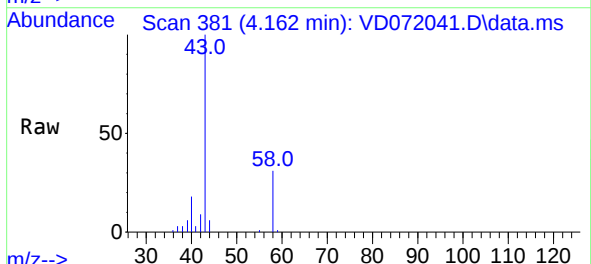
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

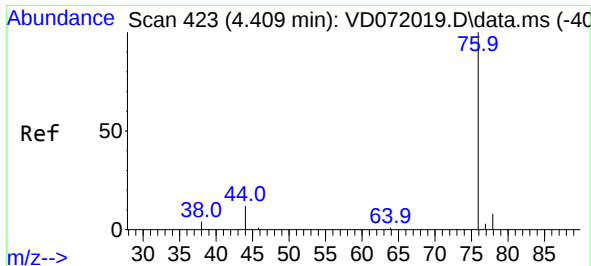
Tgt Ion:142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 57.203 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 43 Resp: 60888
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.6

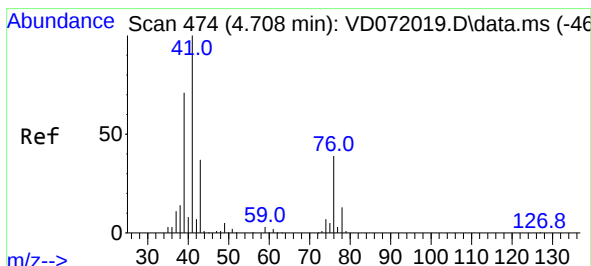
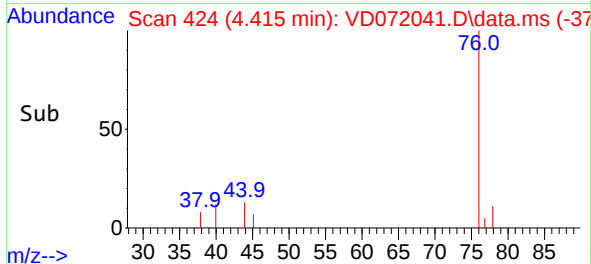
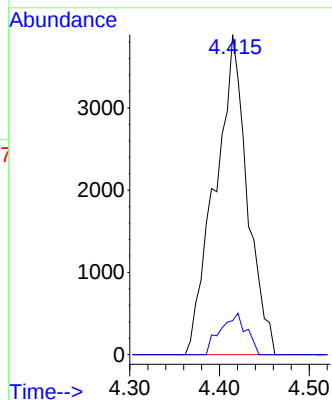
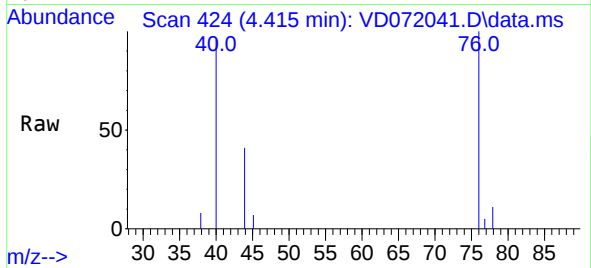




#17
Carbon Disulfide
Concen: 1.454 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

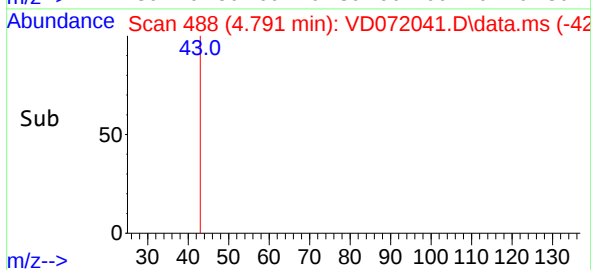
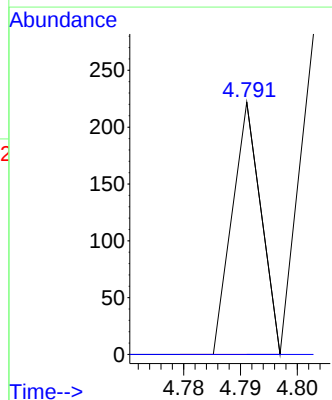
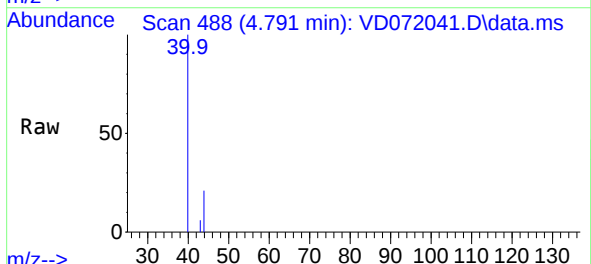
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

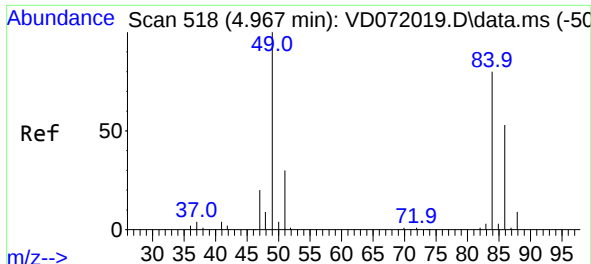
Tgt Ion: 76 Resp: 9707
Ion Ratio Lower Upper
76 100
78 10.7 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.791 min Scan# 488
Delta R.T. 0.083 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



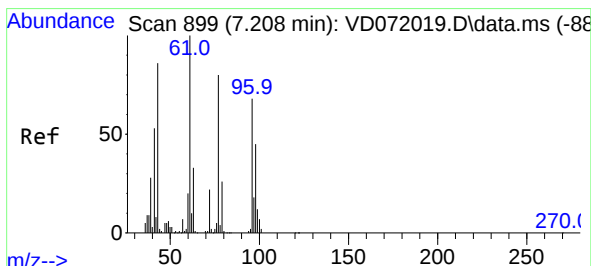
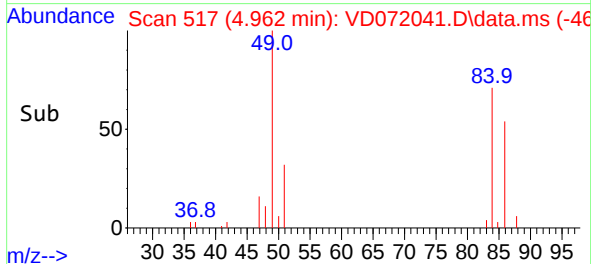
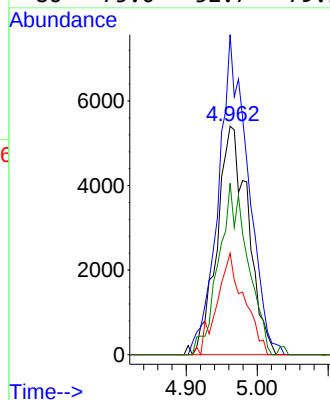
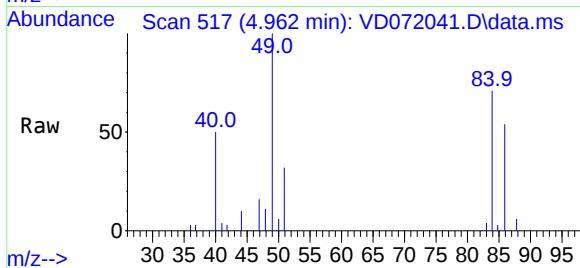


#20
Methylene Chloride
Concen: 3.105 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
CC-B6

Tgt Ion: 84 Resp: 16449

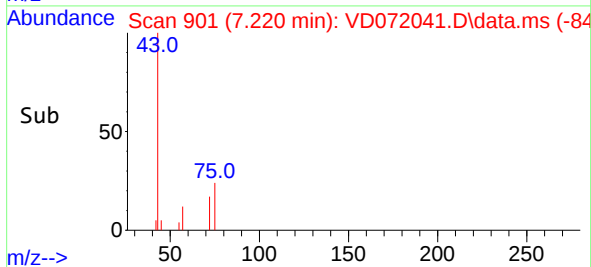
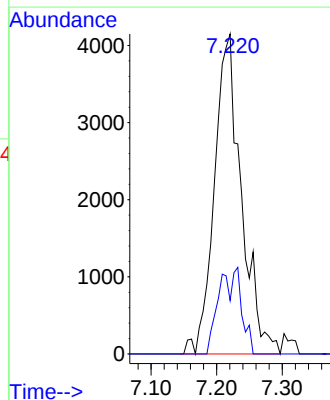
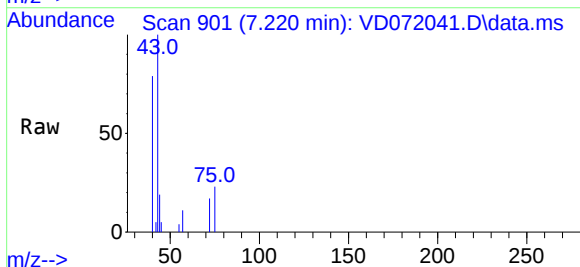
Ion	Ratio	Lower	Upper
84	100		
49	140.0	100.0	150.0
51	44.3	30.2	45.4
86	75.0	52.7	79.1

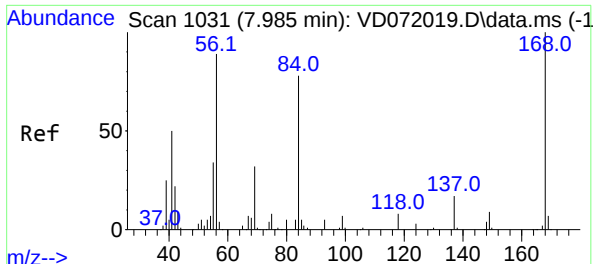


#25
2-Butanone
Concen: 8.045 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 43 Resp: 11836

Ion	Ratio	Lower	Upper
43	100		
72	16.7	20.3	30.5

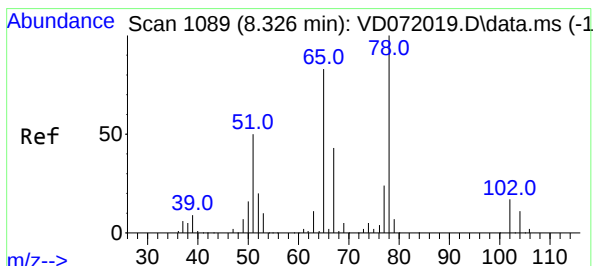
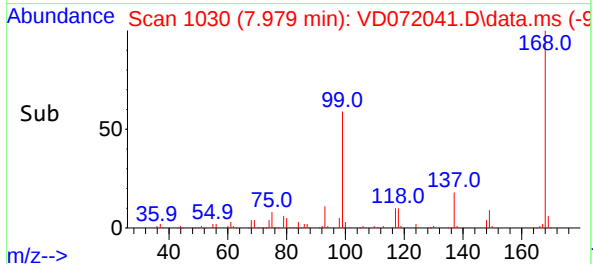
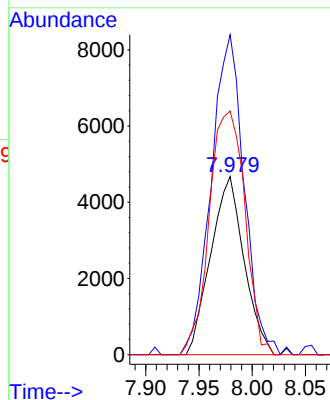
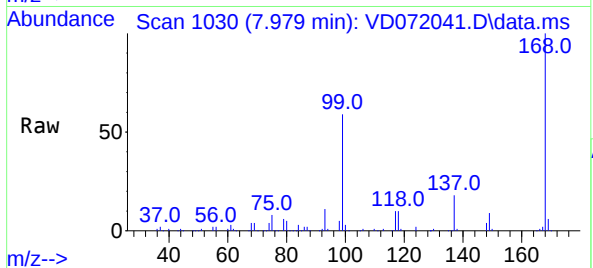




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

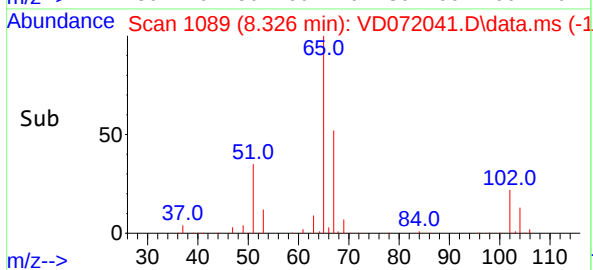
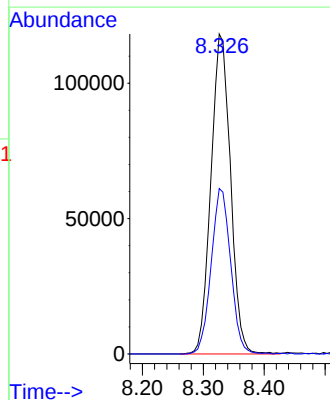
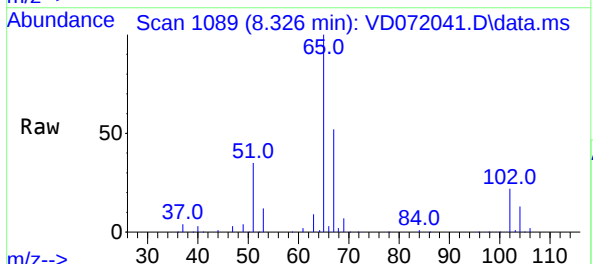
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

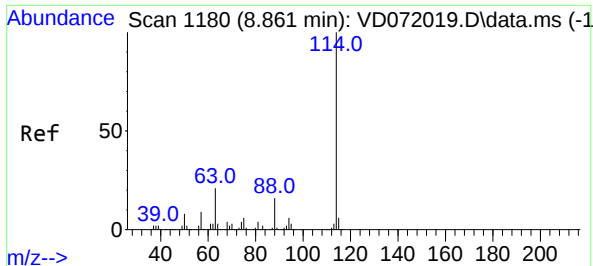
Tgt Ion: 56 Resp: 10182
Ion Ratio Lower Upper
56 100
69 179.8 28.9 43.3#
84 136.9 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 53.622 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 65 Resp: 264100
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072041.D

Acq: 21 Feb 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

CC-B6

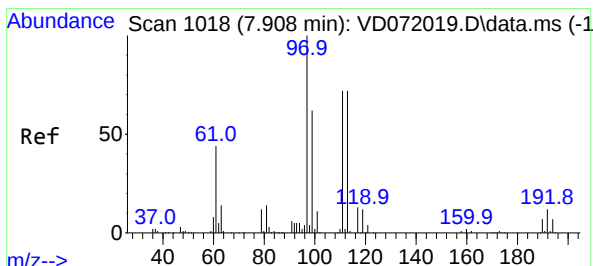
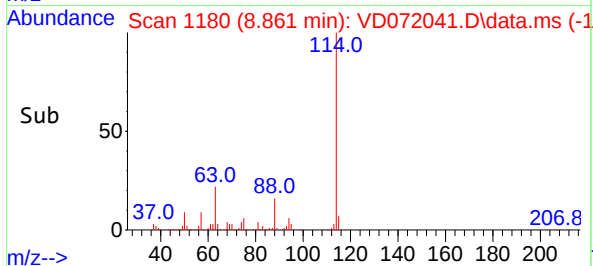
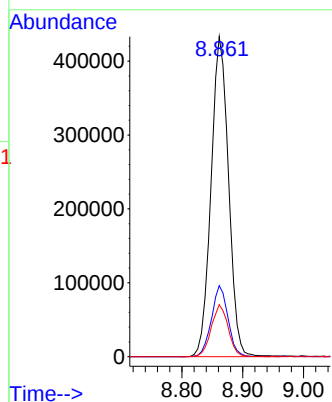
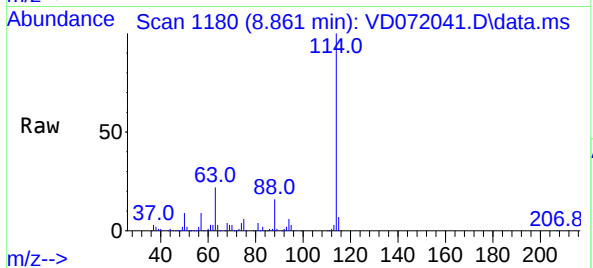
Tgt Ion:114 Resp: 863910

Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.2

88 16.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 29.900 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072041.D

Acq: 21 Feb 2022 19:19

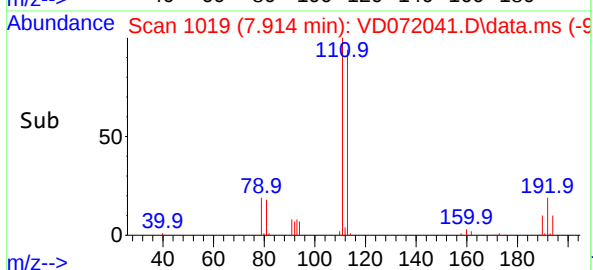
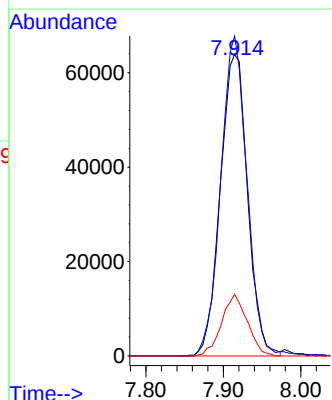
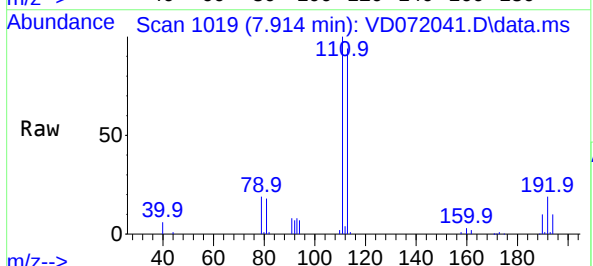
Tgt Ion:113 Resp: 156501

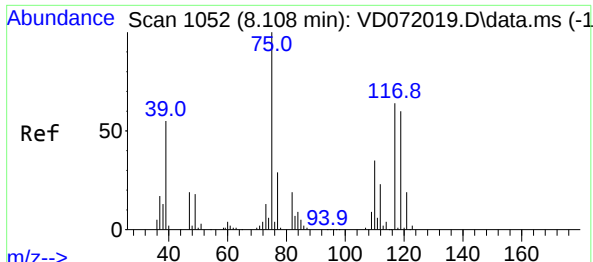
Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

192 19.3 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.977 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072041.D

Acq: 21 Feb 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

CC-B6

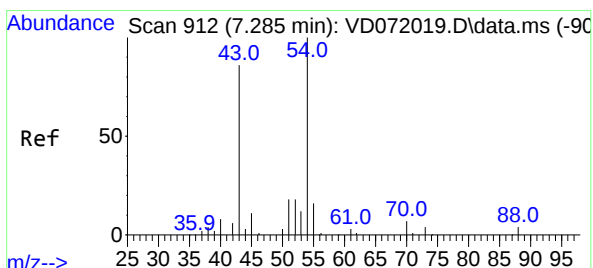
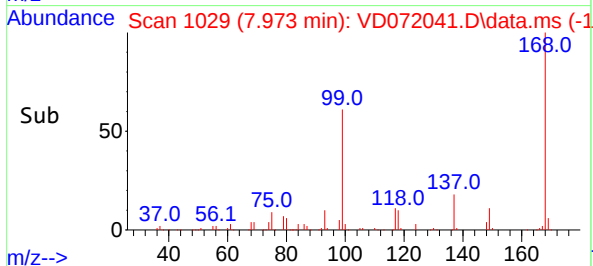
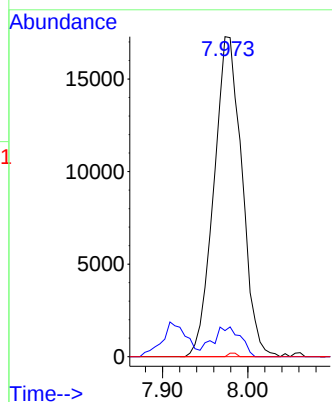
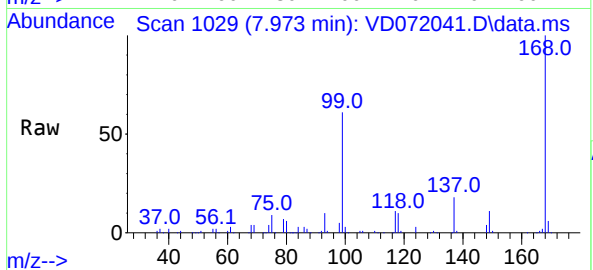
Tgt Ion: 75 Resp: 39464

Ion Ratio Lower Upper

75 100

110 9.2 17.7 53.1#

77 0.3 24.8 37.2#



#37

Ethyl Acetate

Concen: 3.219 ug/l

RT: 7.220 min Scan# 901

Delta R.T. -0.064 min

Lab File: VD072041.D

Acq: 21 Feb 2022 19:19

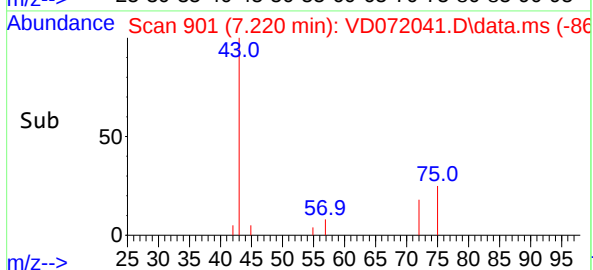
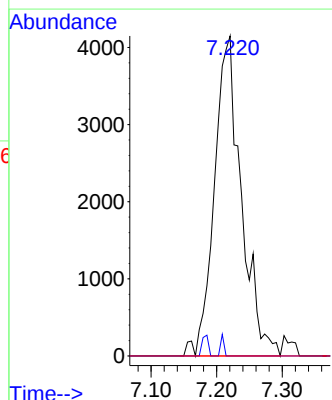
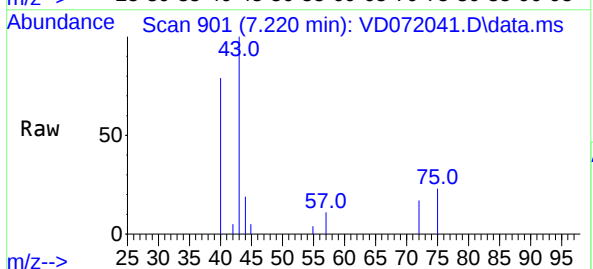
Tgt Ion: 43 Resp: 11836

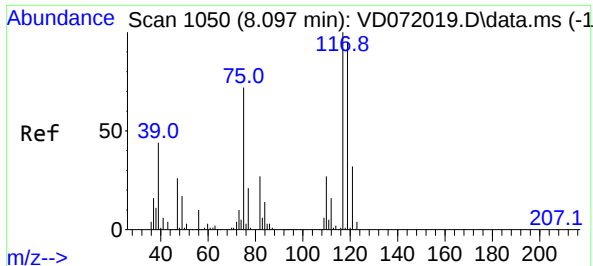
Ion Ratio Lower Upper

43 100

61 0.8 9.8 14.8#

70 0.0 7.4 11.2#

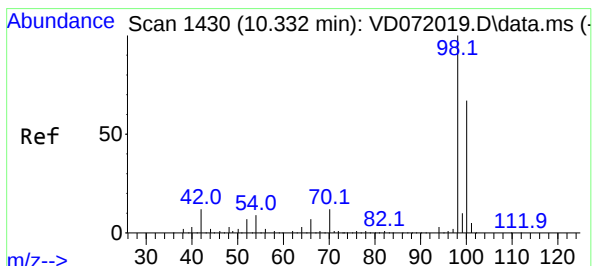
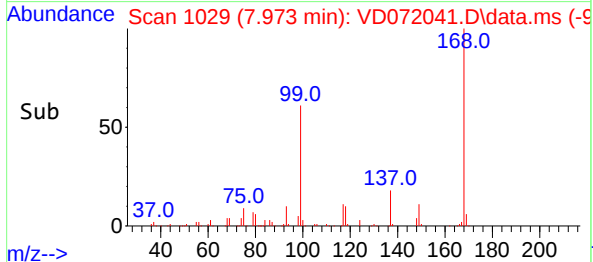
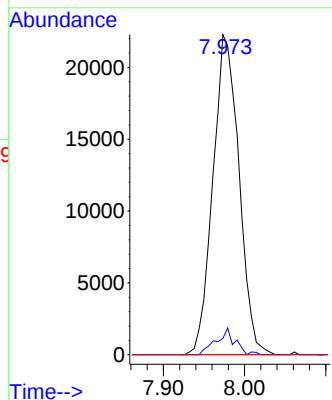
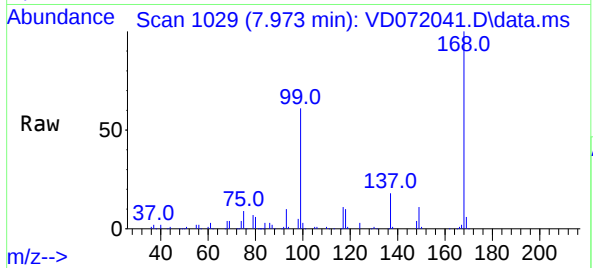




#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

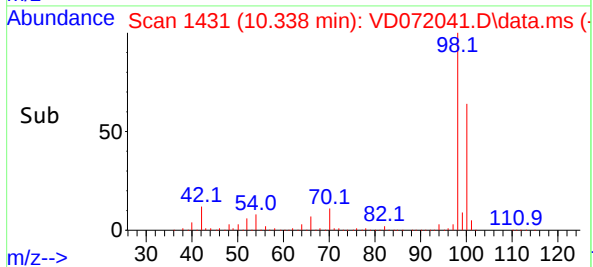
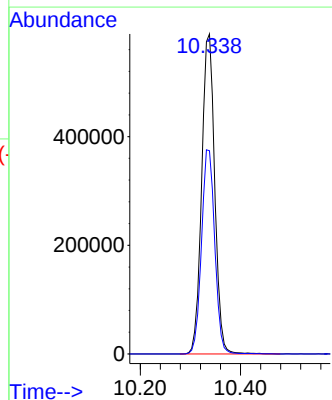
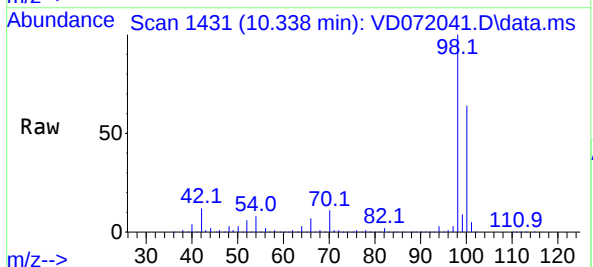
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

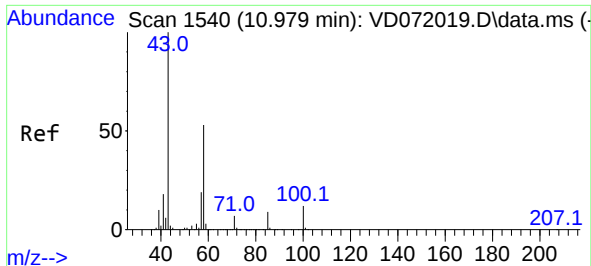
Tgt Ion:117 Resp: 49678
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 54.665 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 98 Resp: 1061078
Ion Ratio Lower Upper
98 100
100 65.1 53.8 80.6

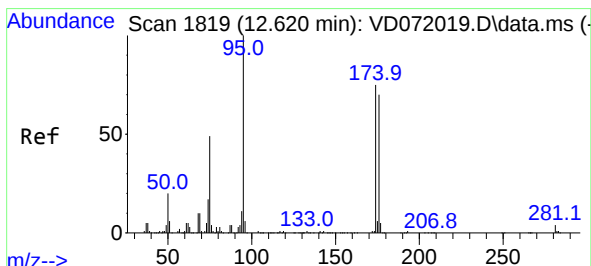
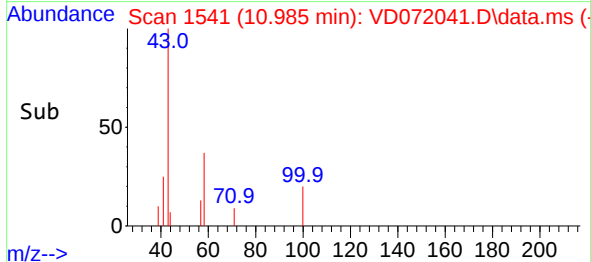
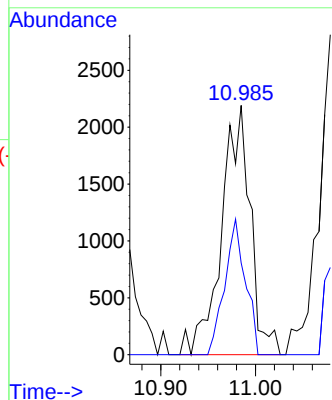
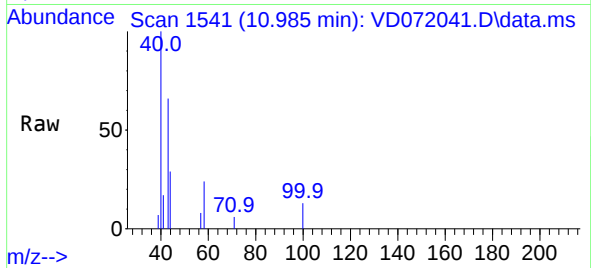




#59
2-Hexanone
Concen: 1.879 ug/l
RT: 10.985 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

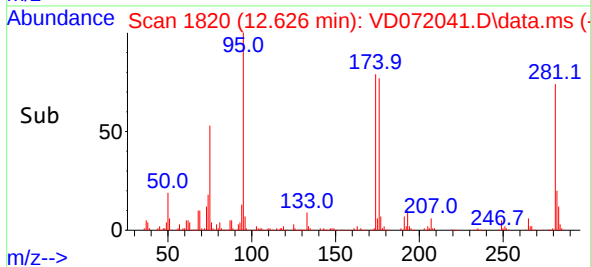
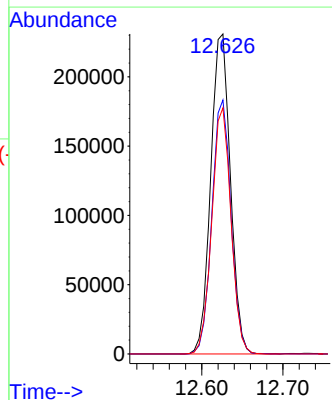
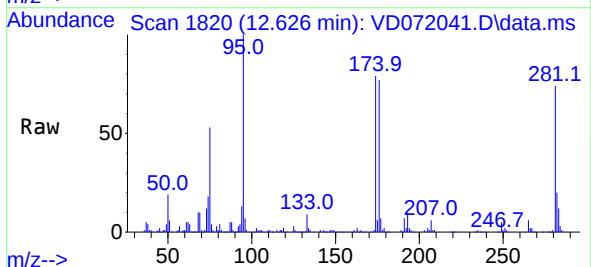
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

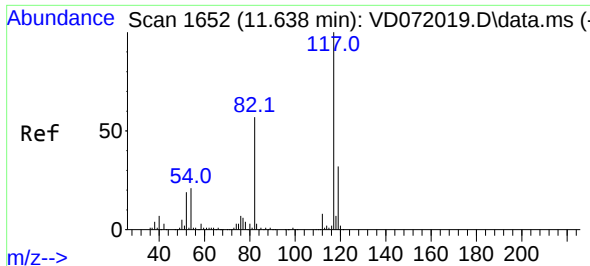
Tgt Ion: 43 Resp: 4651
Ion Ratio Lower Upper
43 100
58 38.8 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 54.535 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 95 Resp: 388835
Ion Ratio Lower Upper
95 100
174 77.2 0.0 155.0
176 74.9 0.0 148.8

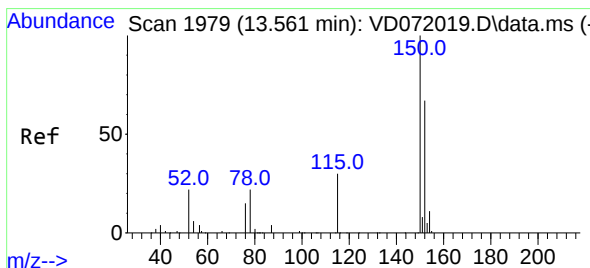
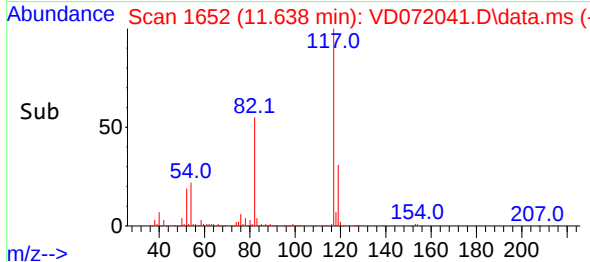
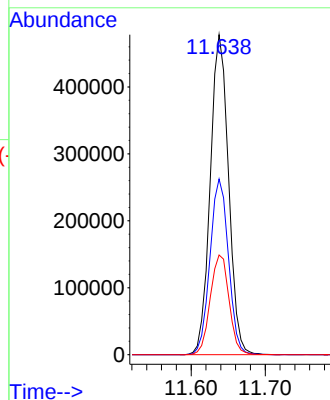
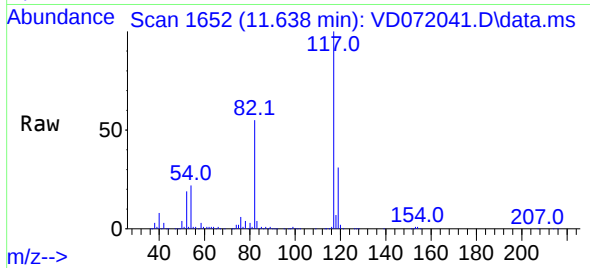




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

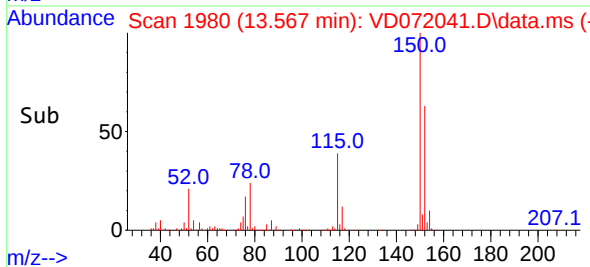
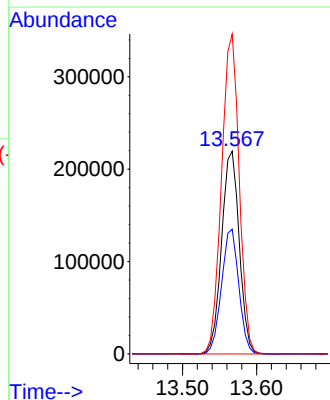
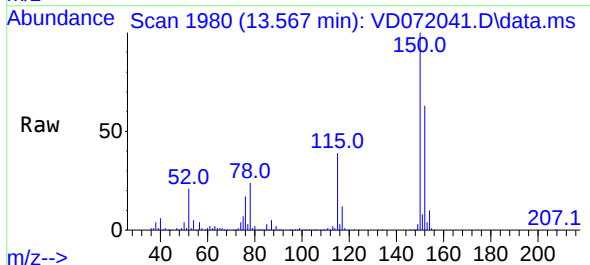
Instrument :
MSVOA_D
ClientSampleId :
CC-B6

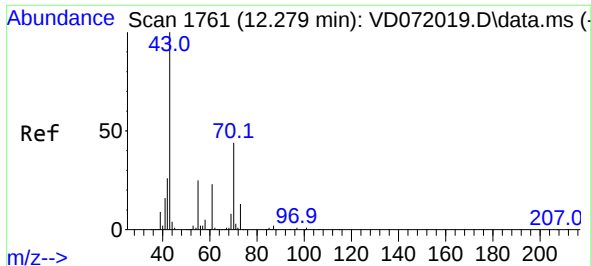
Tgt Ion:117 Resp: 820326
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion:152 Resp: 363028
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 157.9 0.0 347.6



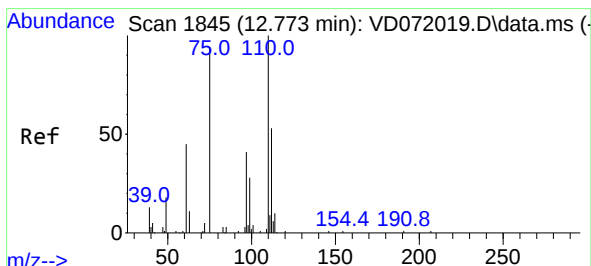
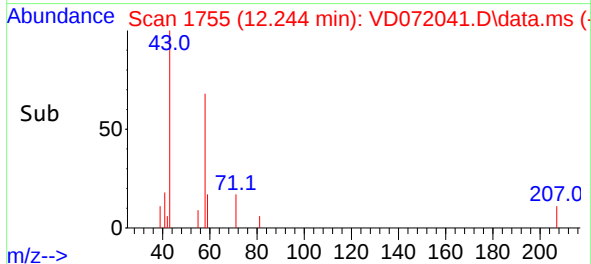
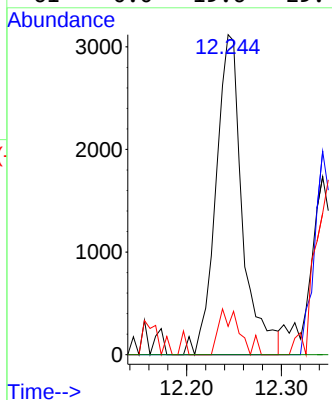
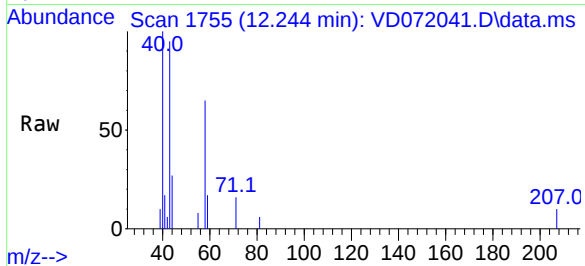


#74
N-amy1 acetate
Concen: 1.010 ug/l
RT: 12.244 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
CC-B6

Tgt Ion: 43 Resp: 6079

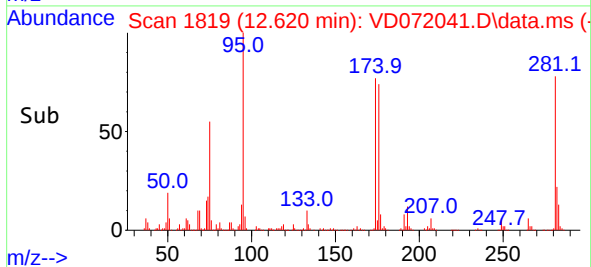
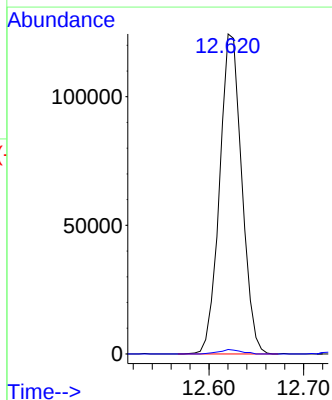
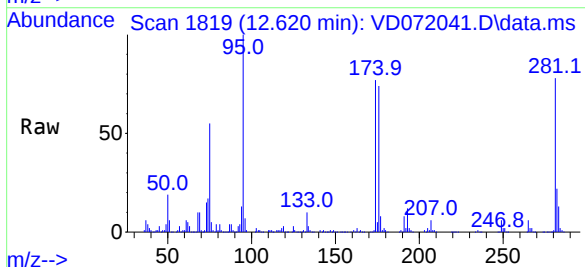
Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.2	49.8#
55	10.1	20.6	30.8#
61	0.0	19.6	29.4#

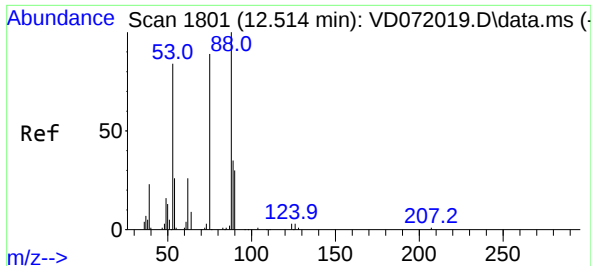


#76
1,2,3-Trichloropropane
Concen: 58.983 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Tgt Ion: 75 Resp: 202824

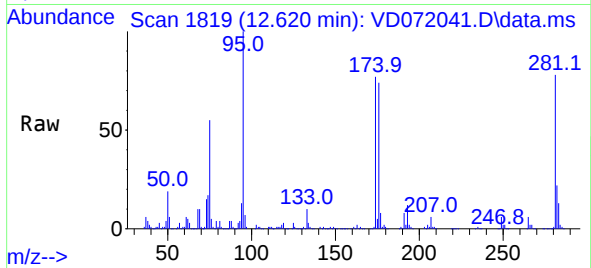
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 147.706 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072041.D
Acq: 21 Feb 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
CC-B6



Tgt Ion: 75 Resp: 202824
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 1.3 36.4 54.6#

