

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072044.D
 Acq On : 21 Feb 2022 20:44
 Operator : VA/SY
 Sample : N1626-15
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A8

Quant Time: Feb 22 01:09:49 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)

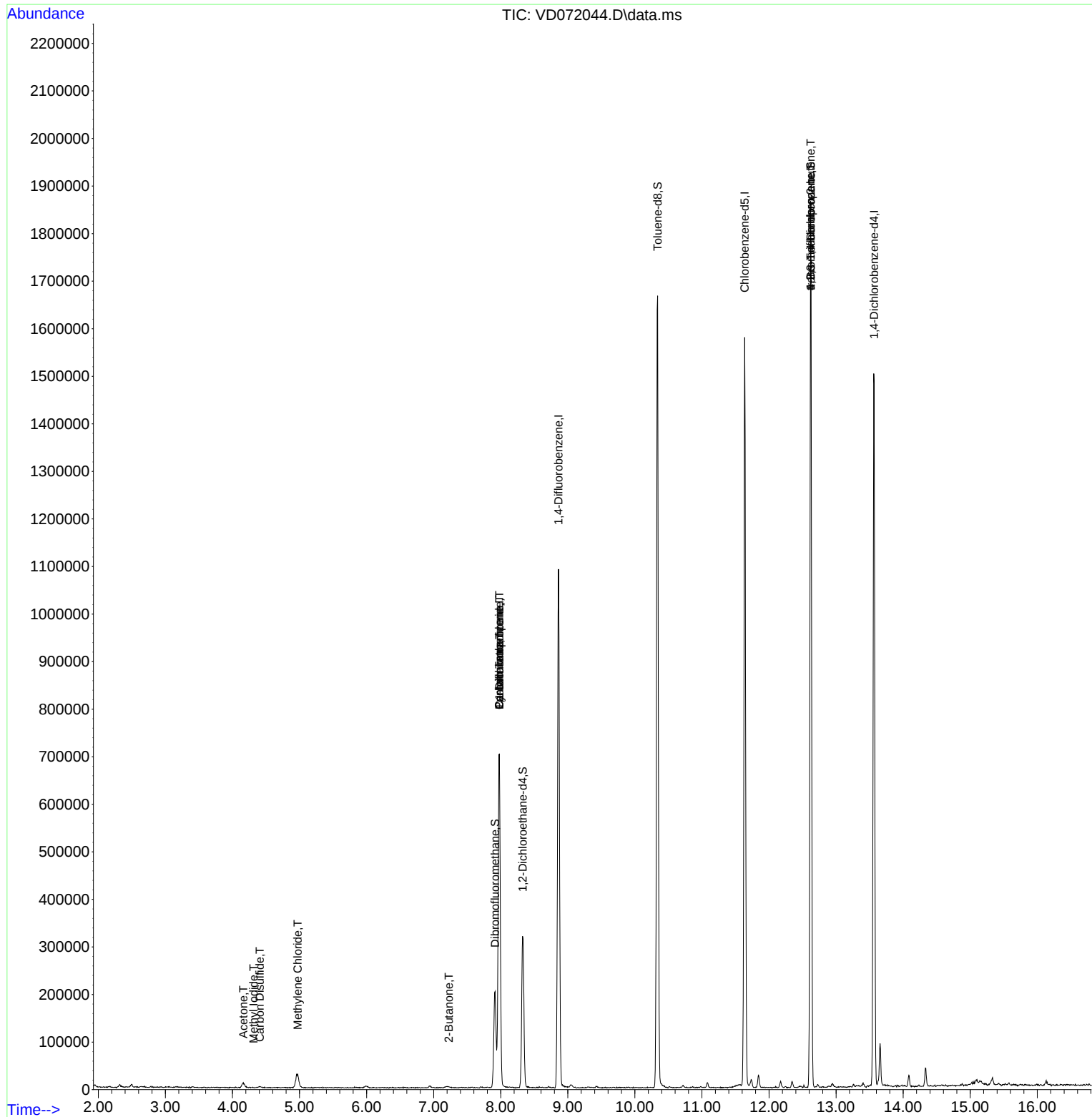
Internal Standards						
1) Pentafluorobenzene	7.979	168	524958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	914222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	873043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	400940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	264394	48.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.914	113	150245	27.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.240%
50) Toluene-d8	10.338	98	1137140	55.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.620	95	412799	54.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.420%
Target Compounds						
5) Bromomethane	2.785	94	412	Below Cal	#	70
10) Methyl Iodide	4.315	142	323	2.975	ug/l #	40
16) Acetone	4.162	43	18954	16.106	ug/l	90
17) Carbon Disulfide	4.409	76	5016	1.032	ug/l	99
18) Methyl Acetate	4.703	43	54	Below Cal	#	52
20) Methylene Chloride	4.973	84	22337	3.814	ug/l	94
25) 2-Butanone	7.226	43	3101	1.907	ug/l #	75
31) Cyclohexane	7.979	56	11002	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	42127	5.021	ug/l #	50
38) Carbon Tetrachloride	7.979	117	52977	6.160	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	217783	57.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	217783	143.603	ug/l #	10

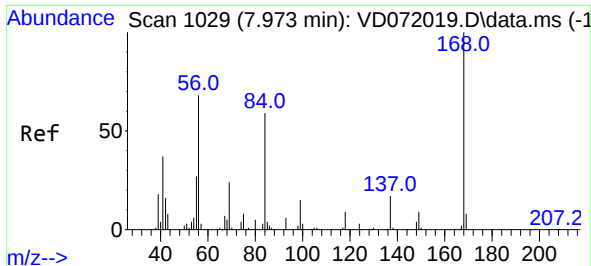
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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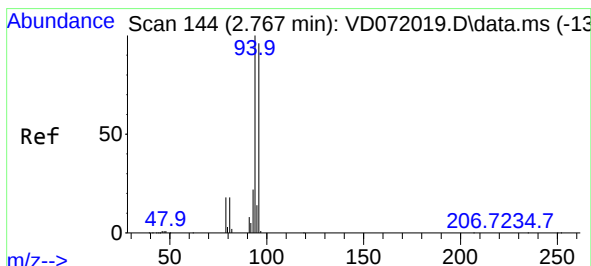
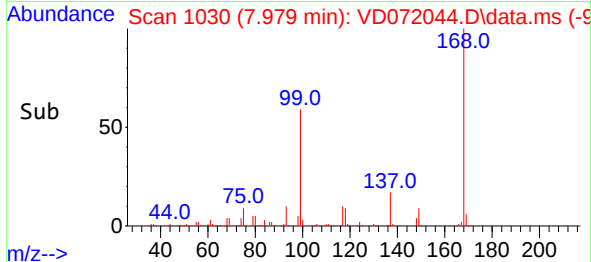
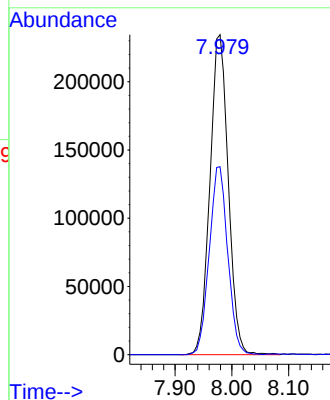
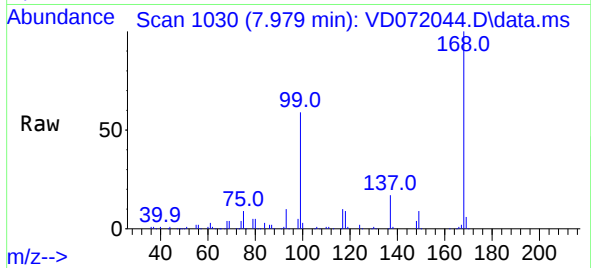




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

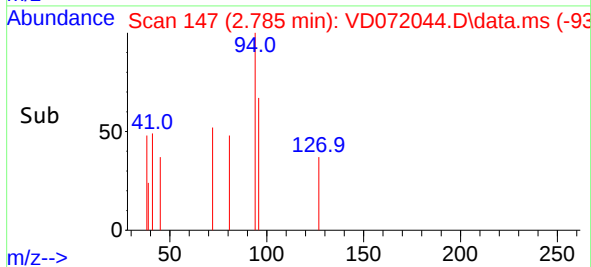
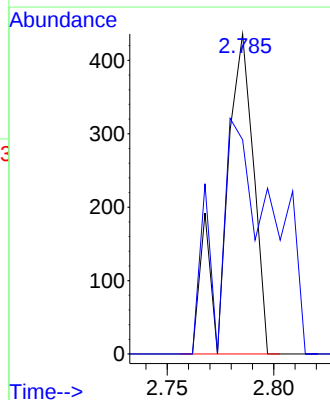
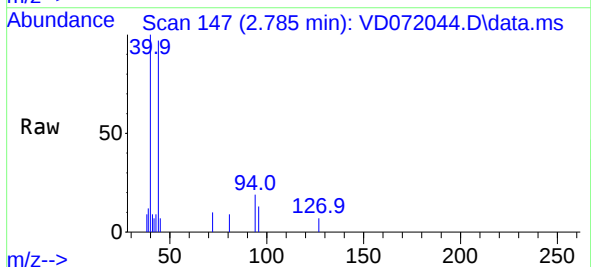
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

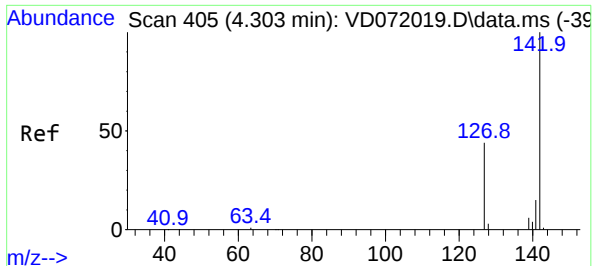
Tgt Ion:168 Resp: 524958
Ion Ratio Lower Upper
168 100
99 58.8 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 67.0 76.8 115.2#

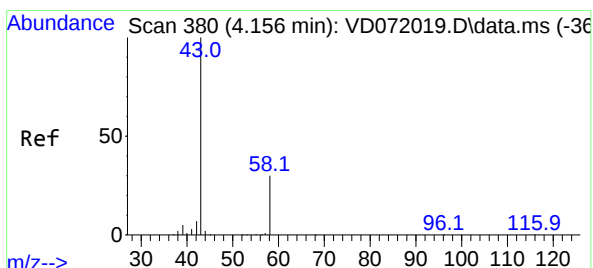
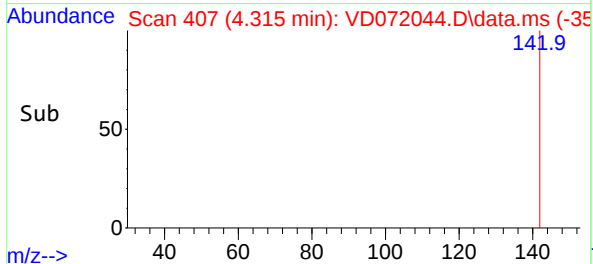
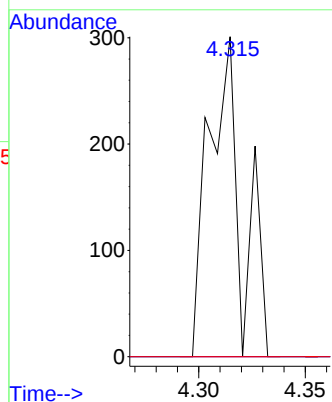
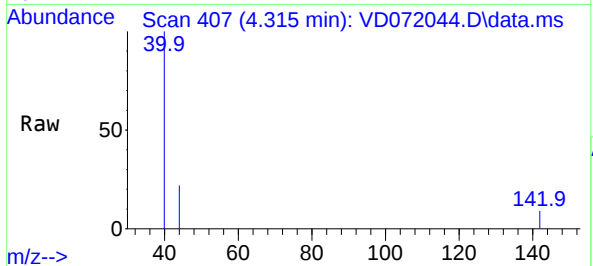




#10
Methyl Iodide
Concen: 2.975 ug/l
RT: 4.315 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

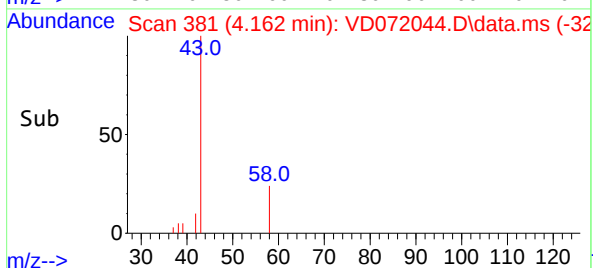
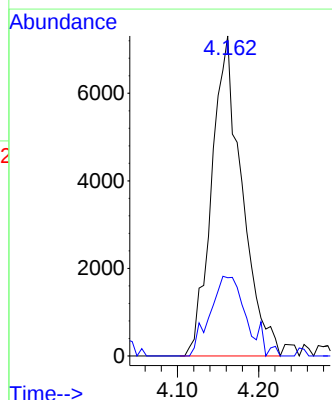
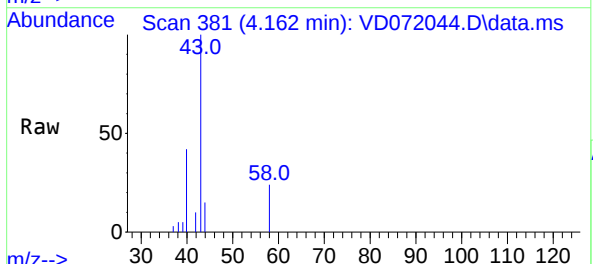
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

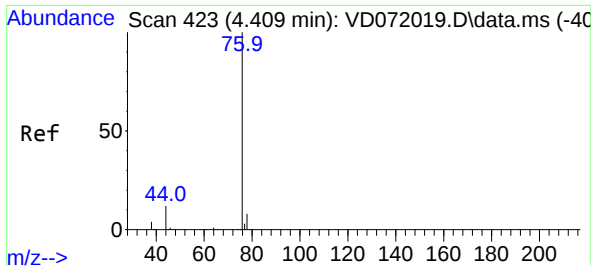
Tgt Ion:142 Resp: 323
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 16.106 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 43 Resp: 18954
Ion Ratio Lower Upper
43 100
58 24.4 23.8 35.6

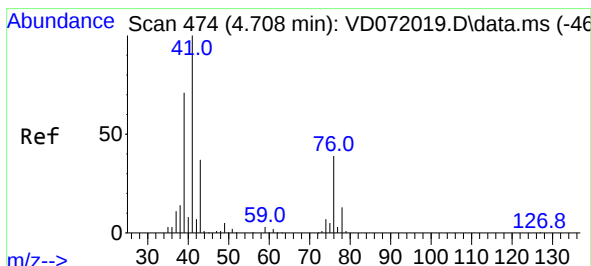
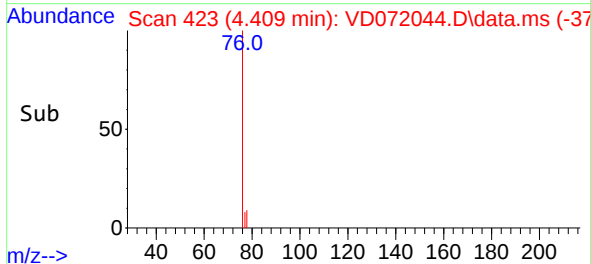
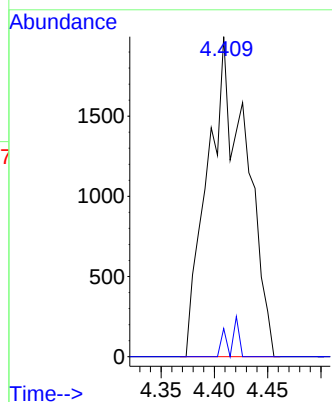
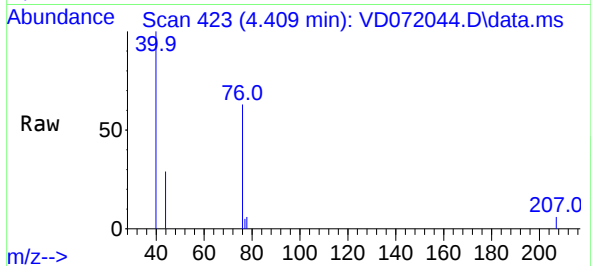




#17
Carbon Disulfide
Concen: 1.032 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

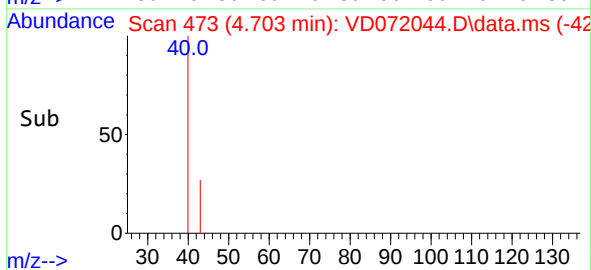
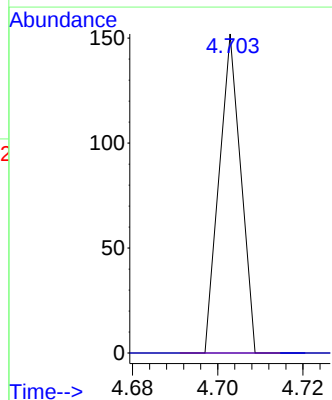
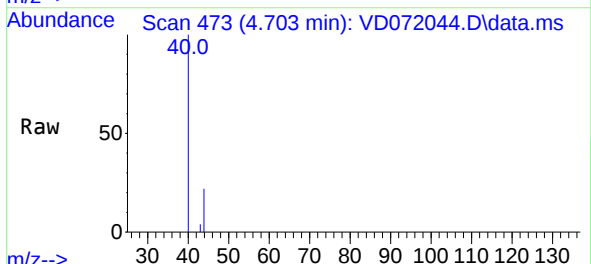
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

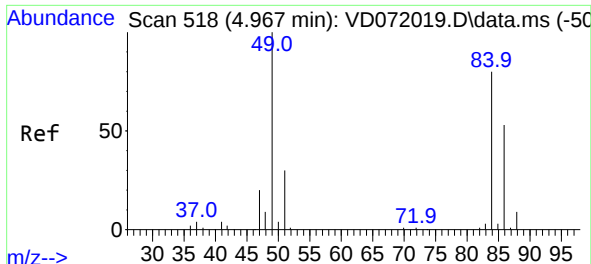
Tgt Ion: 76 Resp: 5016
Ion Ratio Lower Upper
76 100
78 8.8 6.7 10.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



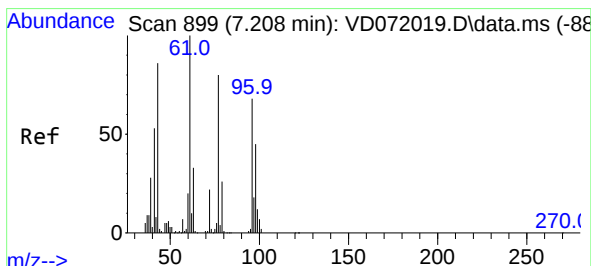
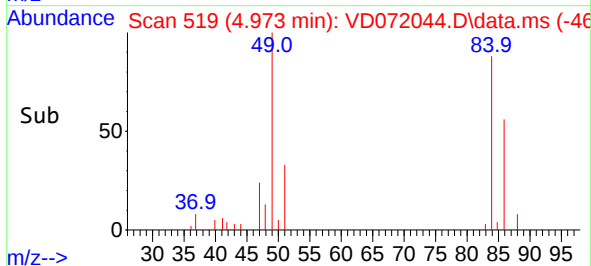
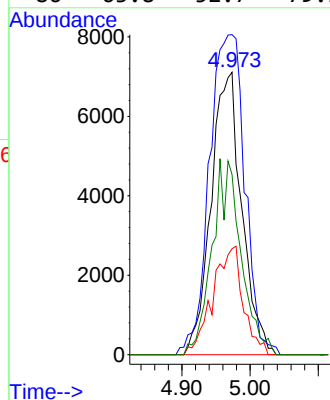
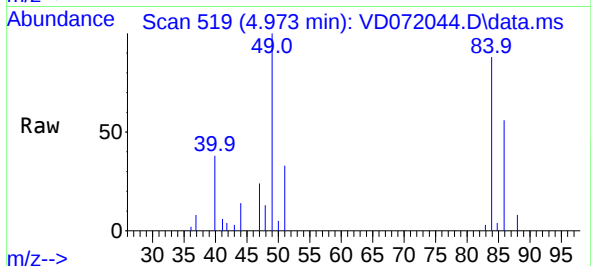


#20
Methylene Chloride
Concen: 3.814 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
CC-A8

Tgt Ion: 84 Resp: 22337

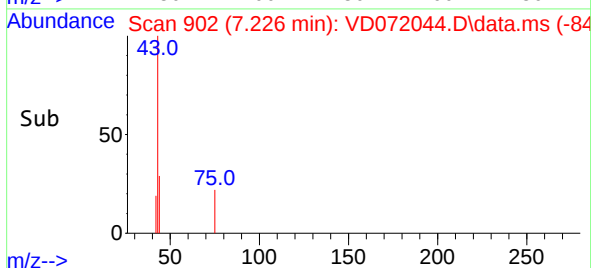
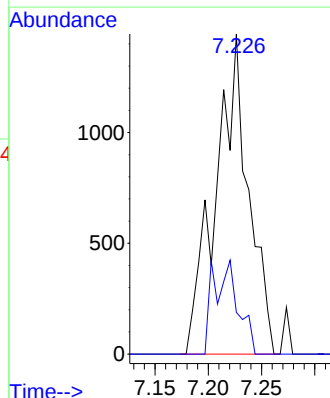
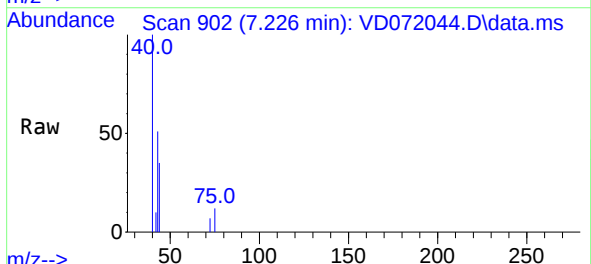
Ion	Ratio	Lower	Upper
84	100		
49	113.3	100.0	150.0
51	37.5	30.2	45.4
86	63.8	52.7	79.1

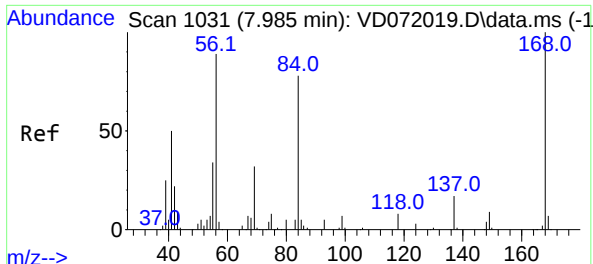


#25
2-Butanone
Concen: 1.907 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.018 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 43 Resp: 3101

Ion	Ratio	Lower	Upper
43	100		
72	13.0	20.3	30.5

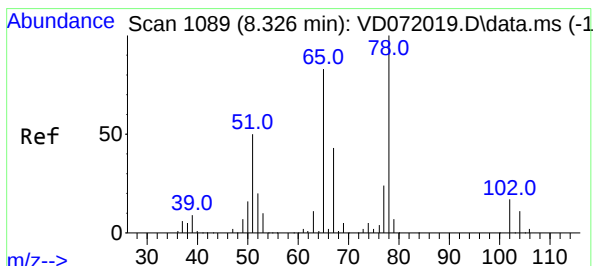
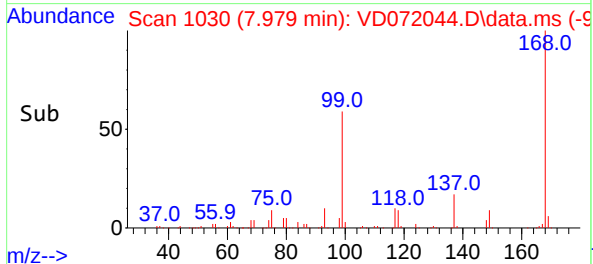
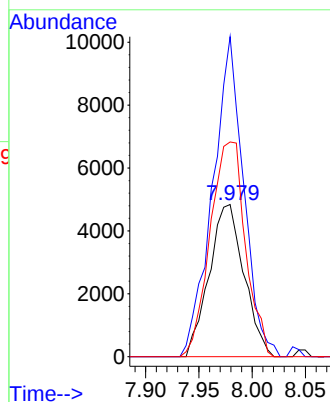
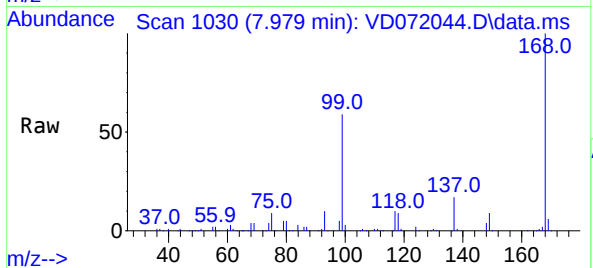




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

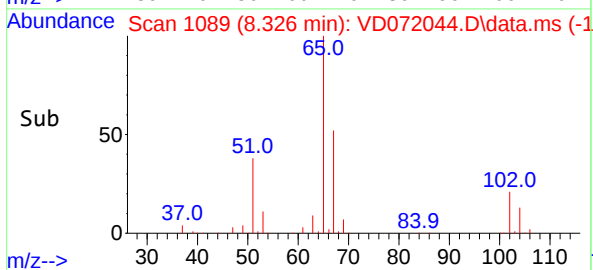
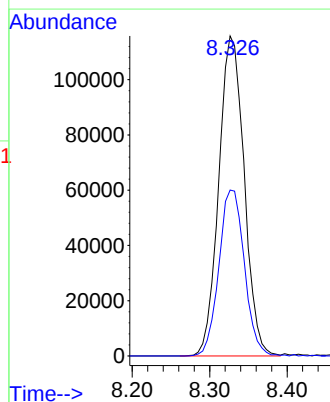
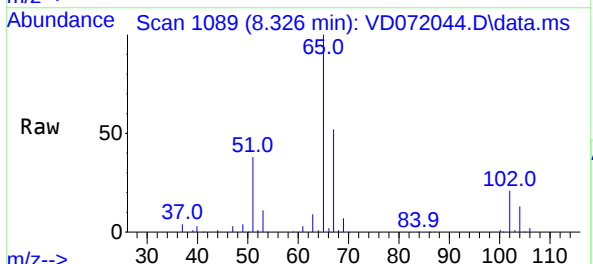
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

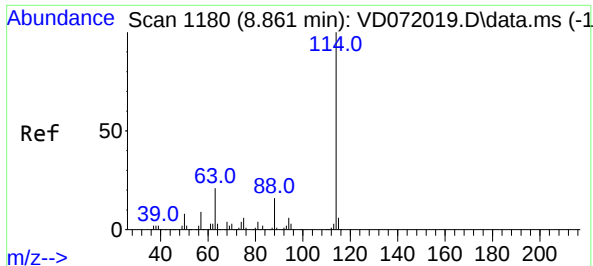
Tgt Ion: 56 Resp: 11002
Ion Ratio Lower Upper
56 100
69 210.4 28.9 43.3#
84 141.1 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 48.554 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 65 Resp: 264394
Ion Ratio Lower Upper
65 100
67 52.0 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: VD072044.D

Acq: 21 Feb 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

CC-A8

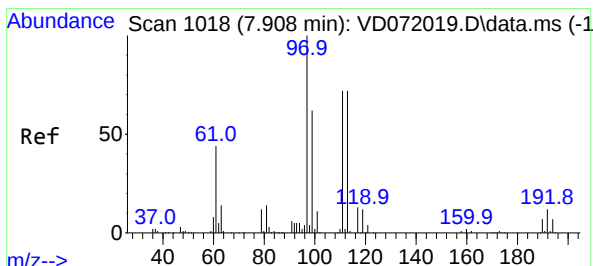
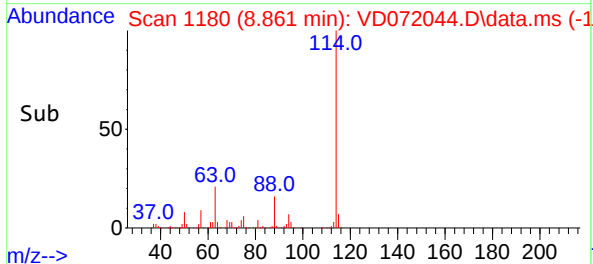
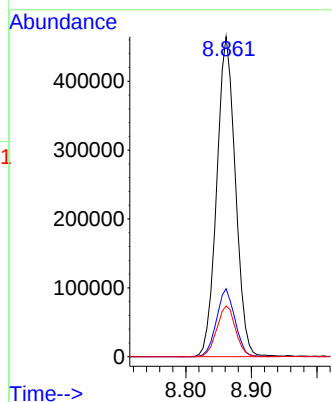
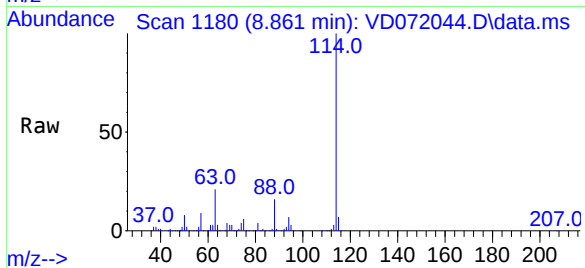
Tgt Ion:114 Resp: 914222

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.2

88 15.8 0.0 31.2



#35

Dibromofluoromethane

Concen: 27.125 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072044.D

Acq: 21 Feb 2022 20:44

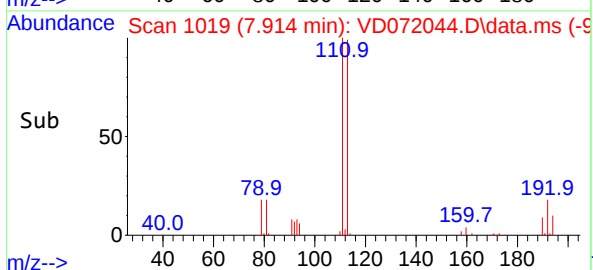
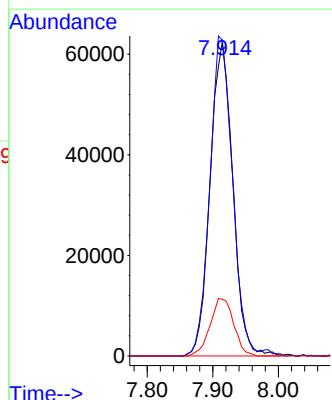
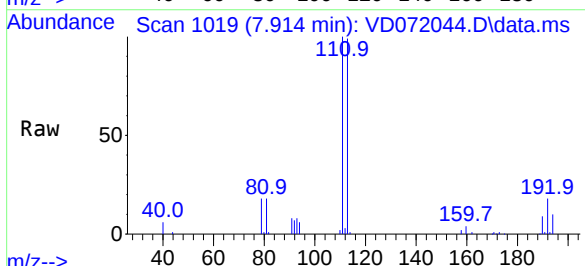
Tgt Ion:113 Resp: 150245

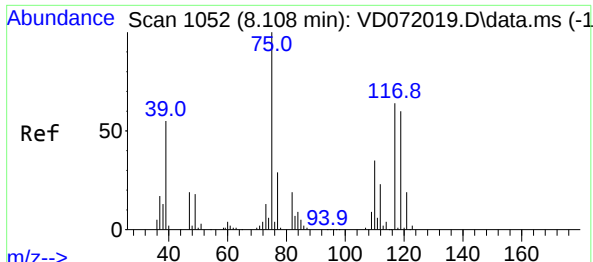
Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

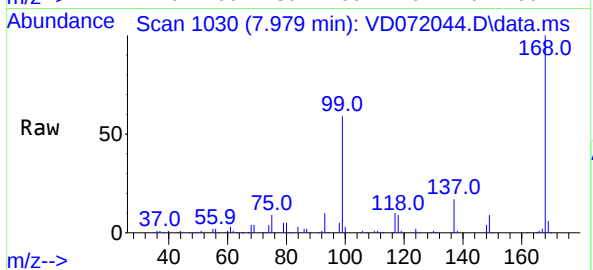
192 19.0 15.3 22.9



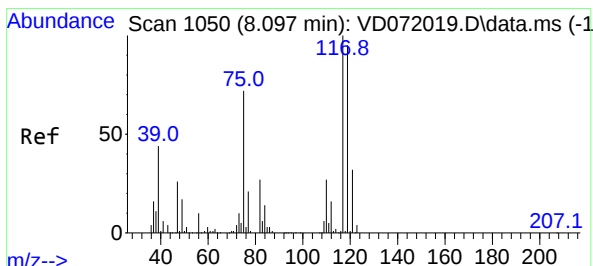
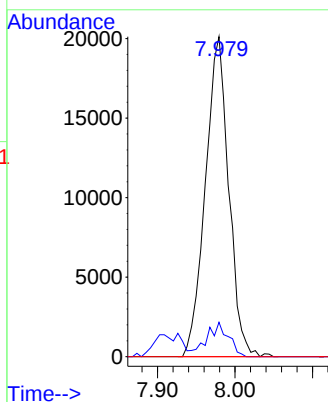
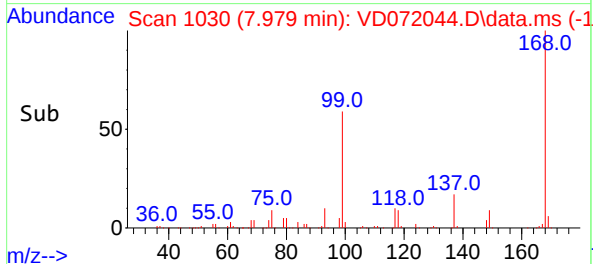


#36
1,1-Dichloropropene
Concen: 5.021 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

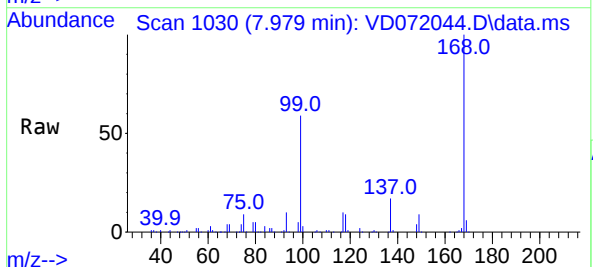
Instrument :
MSVOA_D
ClientSampleId :
CC-A8



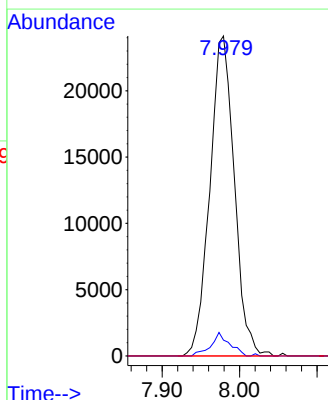
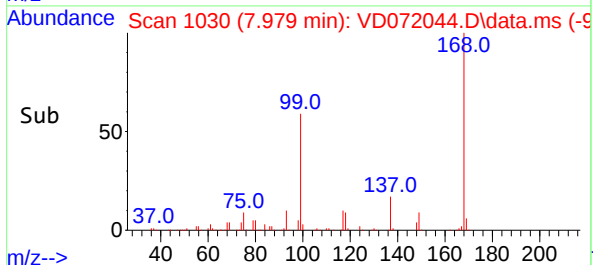
Tgt Ion: 75 Resp: 42127
Ion Ratio Lower Upper
75 100
110 9.7 17.7 53.1#
77 0.0 24.8 37.2#

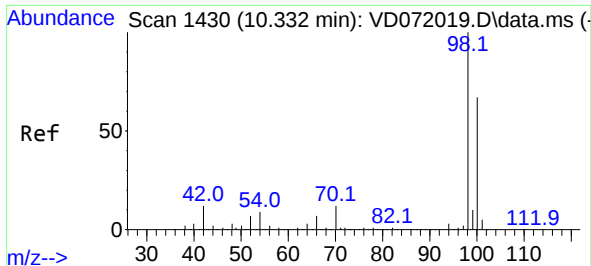


#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44



Tgt Ion: 117 Resp: 52977
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 25.8 38.6#

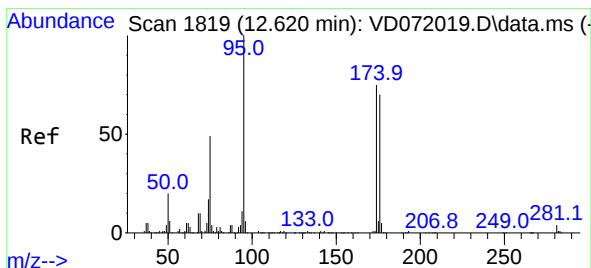
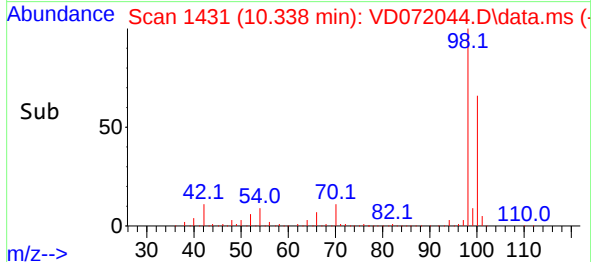
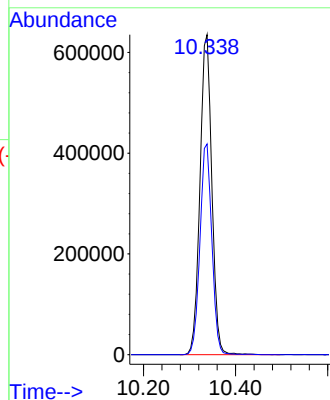
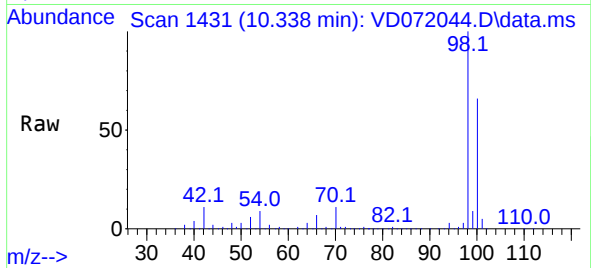




#50
Toluene-d8
Concen: 55.360 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

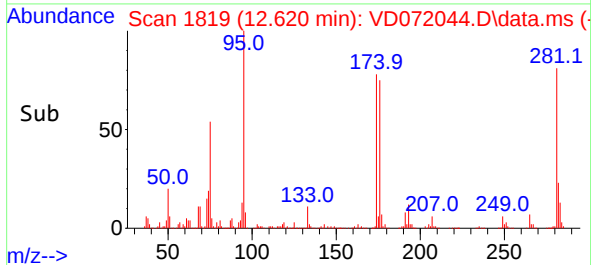
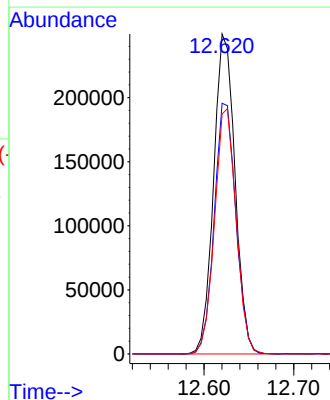
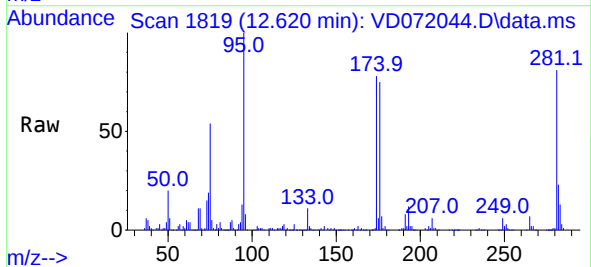
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

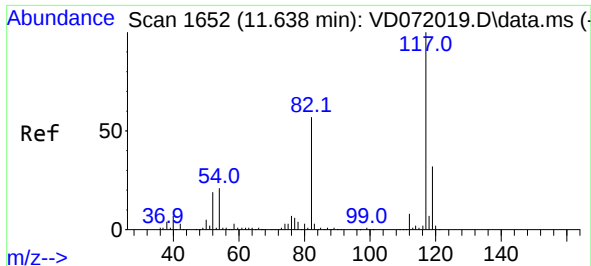
Tgt Ion: 98 Resp: 1137140
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.710 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 95 Resp: 412799
Ion Ratio Lower Upper
95 100
174 79.5 0.0 155.0
176 77.1 0.0 148.8

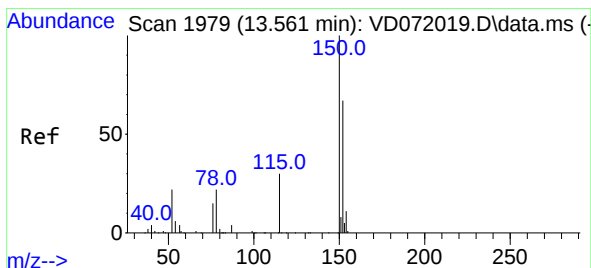
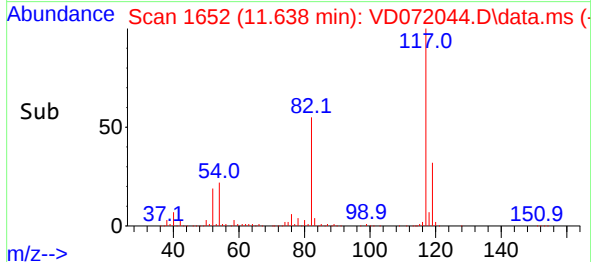
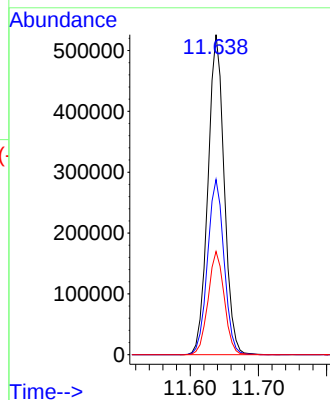
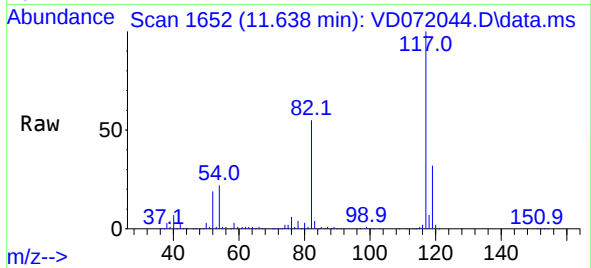




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

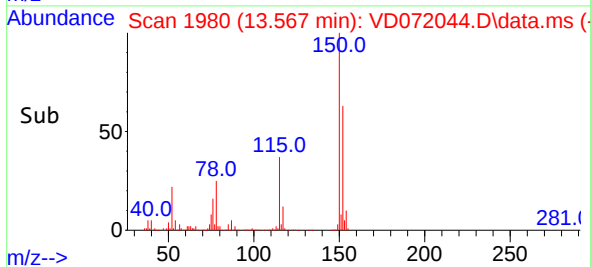
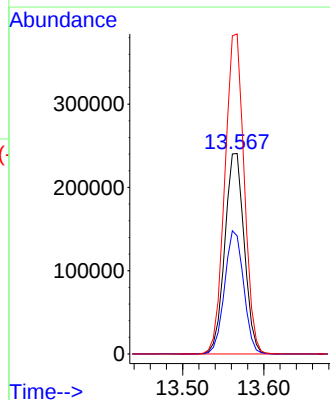
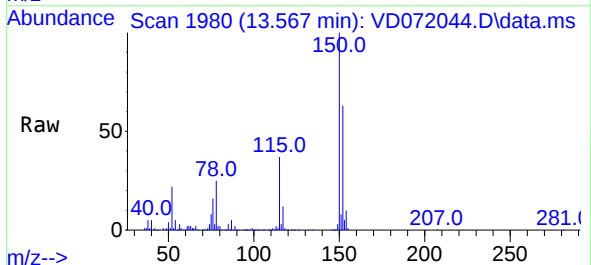
Instrument :
MSVOA_D
ClientSampleId :
CC-A8

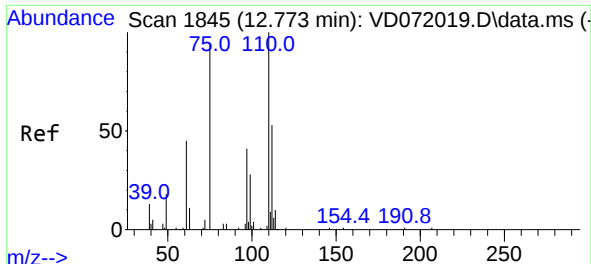
Tgt Ion:117 Resp: 873043
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion:152 Resp: 400940
Ion Ratio Lower Upper
152 100
115 60.2 29.9 89.7
150 158.8 0.0 347.6

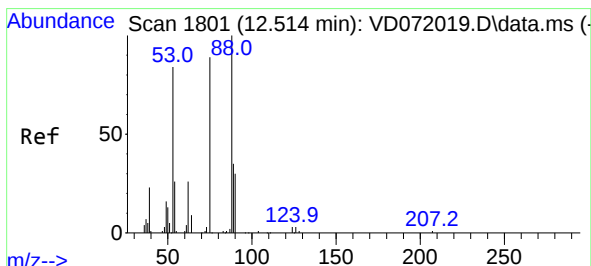
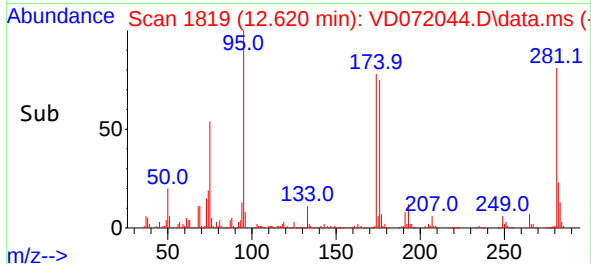
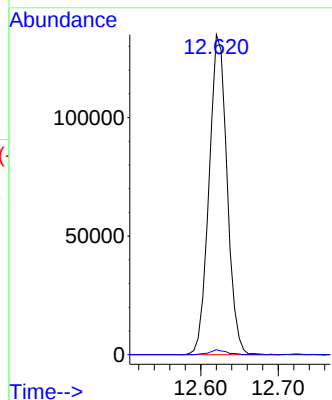
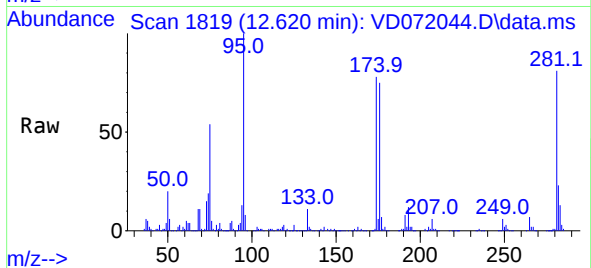




#76
1,2,3-Trichloropropane
Concen: 57.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
CC-A8

Tgt Ion: 75 Resp: 217783
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.603 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072044.D
Acq: 21 Feb 2022 20:44

Tgt Ion: 75 Resp: 217783
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 1.1 36.4 54.6#

