

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072038.D
 Acq On : 21 Feb 2022 17:54
 Operator : VA/SY
 Sample : N1626-09
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A5

Quant Time: Feb 22 01:07:14 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)

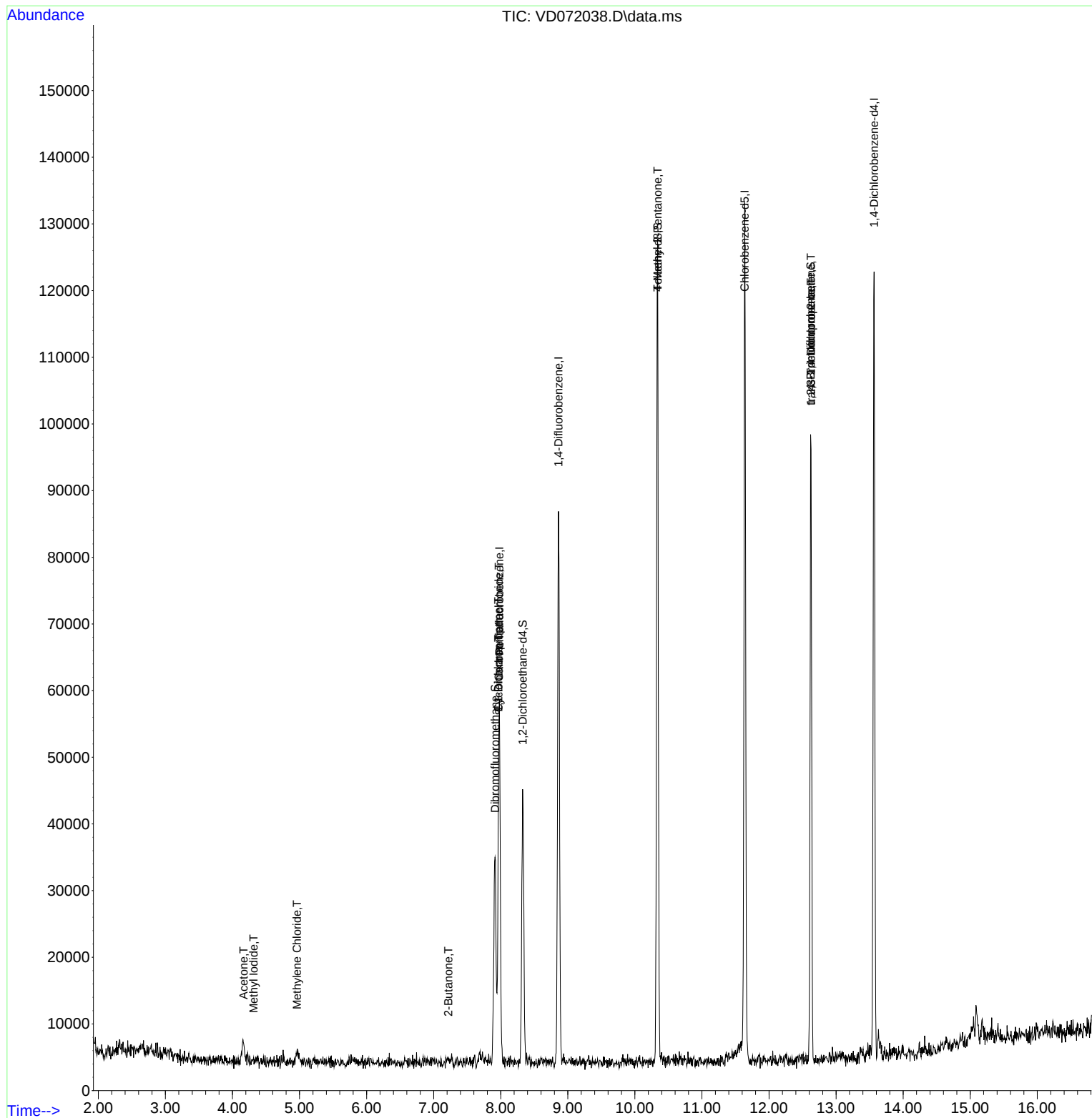
Internal Standards						
1) Pentafluorobenzene	7.979	168	40484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	68252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	73341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	31505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	31873	75.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.800%	
35) Dibromofluoromethane	7.914	113	22878	55.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.660%	
50) Toluene-d8	10.338	98	83812	54.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.300%	
62) 4-Bromofluorobenzene	12.620	95	30805	54.687	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	117	Below Cal	#	2
10) Methyl Iodide	4.315	142	58	3.043	ug/l #	40
16) Acetone	4.168	43	5529	60.921	ug/l	95
20) Methylene Chloride	4.962	84	1631	3.611	ug/l #	64
25) 2-Butanone	7.220	43	866	6.904	ug/l #	50
31) Cyclohexane	7.967	56	1099	1.482	ug/l #	14
36) 1,1-Dichloropropene	7.967	75	4022	6.421	ug/l #	49
38) Carbon Tetrachloride	7.973	117	4480	6.978	ug/l #	20
51) 4-Methyl-2-Pentanone	10.338	43	311	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	15637	52.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	15637	131.218	ug/l #	10

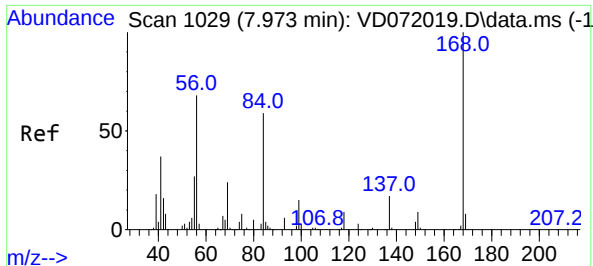
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 01:07:14 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





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072038.D

Acq: 21 Feb 2022 17:54

Instrument :

MSVOA_D

ClientSampleId :

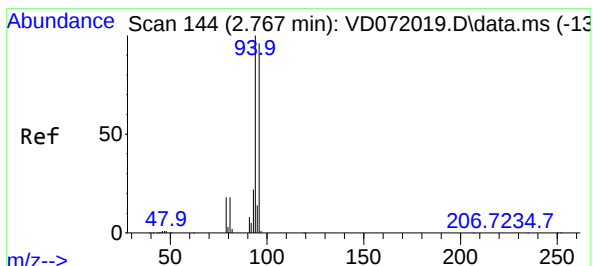
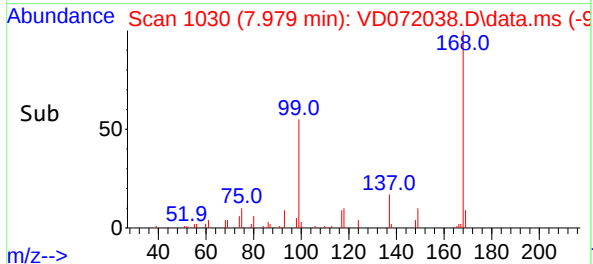
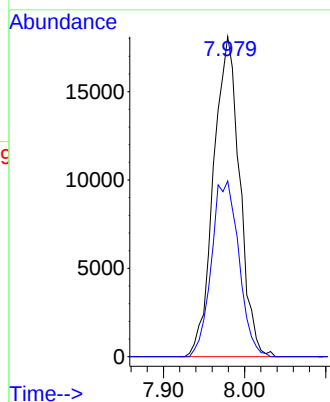
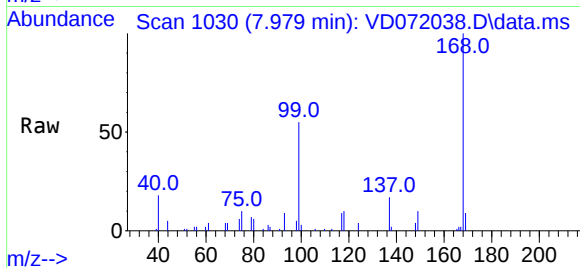
CC-A5

Tgt Ion:168 Resp: 40484

Ion Ratio Lower Upper

168 100

99 54.9 47.1 70.7



#5

Bromomethane

Concen: Below Cal

RT: 2.762 min Scan# 143

Delta R.T. -0.005 min

Lab File: VD072038.D

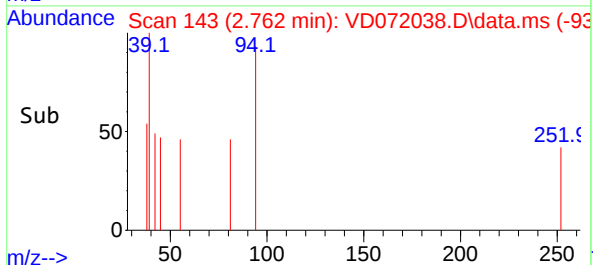
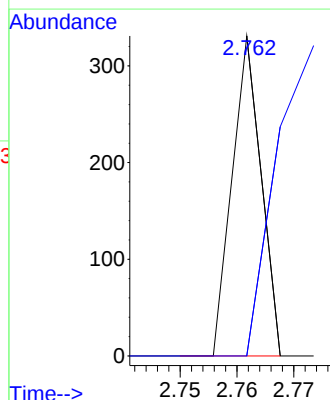
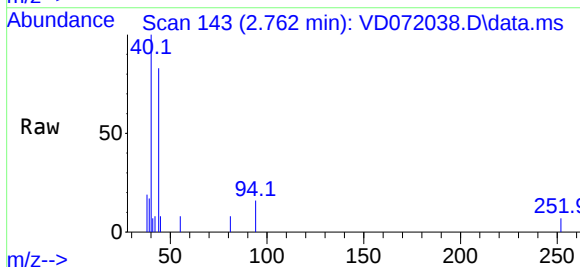
Acq: 21 Feb 2022 17:54

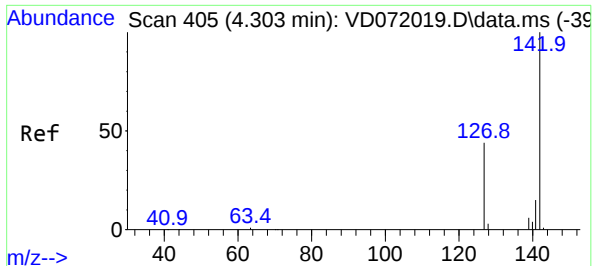
Tgt Ion: 94 Resp: 117

Ion Ratio Lower Upper

94 100

96 0.0 76.8 115.2#

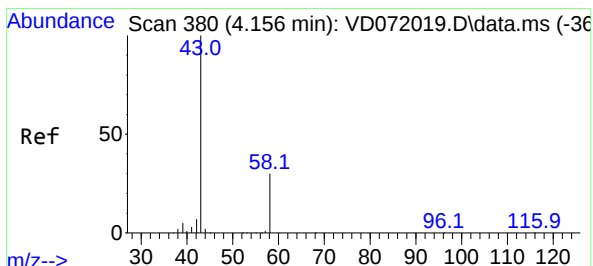
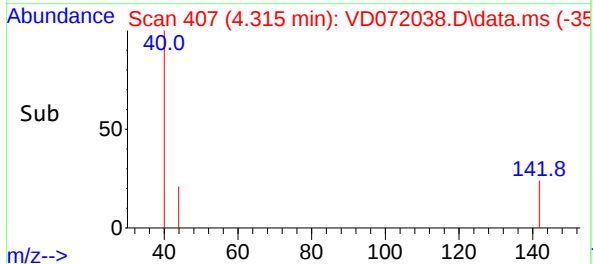
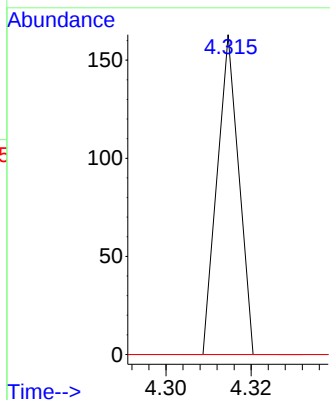
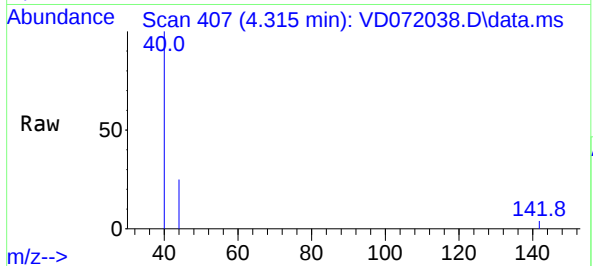




#10
Methyl Iodide
Concen: 3.043 ug/l
RT: 4.315 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

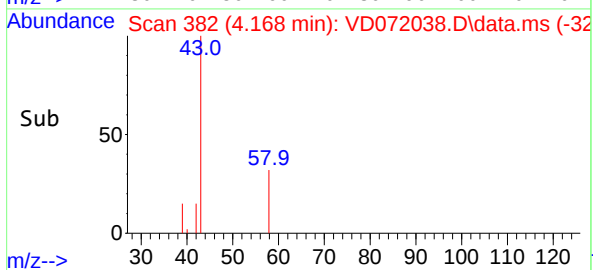
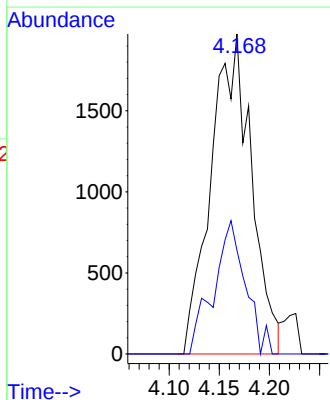
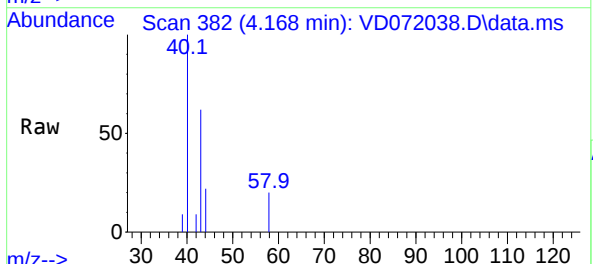
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

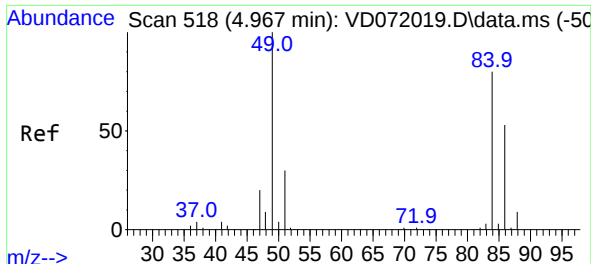
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 60.921 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6

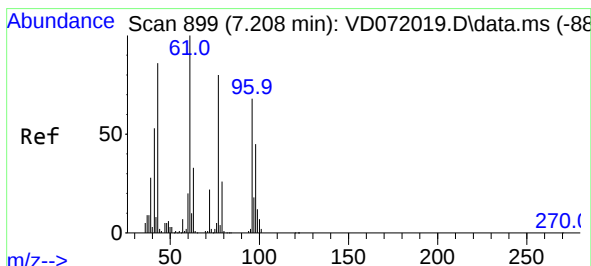
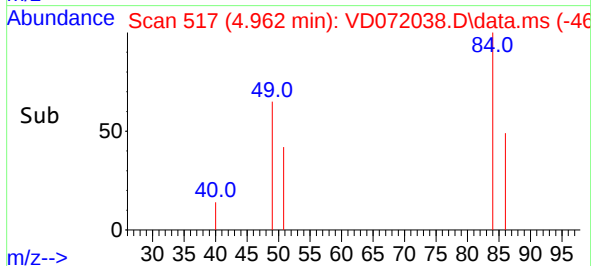
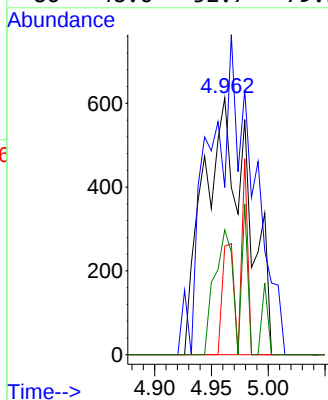
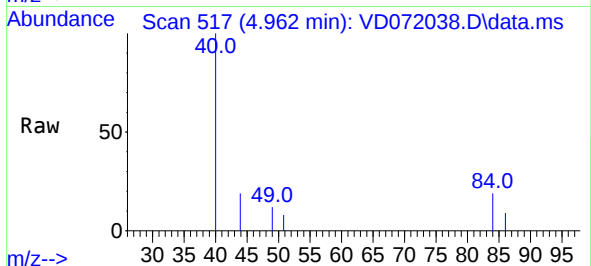




#20
Methylene Chloride
Concen: 3.611 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

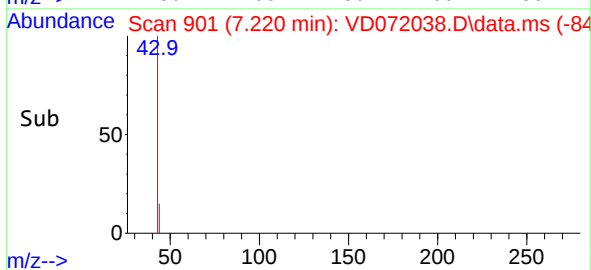
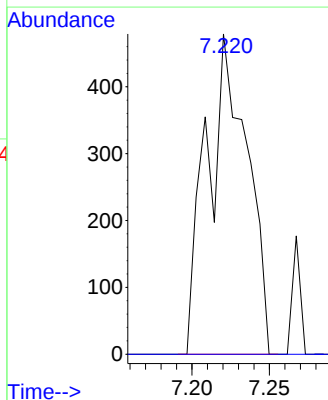
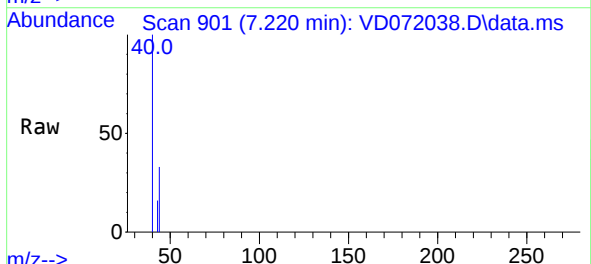
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

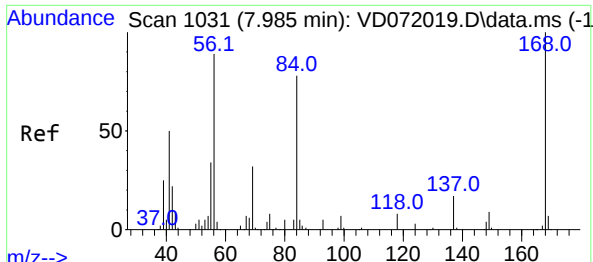
Tgt Ion: 84 Resp: 1631
Ion Ratio Lower Upper
84 100
49 65.1 100.0 150.0#
51 42.3 30.2 45.4
86 48.6 52.7 79.1#



#25
2-Butanone
Concen: 6.904 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 43 Resp: 866
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#

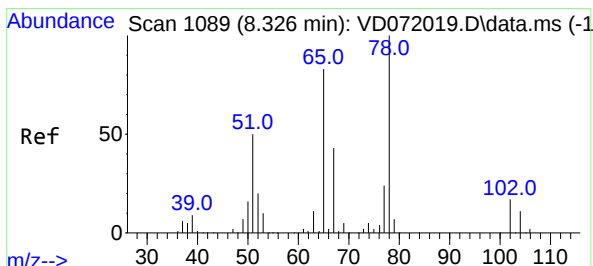
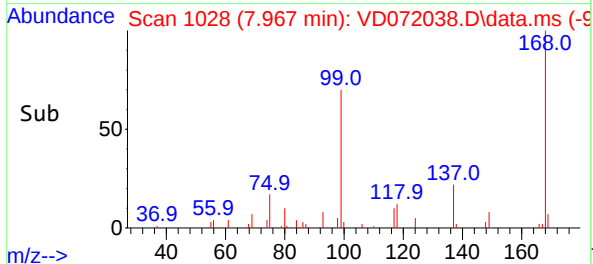
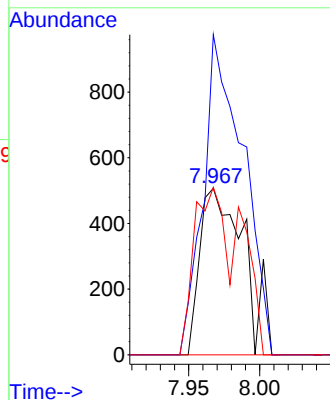
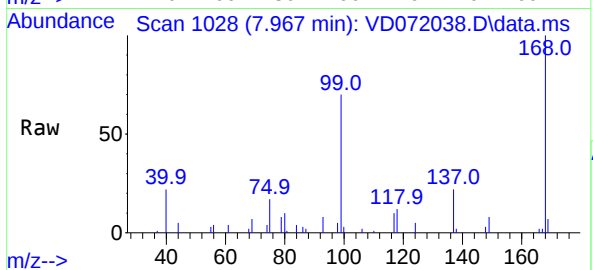




#31
Cyclohexane
Concen: 1.482 ug/l
RT: 7.967 min Scan# 1031
Delta R.T. -0.017 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

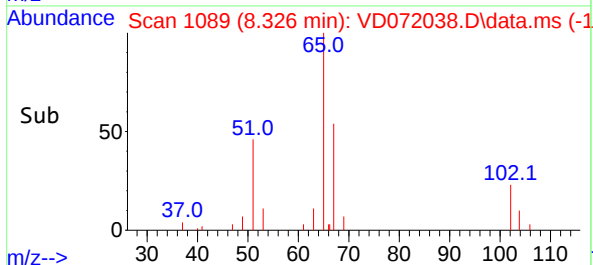
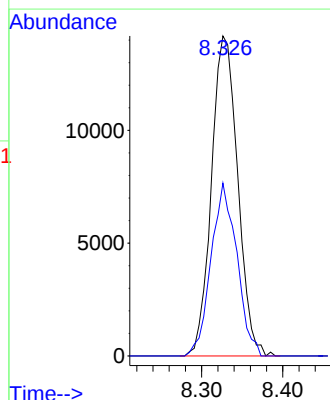
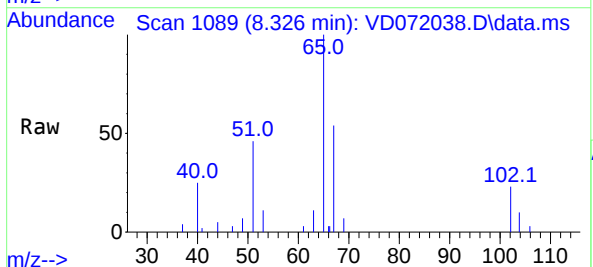
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

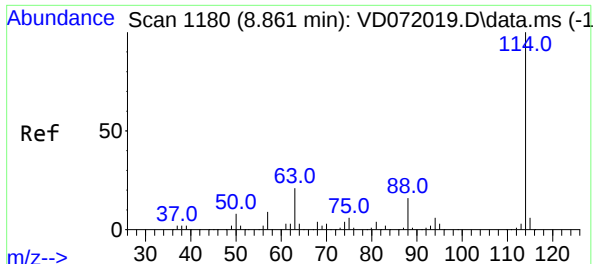
Tgt Ion: 56 Resp: 1099
Ion Ratio Lower Upper
56 100
69 192.3 28.9 43.3#
84 100.6 70.6 105.8



#33
1,2-Dichloroethane-d4
Concen: 75.899 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 65 Resp: 31873
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.6

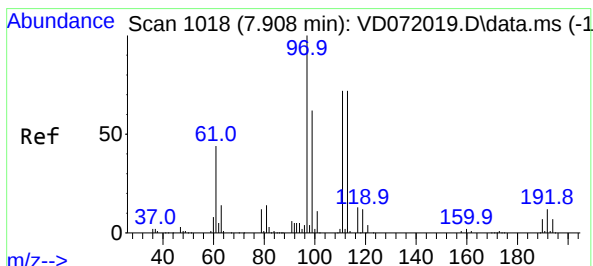
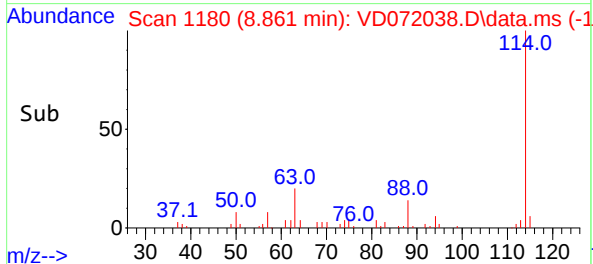
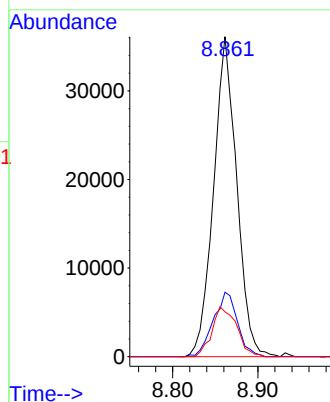
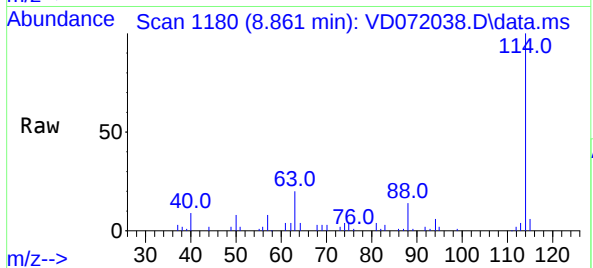




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

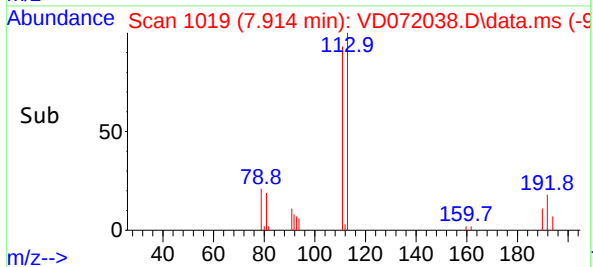
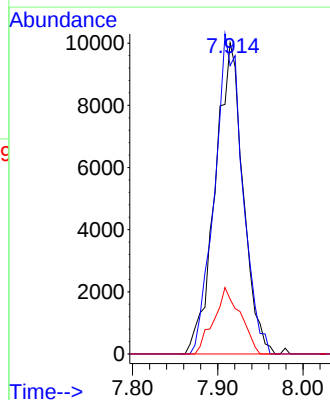
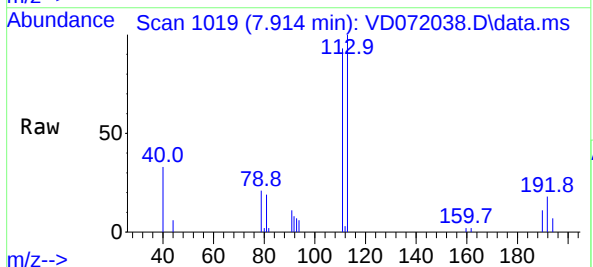
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

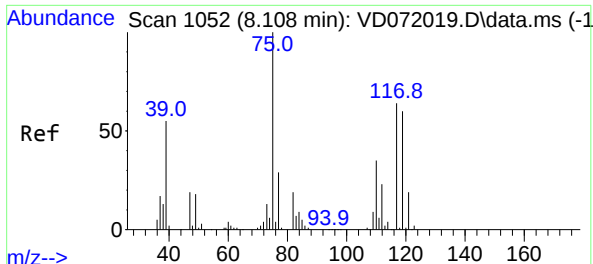
Tgt Ion:114 Resp: 68252
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.2
88 14.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 55.325 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion:113 Resp: 22878
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.2 15.3 22.9





#36

1,1-Dichloropropene

Concen: 6.421 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD072038.D

Acq: 21 Feb 2022 17:54

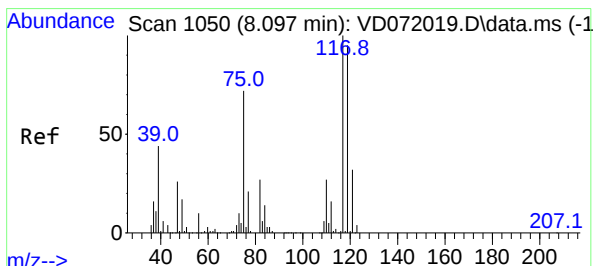
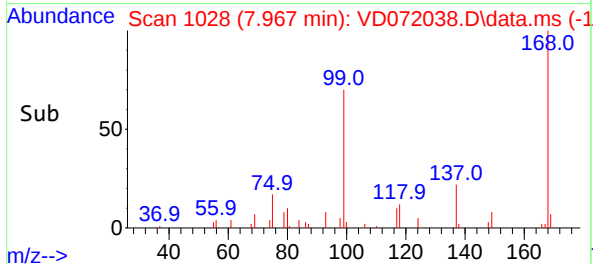
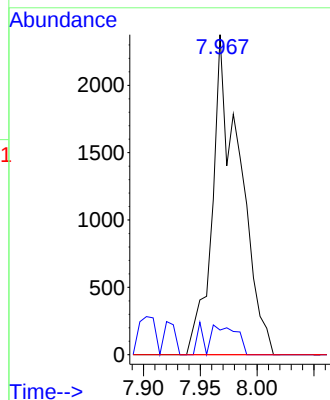
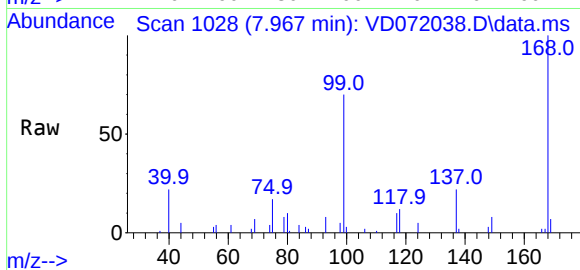
Instrument :

MSVOA_D

ClientSampleId :

CC-A5

Tgt Ion: 75	Resp: 4022
Ion Ratio	Lower Upper
75	100
110	8.3 17.7 53.1#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.978 ug/l

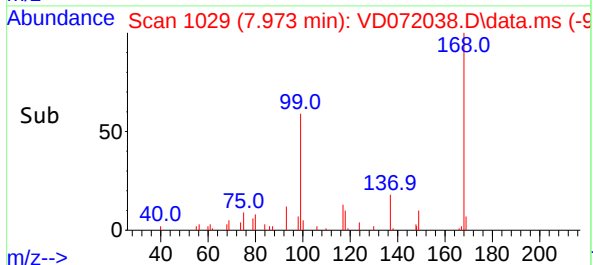
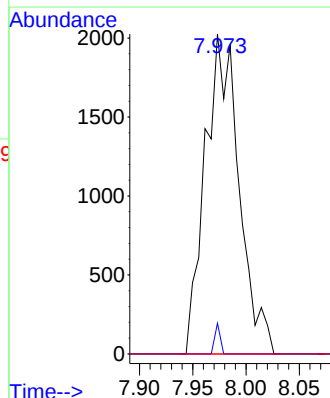
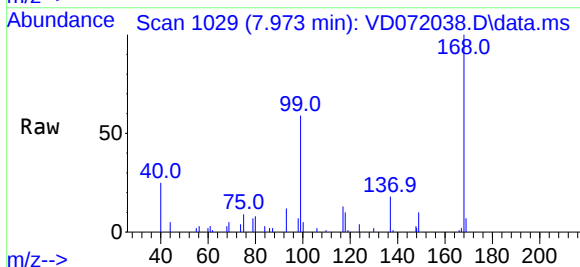
RT: 7.973 min Scan# 1029

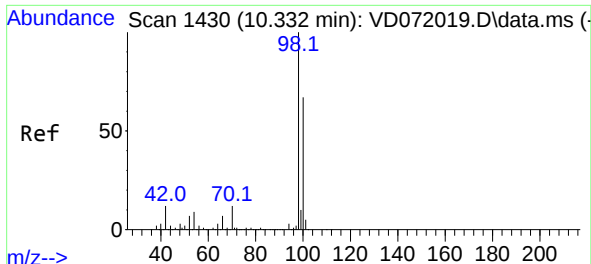
Delta R.T. -0.123 min

Lab File: VD072038.D

Acq: 21 Feb 2022 17:54

Tgt Ion: 117	Resp: 4480
Ion Ratio	Lower Upper
117	100
119	9.6 75.8 113.8#
121	0.0 25.8 38.6#

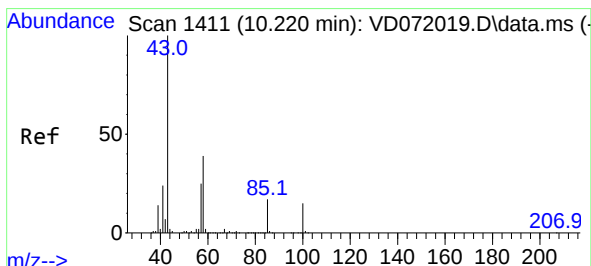
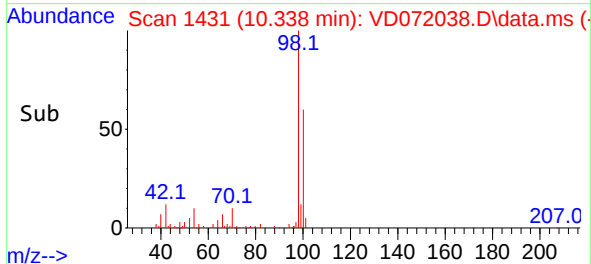
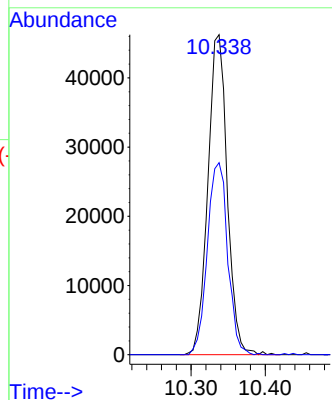
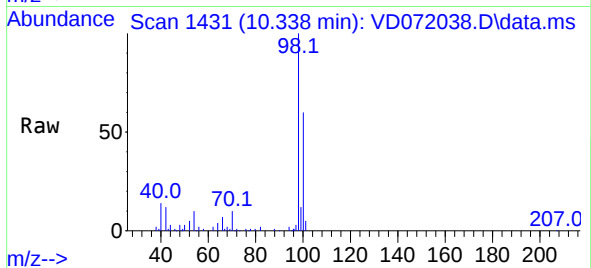




#50
Toluene-d8
Concen: 54.654 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

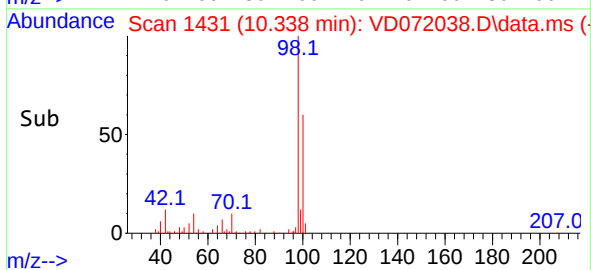
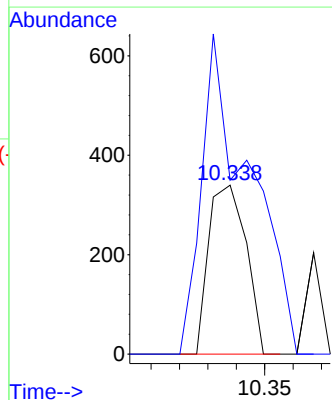
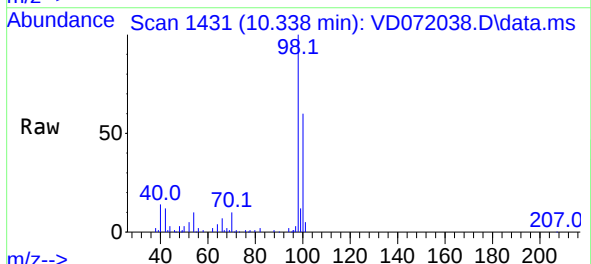
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

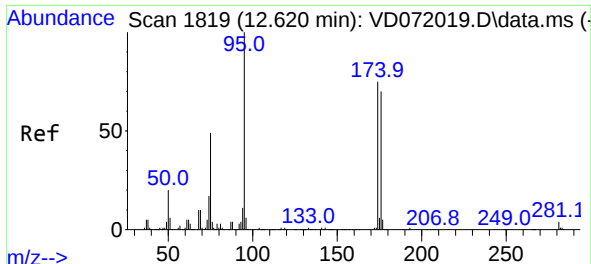
Tgt Ion: 98 Resp: 83812
Ion Ratio Lower Upper
98 100
100 63.0 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.085 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 242.1 30.8 46.2#

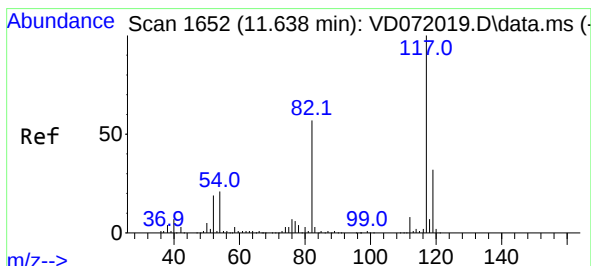
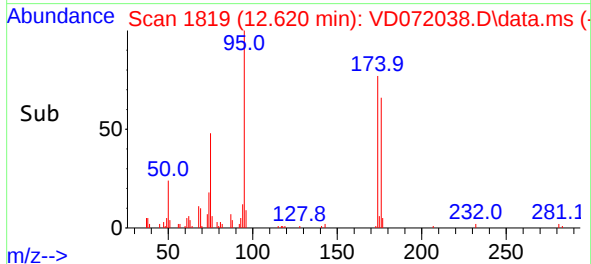
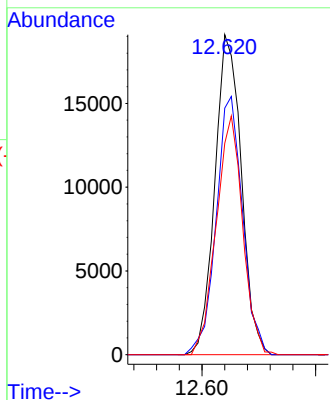
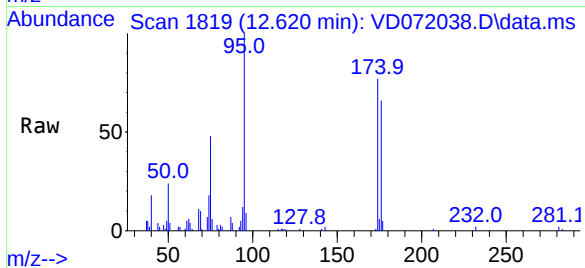




#62
4-Bromofluorobenzene
Concen: 54.687 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

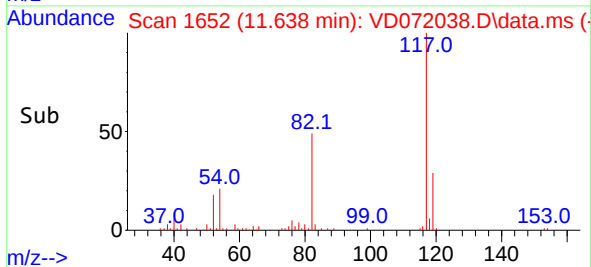
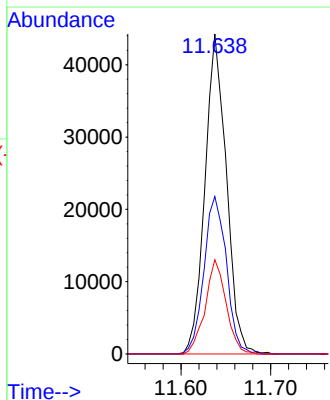
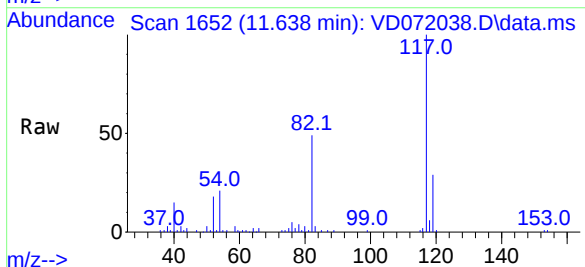
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

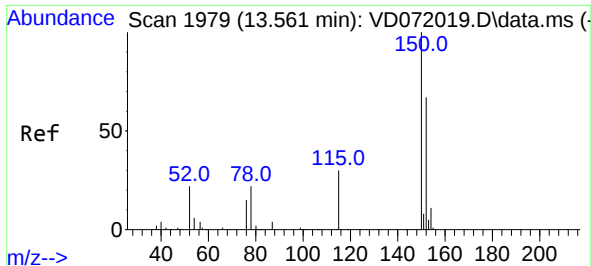
Tgt Ion: 95 Resp: 30805
Ion Ratio Lower Upper
95 100
174 80.8 0.0 155.0
176 74.9 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 117 Resp: 73341
Ion Ratio Lower Upper
117 100
82 49.2 45.4 68.0
119 29.4 25.4 38.2

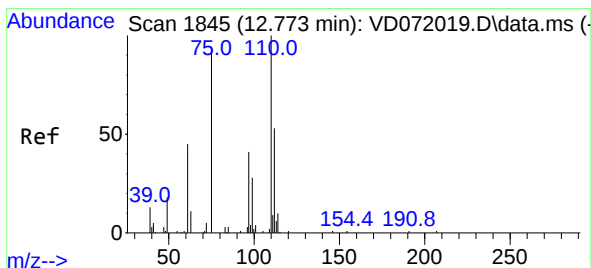
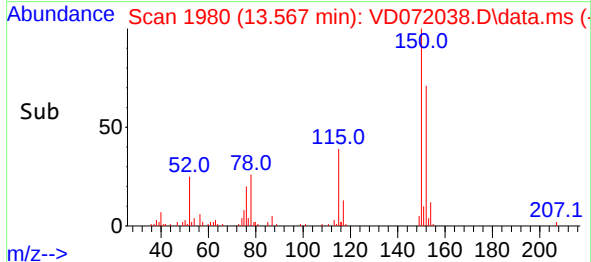
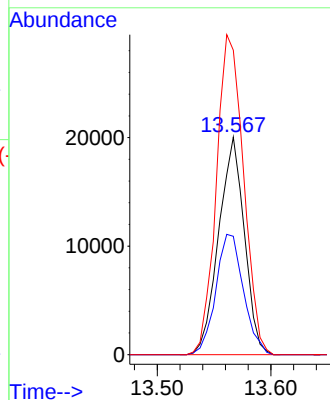
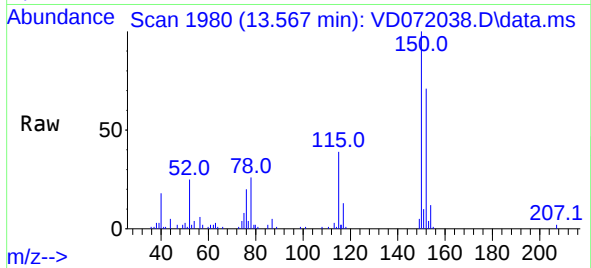




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

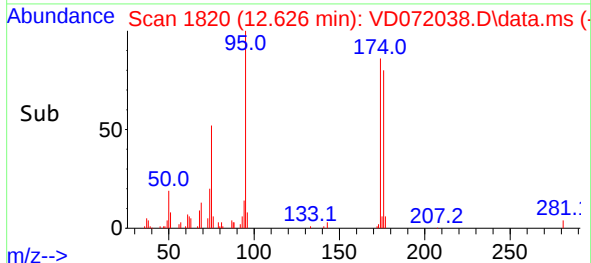
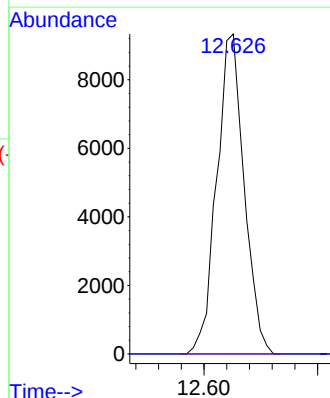
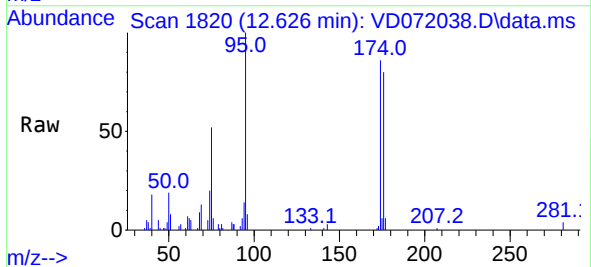
Instrument :
MSVOA_D
ClientSampleId :
CC-A5

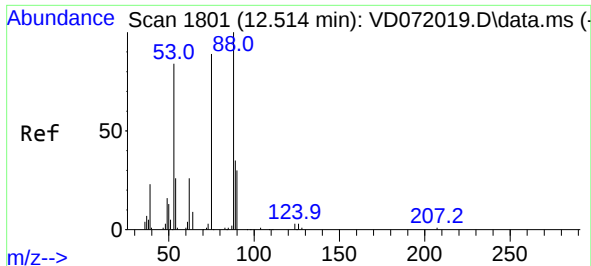
Tgt Ion:152 Resp: 31505
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 155.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.399 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072038.D
Acq: 21 Feb 2022 17:54

Tgt Ion: 75 Resp: 15637
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.218 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD072038.D
 Acq: 21 Feb 2022 17:54

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A5

Tgt Ion: 75 Resp: 15637
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.4#
 89 0.0 36.4 54.6#

