

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072138.D
 Acq On : 01 Mar 2022 14:33
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 02 06:09:16 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	520178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	898049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	866141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	413298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245737	45.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.080%
35) Dibromofluoromethane	7.914	113	268786	49.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.338	98	1110380	55.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.626	95	398355	53.746	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.500%

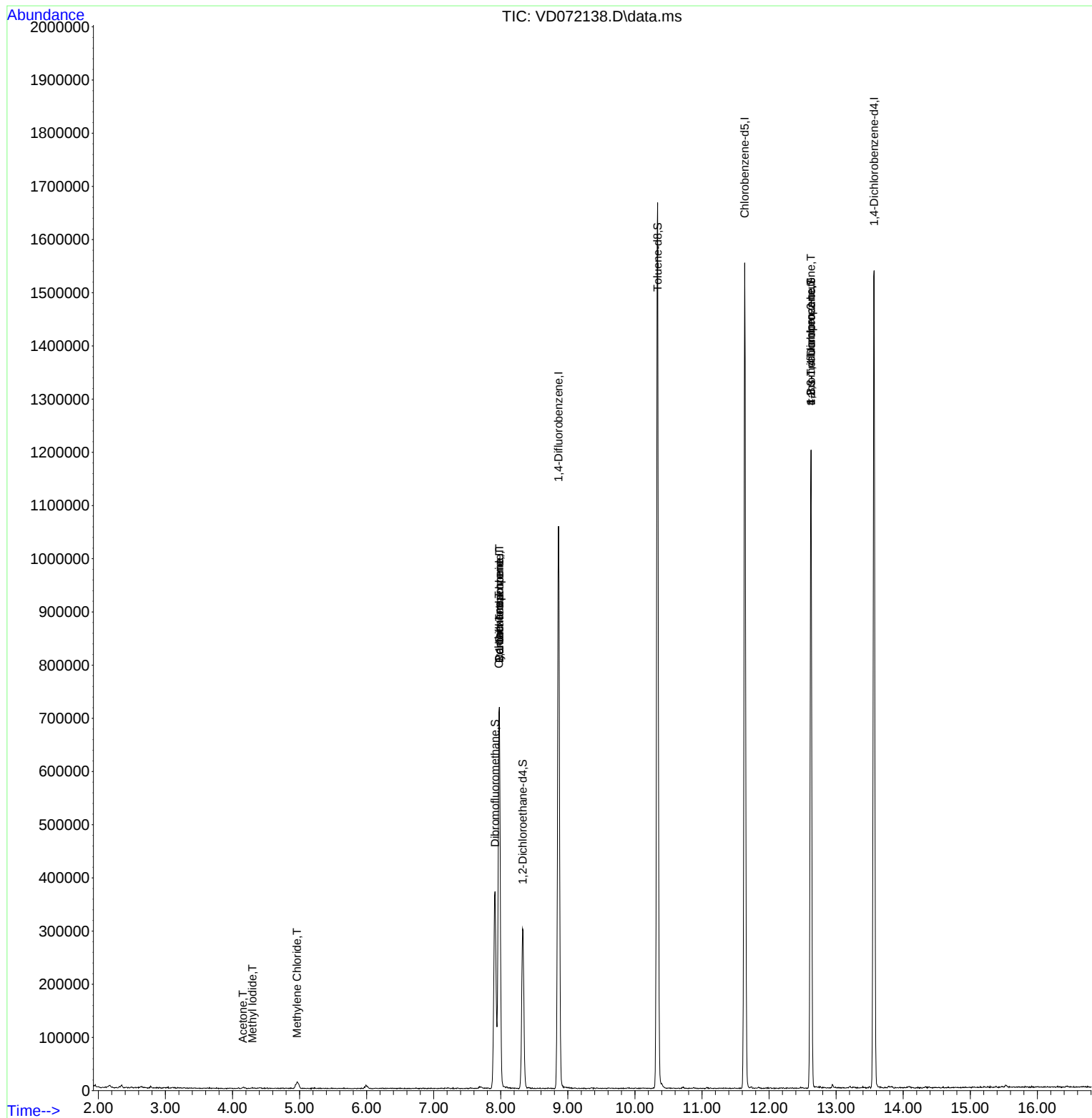
Target Compounds					Qvalue	
5) Bromomethane	2.785	94	1294	Below Cal	#	40
10) Methyl Iodide	4.297	142	1457	3.156	ug/l #	79
16) Acetone	4.156	43	3233	2.772	ug/l	91
18) Methyl Acetate	4.714	43	68	Below Cal	#	52
20) Methylene Chloride	4.961	84	9115	1.571	ug/l	93
31) Cyclohexane	7.973	56	12020	1.261	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	42823	5.196	ug/l #	50
38) Carbon Tetrachloride	7.979	117	54567	6.460	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	206527	52.755	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	206527	132.109	ug/l #	10

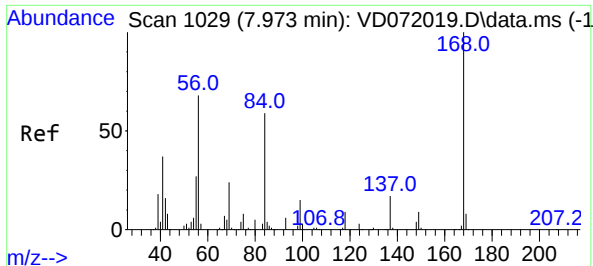
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

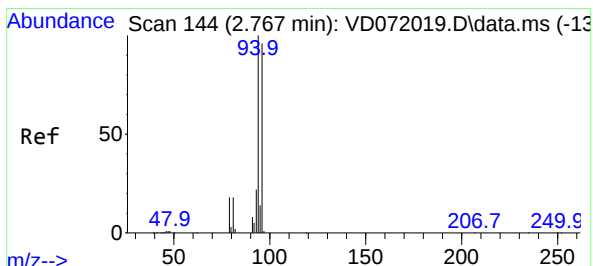
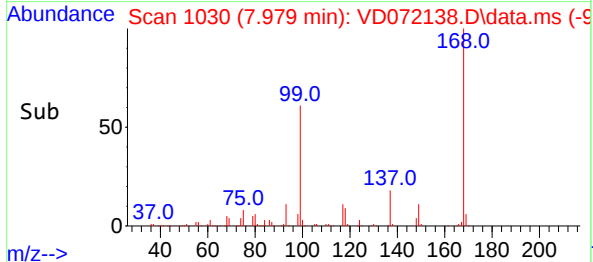
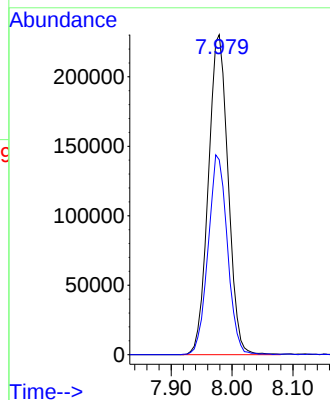
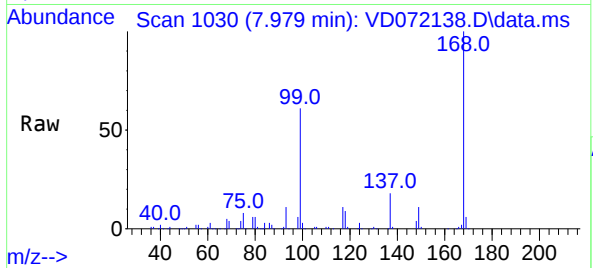




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

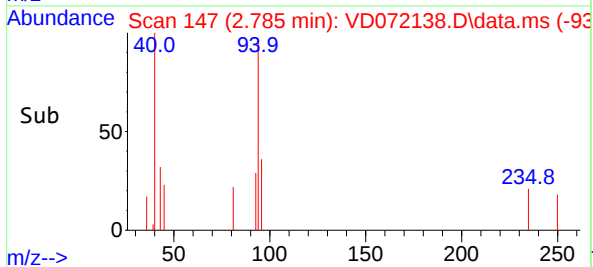
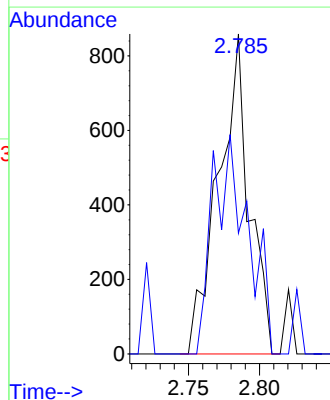
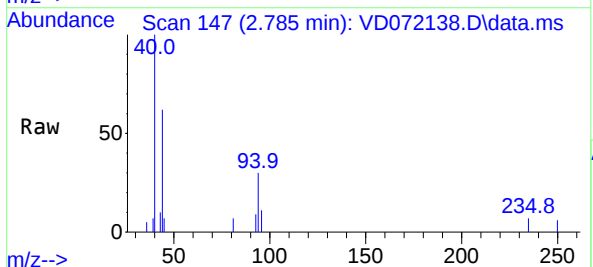
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

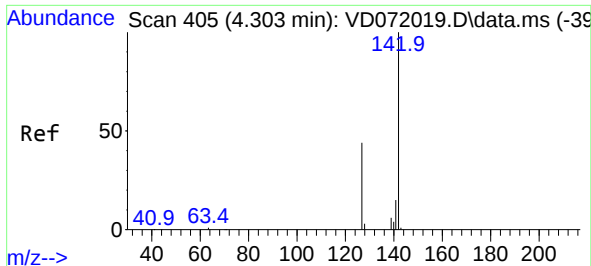
Tgt Ion:168 Resp: 520178
Ion Ratio Lower Upper
168 100
99 60.9 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 94 Resp: 1294
Ion Ratio Lower Upper
94 100
96 37.7 76.8 115.2#

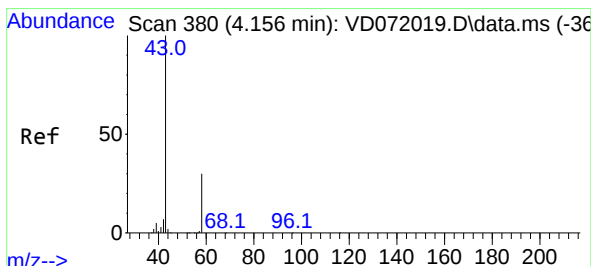
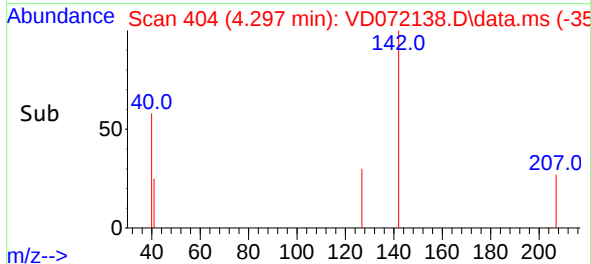
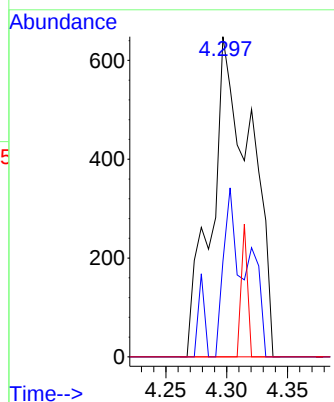
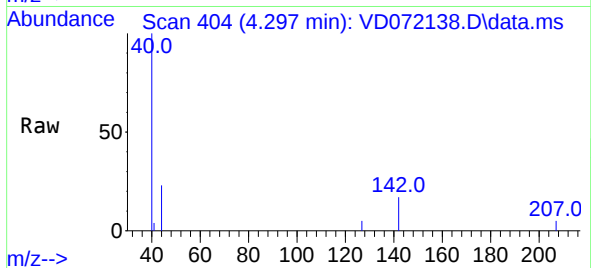




#10
Methyl Iodide
Concen: 3.156 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

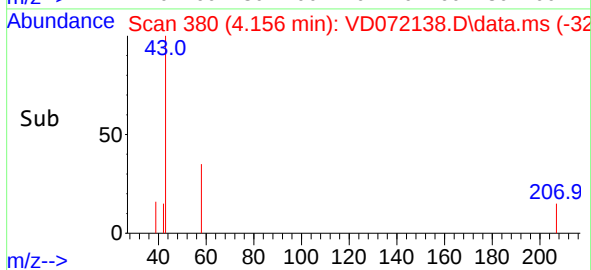
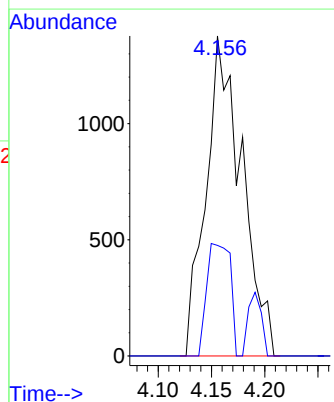
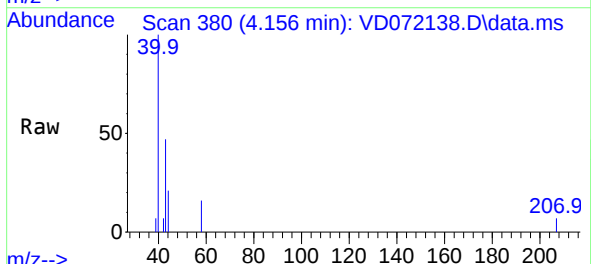
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

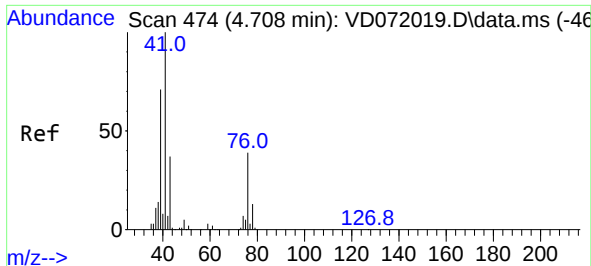
Tgt Ion:142 Resp: 1457
Ion Ratio Lower Upper
142 100
127 30.5 35.8 53.8#
141 6.5 11.6 17.4#



#16
Acetone
Concen: 2.772 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.714 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD072138.D

Acq: 01 Mar 2022 14:33

Instrument :

MSVOA_D

ClientSampleId :

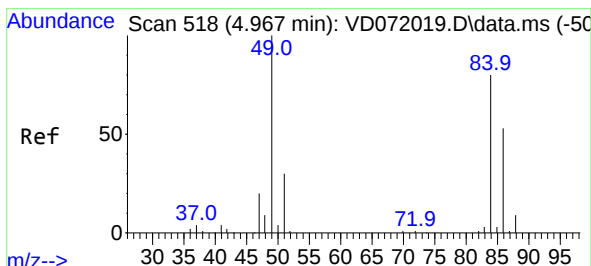
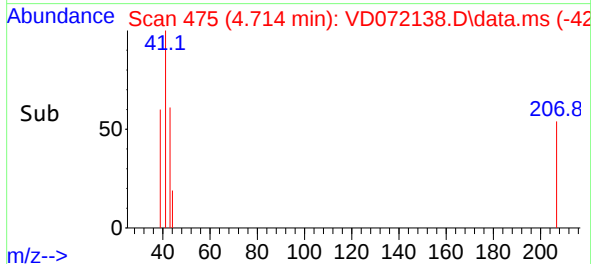
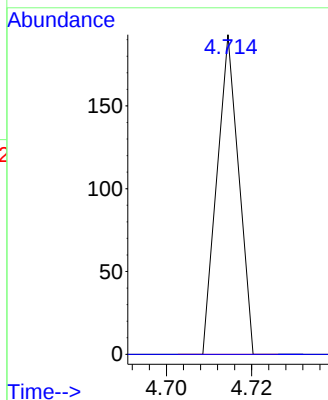
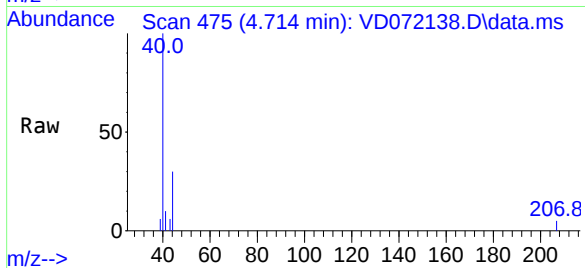
VIBLK

Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: 1.571 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD072138.D

Acq: 01 Mar 2022 14:33

Tgt Ion: 84 Resp: 9115

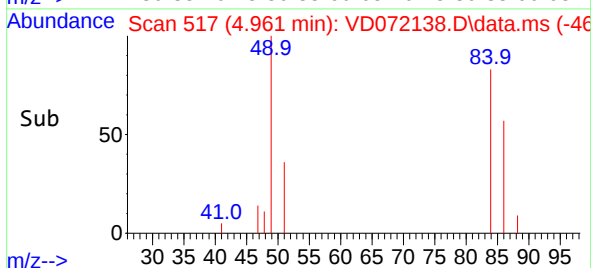
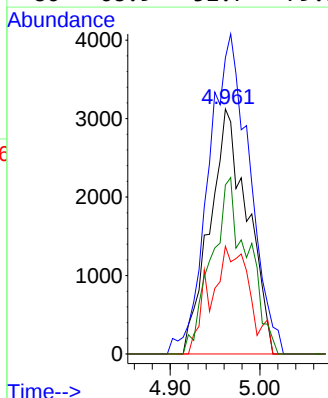
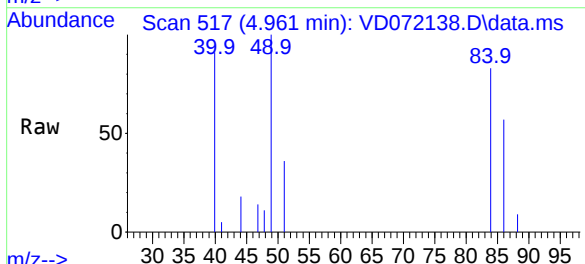
Ion Ratio Lower Upper

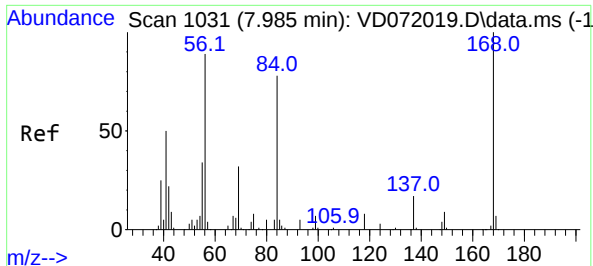
84 100

49 115.6 100.0 150.0

51 44.0 30.2 45.4

86 68.9 52.7 79.1





#31

Cyclohexane

Concen: 1.261 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072138.D

Acq: 01 Mar 2022 14:33

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

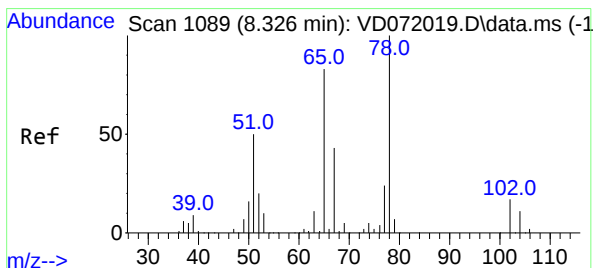
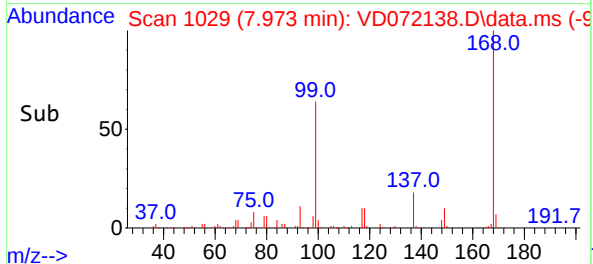
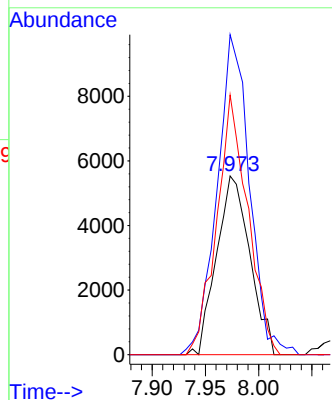
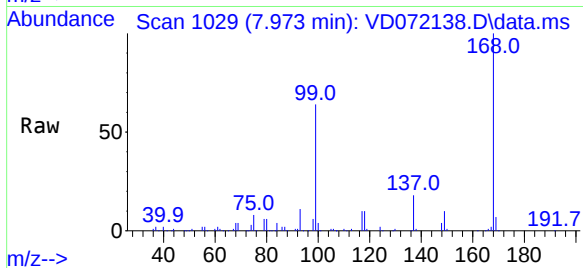
Tgt Ion: 56 Resp: 12020

Ion Ratio Lower Upper

56 100

69 179.1 28.9 43.3#

84 145.3 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 45.542 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072138.D

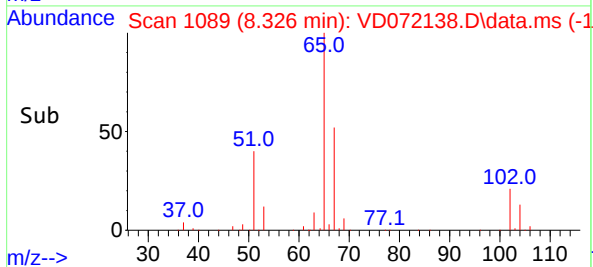
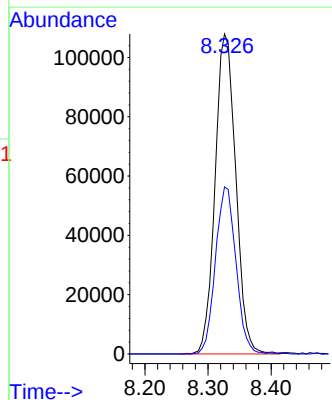
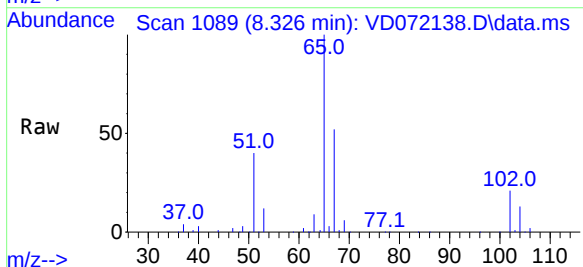
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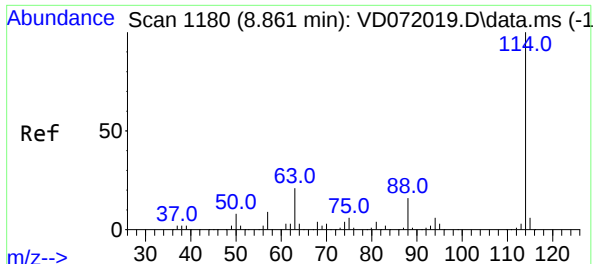
Tgt Ion: 65 Resp: 245737

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6

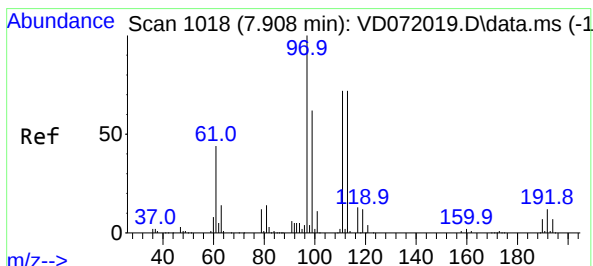
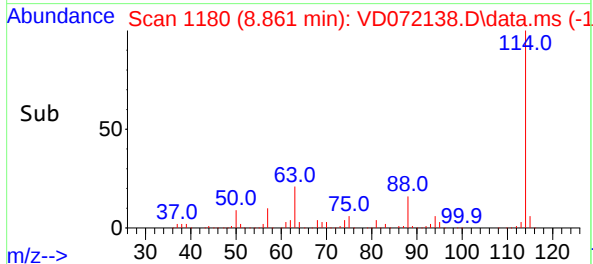
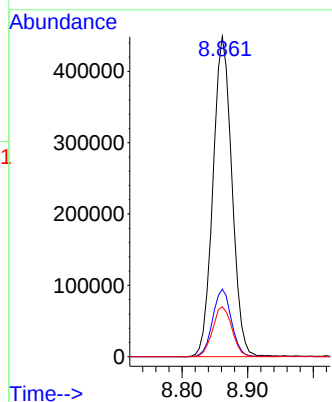
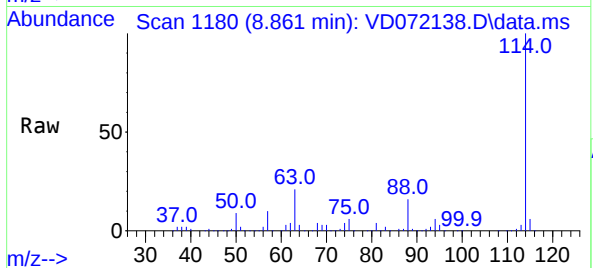




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

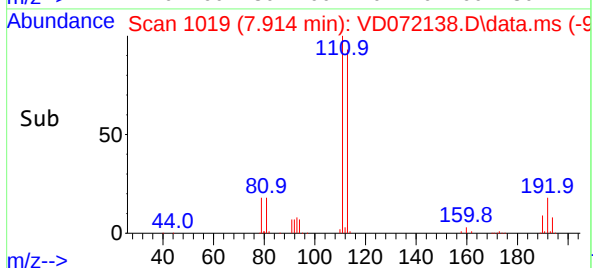
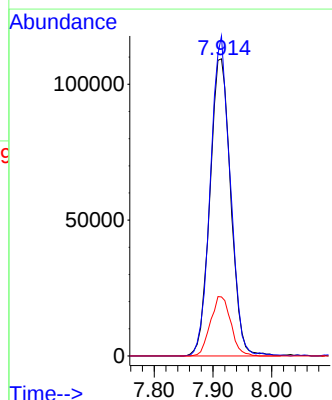
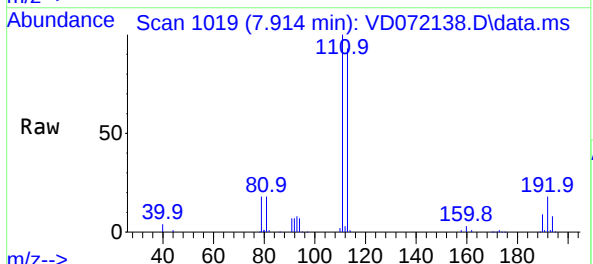
Instrument :
MSVOA_D
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VIBLK

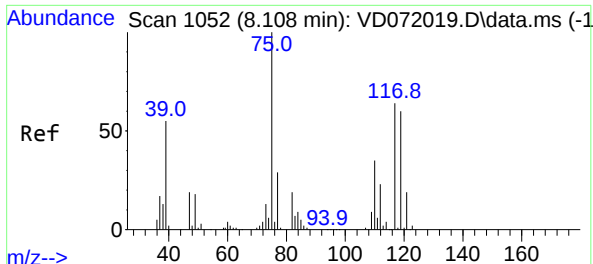
Tgt Ion:114 Resp: 898049
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 15.6 0.0 31.2



#35
Dibromofluoromethane
Concen: 49.400 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion:113 Resp: 268786
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.4
192 19.6 15.3 22.9

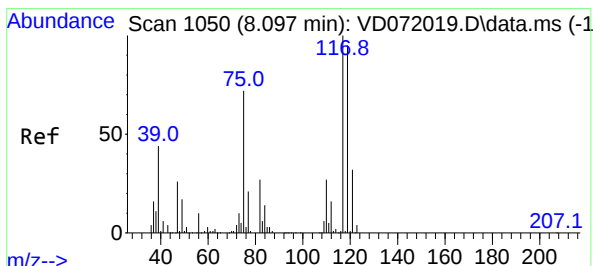
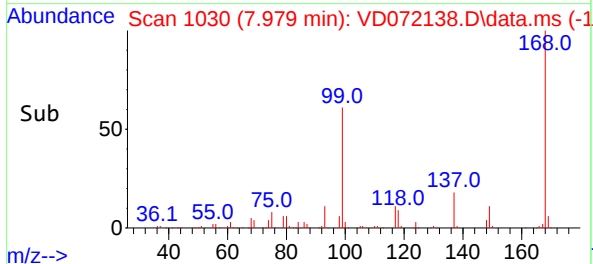
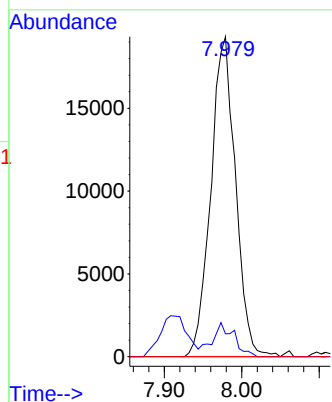
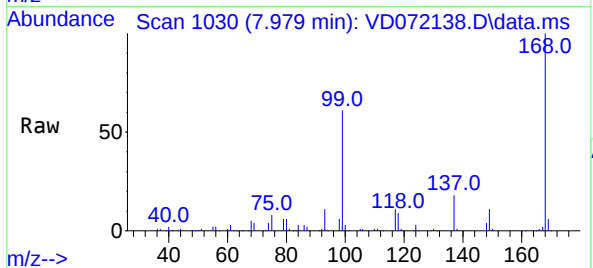




#36
1,1-Dichloropropene
Concen: 5.196 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

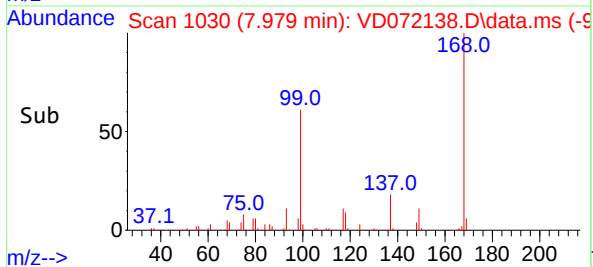
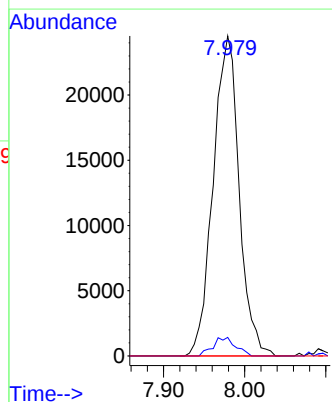
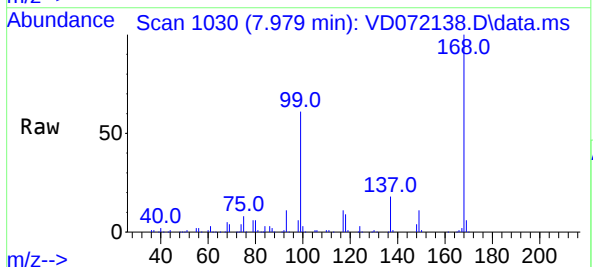
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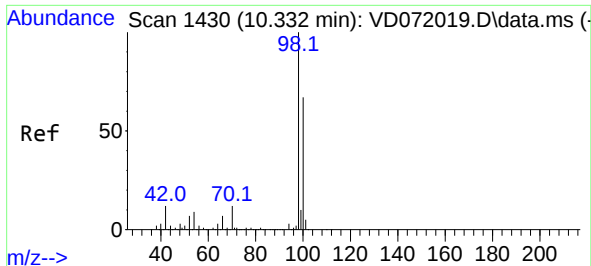
Tgt Ion: 75 Resp: 42823
Ion Ratio Lower Upper
75 100
110 9.4 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 117 Resp: 54567
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.8#
121 0.0 25.8 38.6#

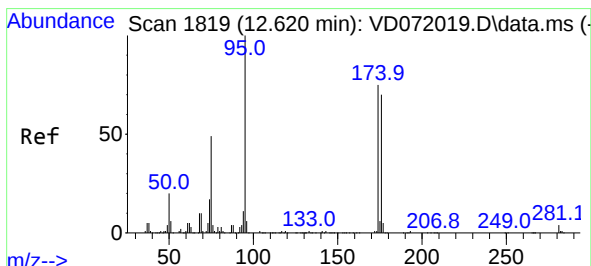
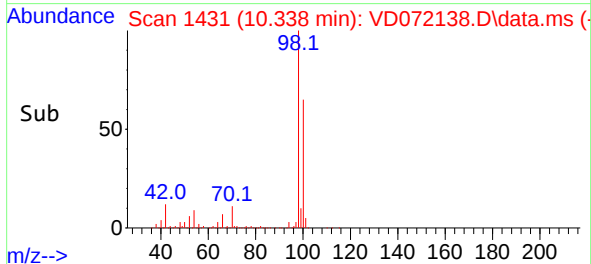
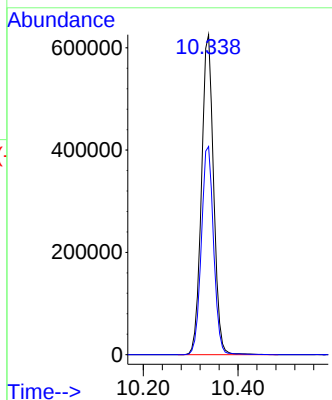
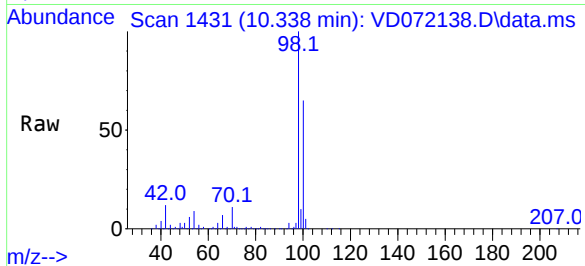




#50
Toluene-d8
Concen: 55.031 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

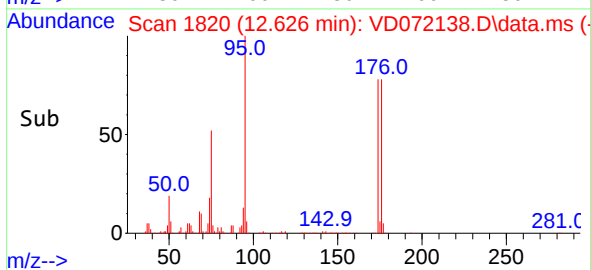
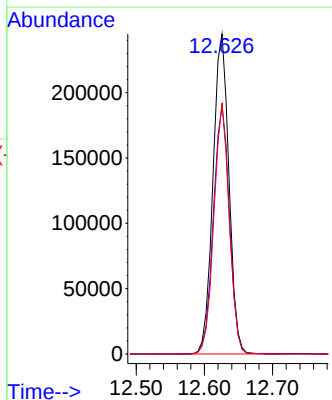
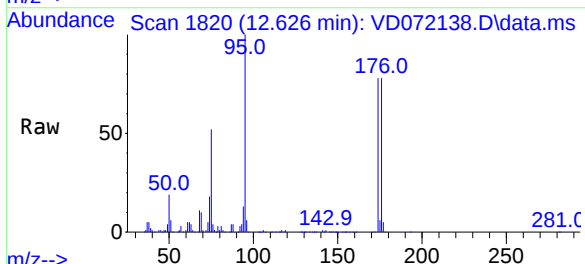
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

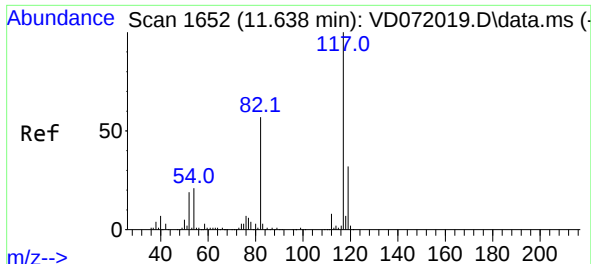
Tgt Ion: 98 Resp: 1110380
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.746 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 95 Resp: 398355
Ion Ratio Lower Upper
95 100
174 78.3 0.0 155.0
176 75.1 0.0 148.8

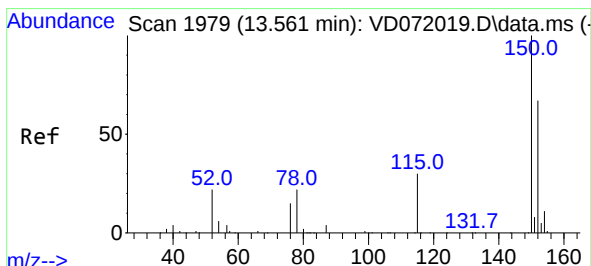
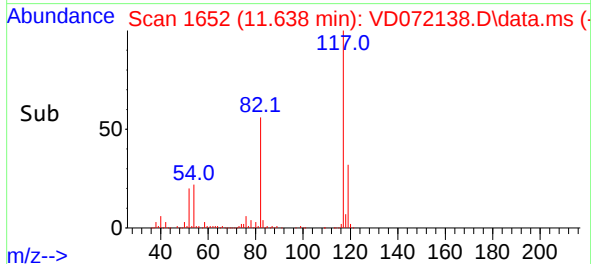
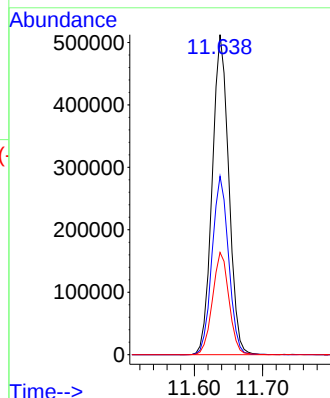
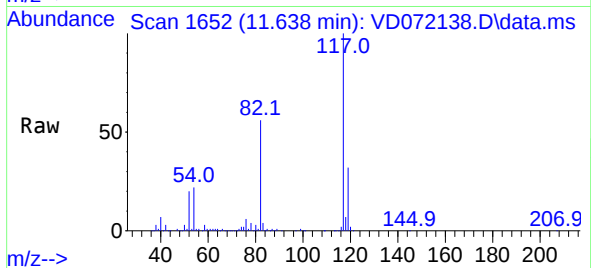




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

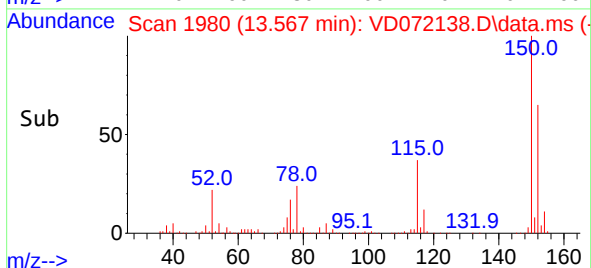
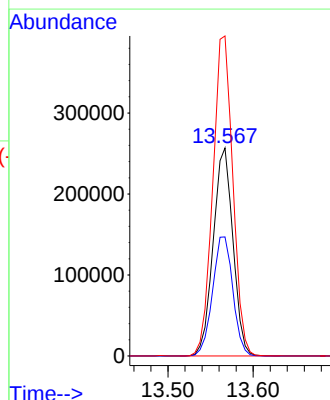
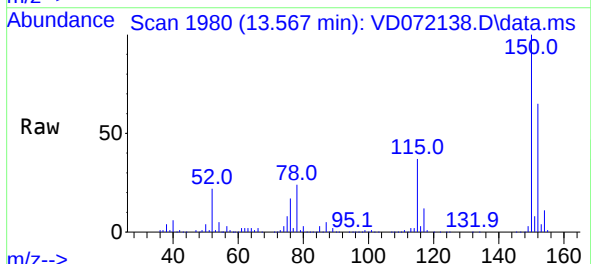
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

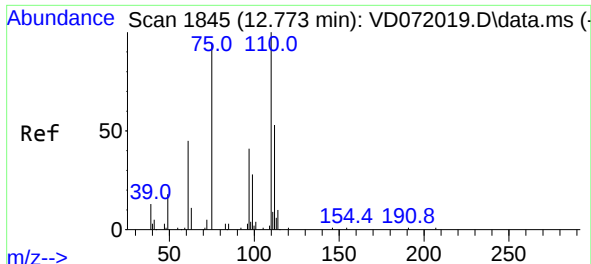
Tgt Ion:117 Resp: 866141
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion:152 Resp: 413298
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 156.0 0.0 347.6

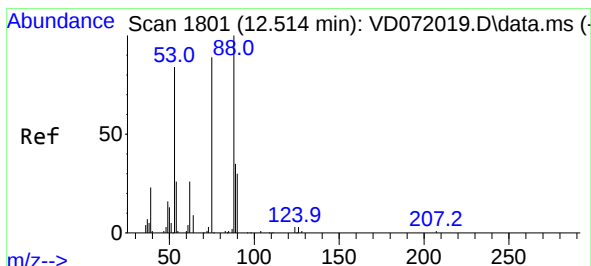
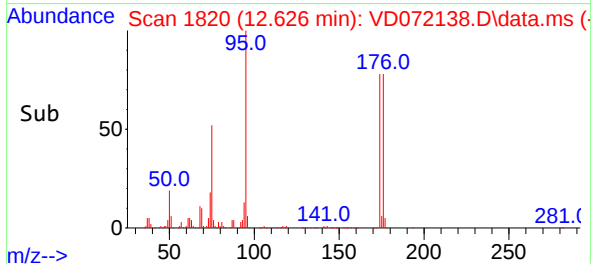
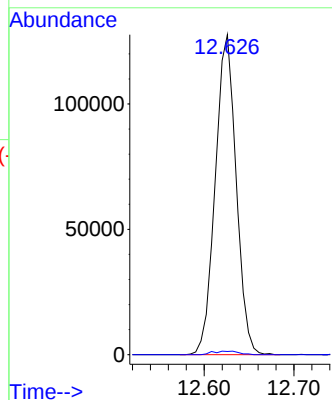
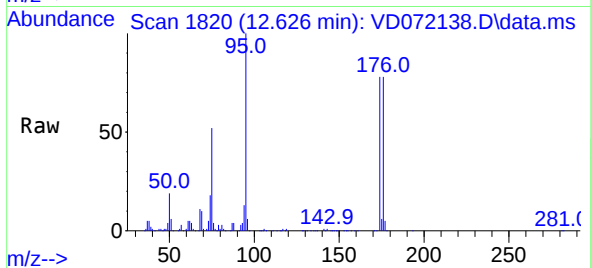




#76
1,2,3-Trichloropropane
Concen: 52.755 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 206527
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.109 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072138.D
Acq: 01 Mar 2022 14:33

Tgt Ion: 75 Resp: 206527
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

