

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072081.D
 Acq On : 23 Feb 2022 18:23
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

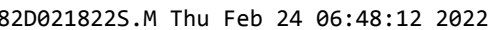
Quant Time: Feb 24 06:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

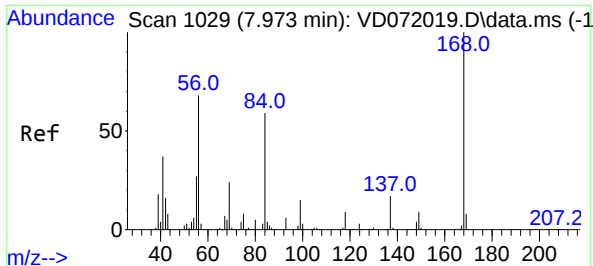
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	527500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	884775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	837088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	392821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	255141	46.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.260%
35) Dibromofluoromethane	7.914	113	270590	50.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.338	98	1077344	54.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.626	95	377016	51.630	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	214	Below Cal	#	16
10) Methyl Iodide	4.314	142	85	2.937	ug/l #	40
16) Acetone	4.150	43	3770	3.188	ug/l #	81
18) Methyl Acetate	4.450	43	103	Below Cal	#	52
20) Methylene Chloride	4.962	84	6773	1.151	ug/l #	87
31) Cyclohexane	7.973	56	11951	1.237	ug/l #	2
36) 1,1-Dichloropropene	7.973	75	42889	5.282	ug/l #	49
38) Carbon Tetrachloride	7.979	117	54784	6.582	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	5005	1.347	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	191101	51.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	191101	128.614	ug/l #	10

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

Quant Time: Feb 24 06:48:08 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

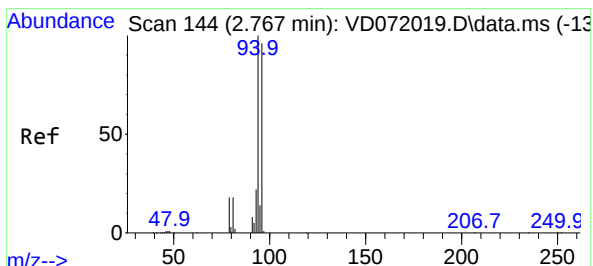
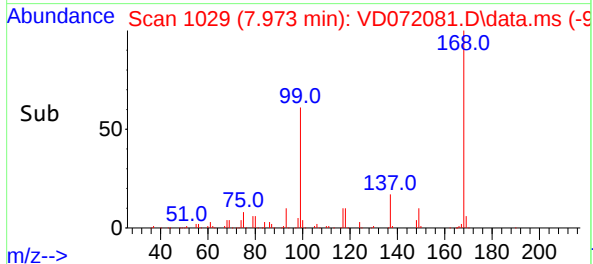
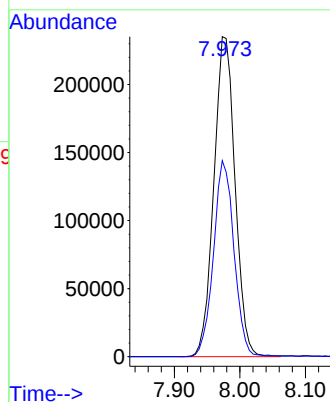
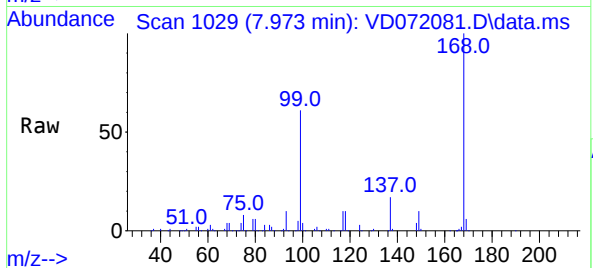




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

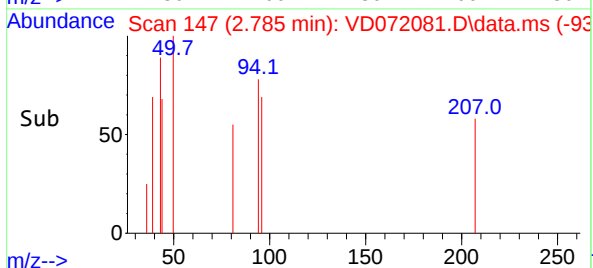
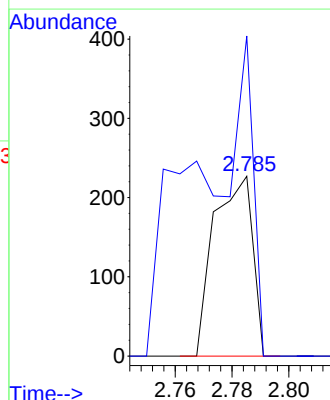
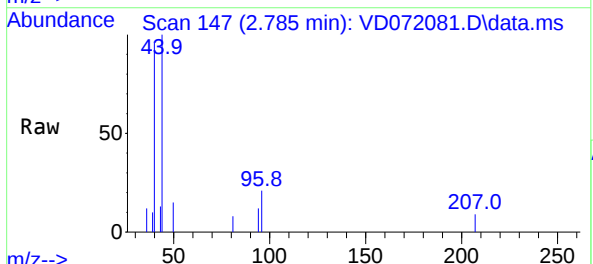
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

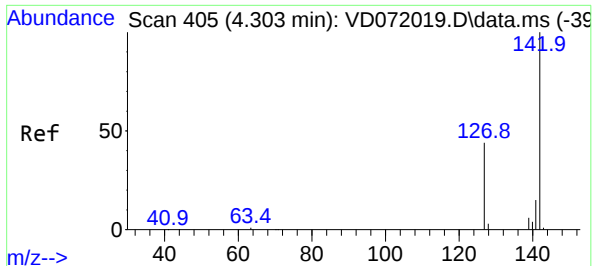
Tgt Ion:168 Resp: 527500
Ion Ratio Lower Upper
168 100
99 61.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 178.0 76.8 115.2#

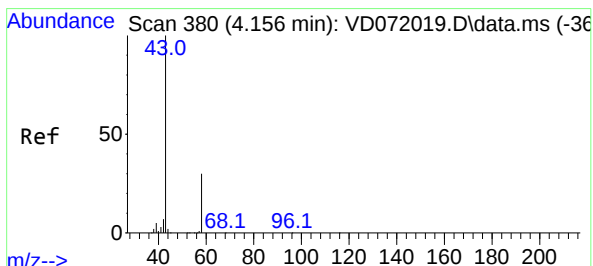
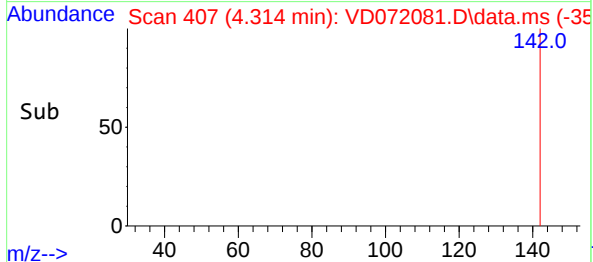
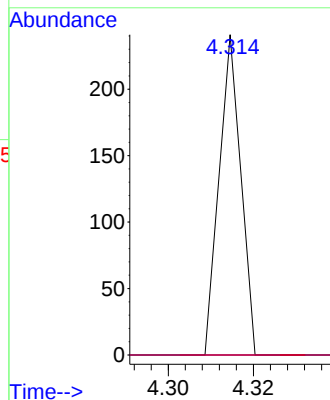
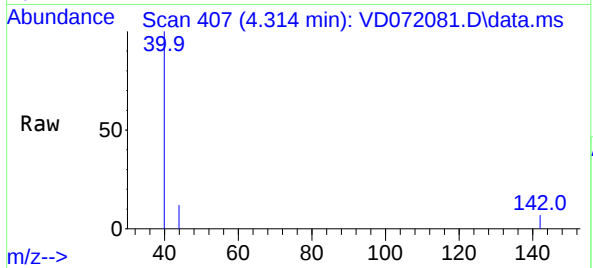




#10
Methyl Iodide
Concen: 2.937 ug/l
RT: 4.314 min Scan# 40
Delta R.T. 0.011 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

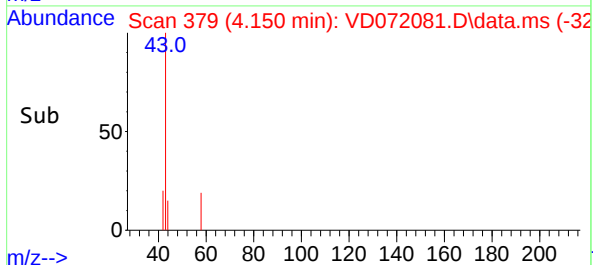
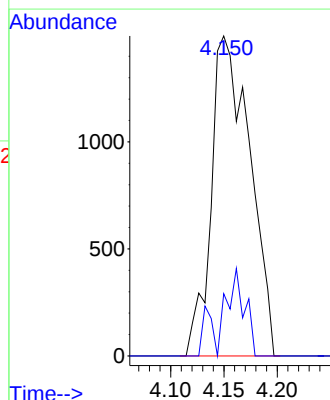
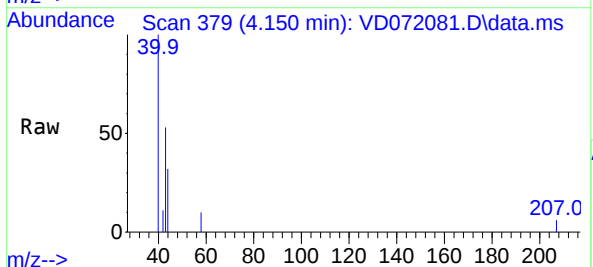
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

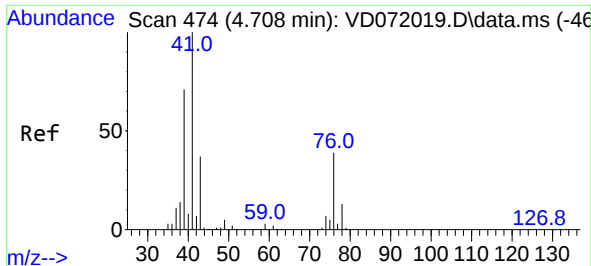
Tgt Ion:142 Resp: 85
Ion Ratio Lower Upper
142 100
127 0.0 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 3.188 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 43 Resp: 3770
Ion Ratio Lower Upper
43 100
58 19.5 23.8 35.6#

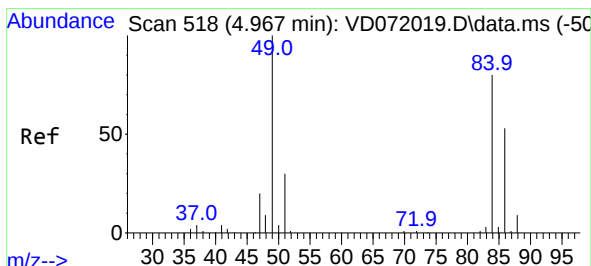
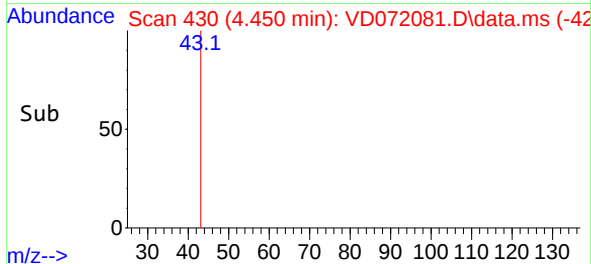
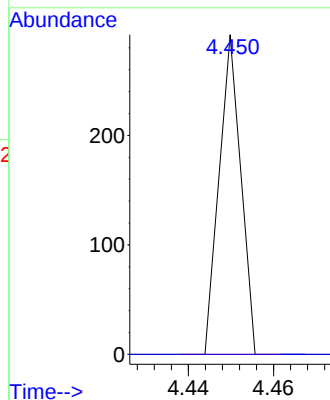
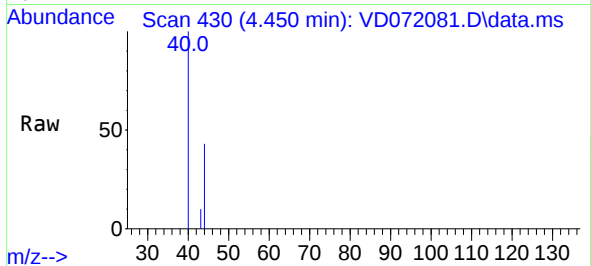




#18
Methyl Acetate
Concen: Below Cal
RT: 4.450 min Scan# 41
Delta R.T. -0.258 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

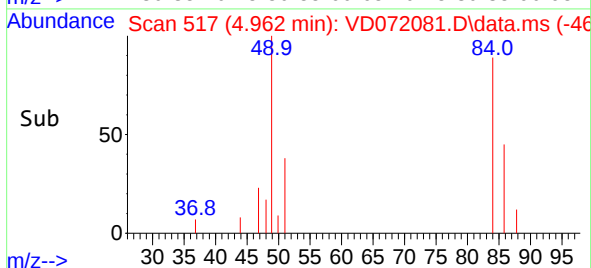
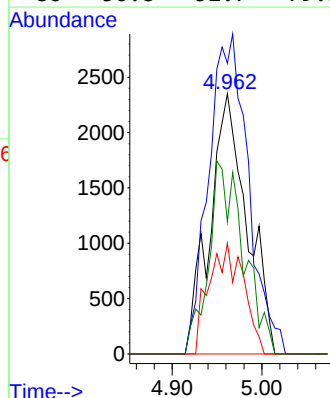
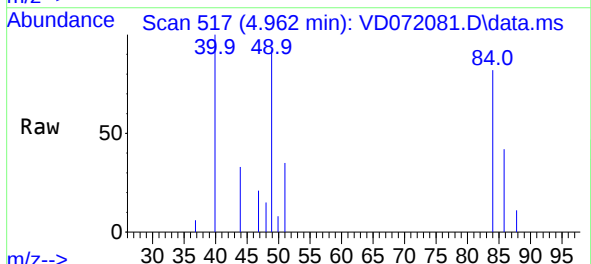
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

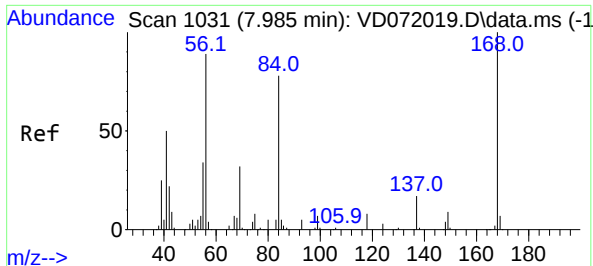
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.151 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 84 Resp: 6773
Ion Ratio Lower Upper
84 100
49 111.7 100.0 150.0
51 42.6 30.2 45.4
86 50.8 52.7 79.1#





#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD072081.D

Acq: 23 Feb 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

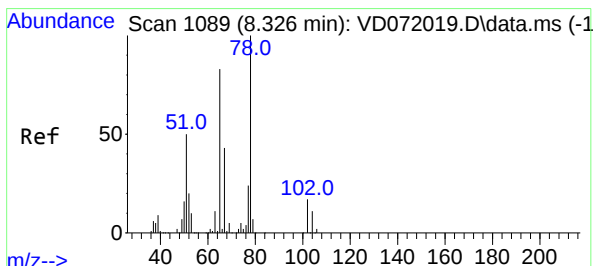
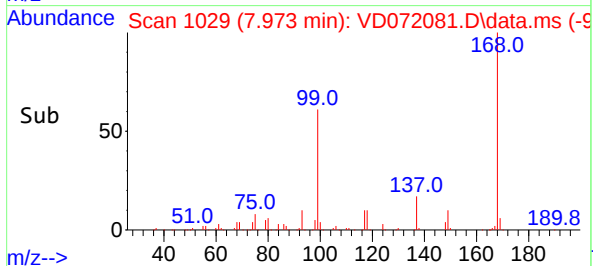
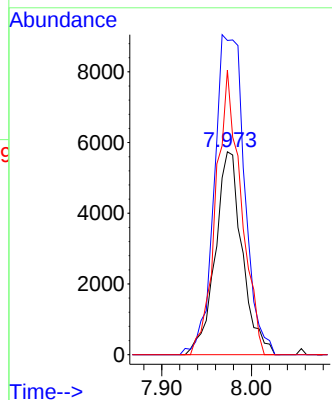
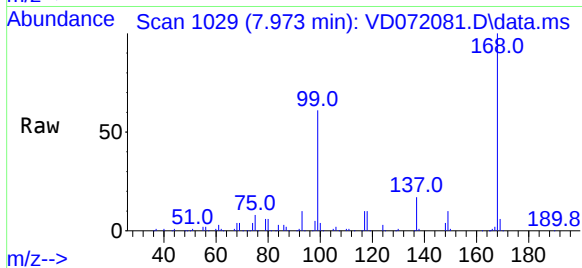
Tgt Ion: 56 Resp: 11951

Ion Ratio Lower Upper

56 100

69 154.9 28.9 43.3#

84 140.3 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 46.629 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072081.D

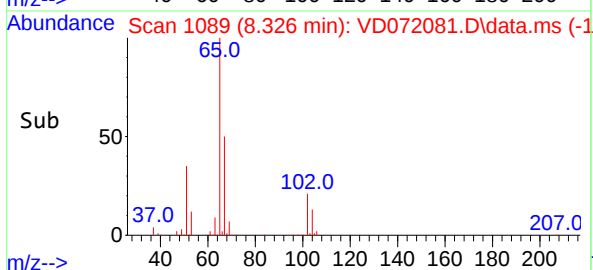
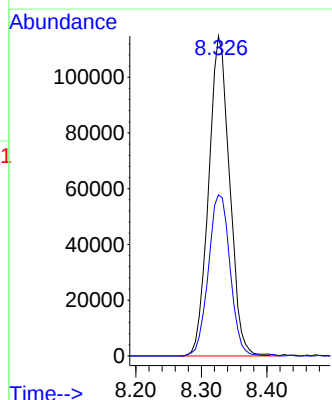
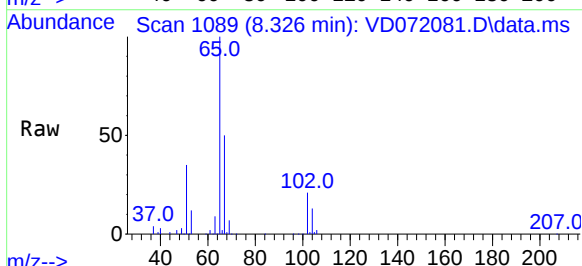
Acq: 23 Feb 2022 18:23

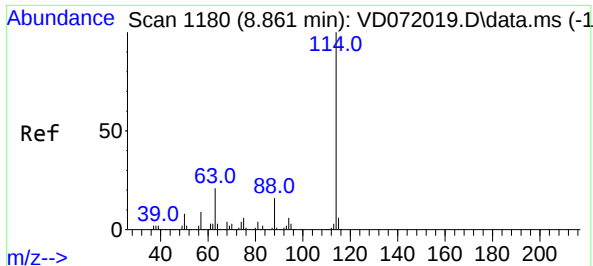
Tgt Ion: 65 Resp: 255141

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: VD072081.D

Acq: 23 Feb 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

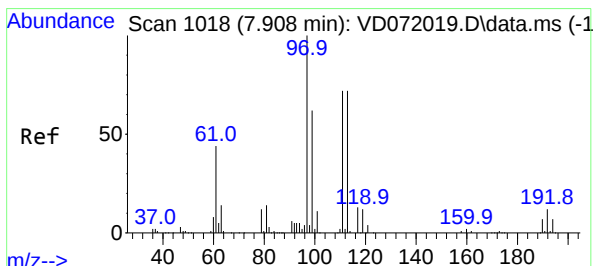
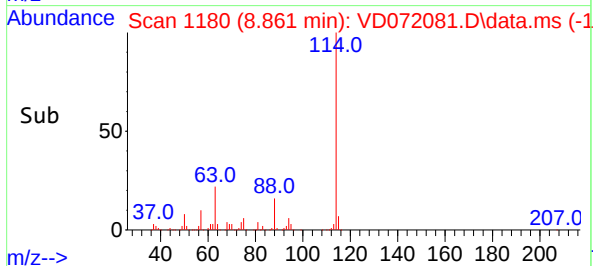
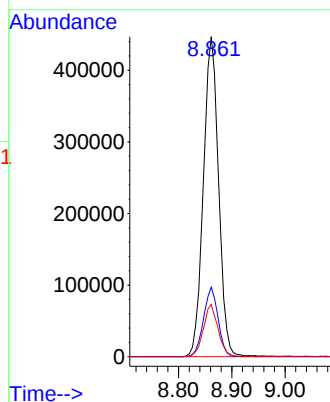
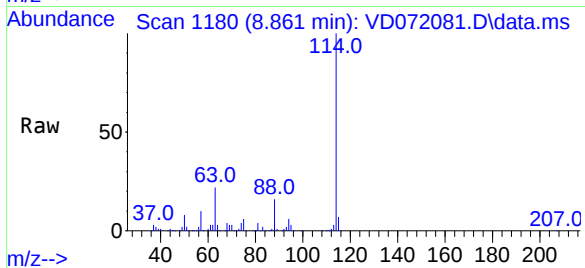
Tgt Ion:114 Resp: 884775

Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.4 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.478 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072081.D

Acq: 23 Feb 2022 18:23

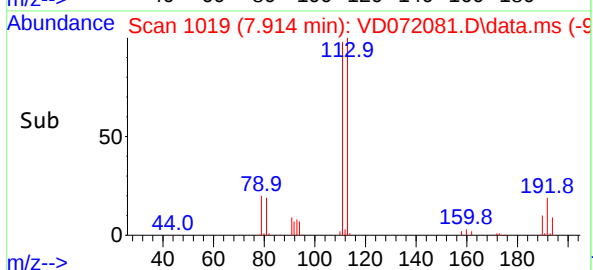
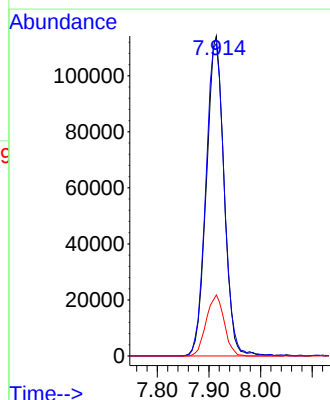
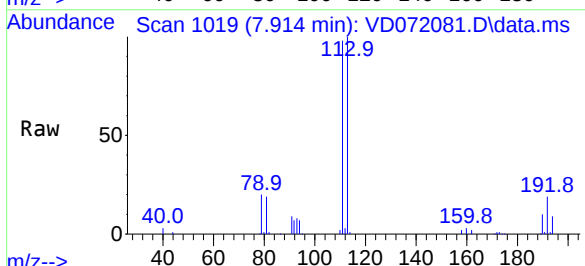
Tgt Ion:113 Resp: 270590

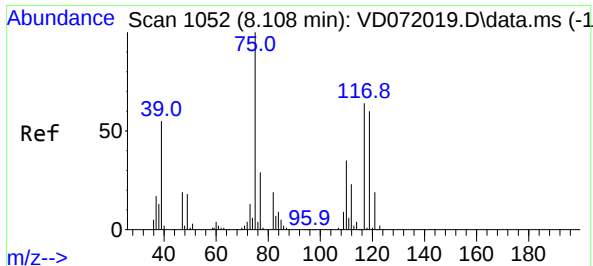
Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 19.4 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.282 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072081.D

Acq: 23 Feb 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

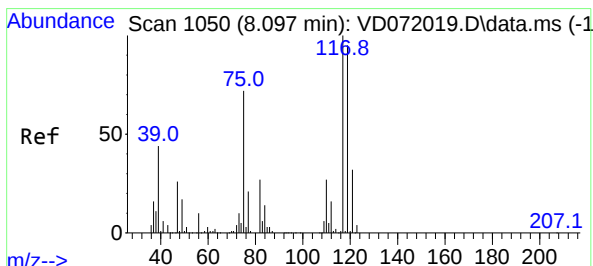
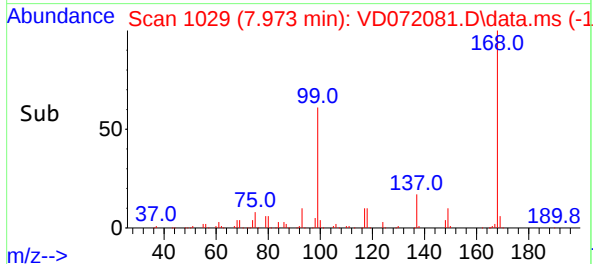
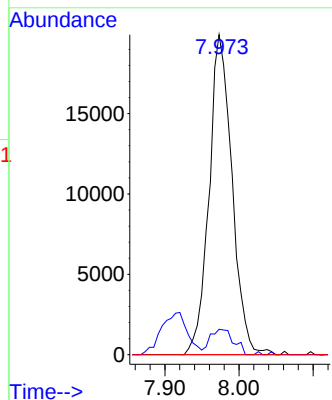
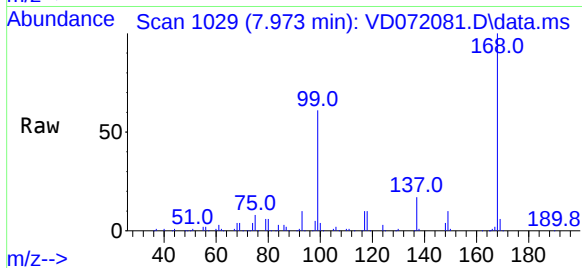
Tgt Ion: 75 Resp: 42889

Ion Ratio Lower Upper

75 100

110 8.1 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.582 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072081.D

Acq: 23 Feb 2022 18:23

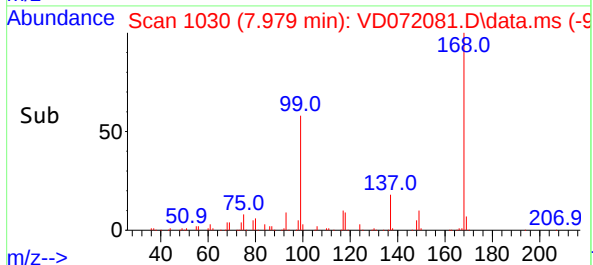
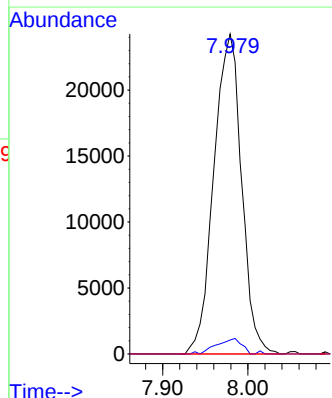
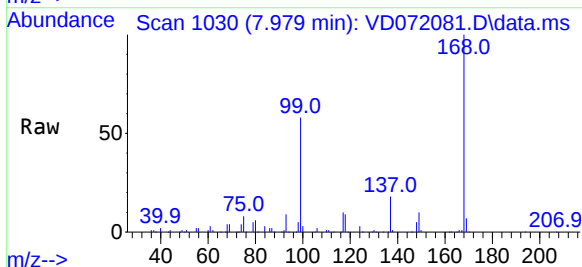
Tgt Ion: 117 Resp: 54784

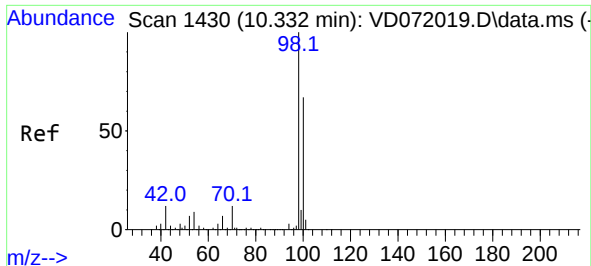
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

121 0.0 25.8 38.6#

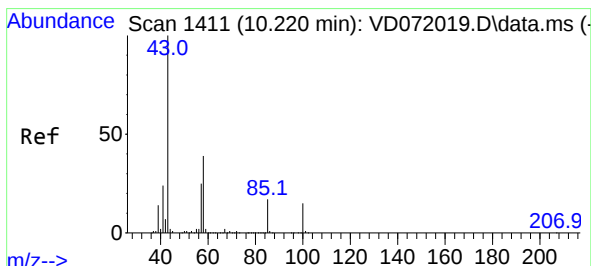
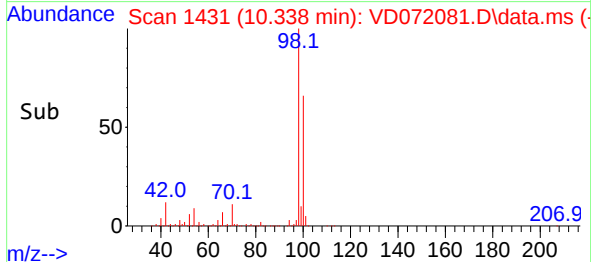
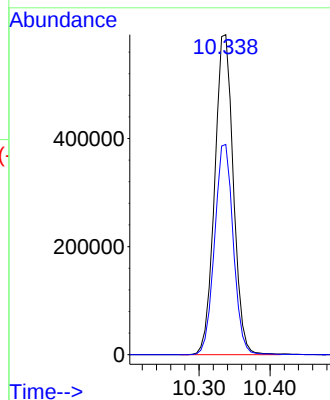
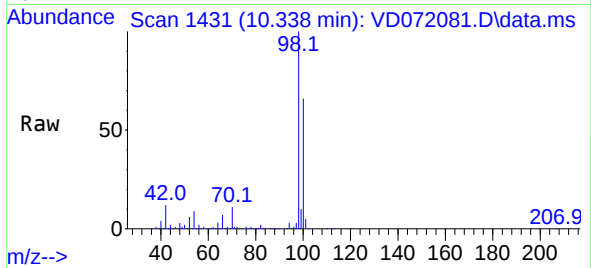




#50
Toluene-d8
Concen: 54.194 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

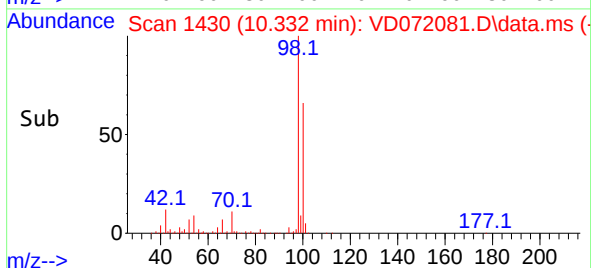
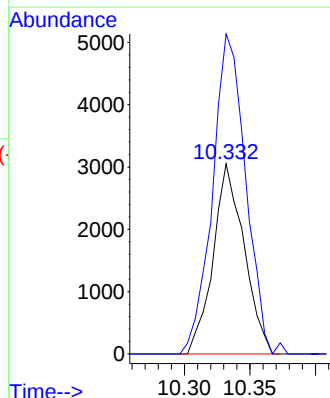
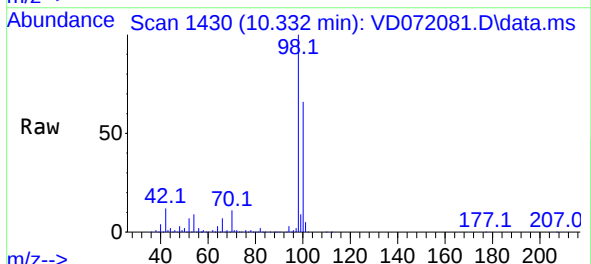
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

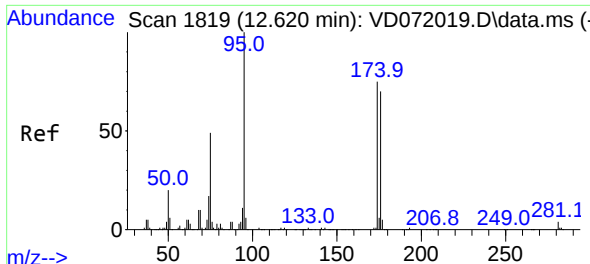
Tgt Ion: 98 Resp: 1077344
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.347 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
58 180.9 30.8 46.2#

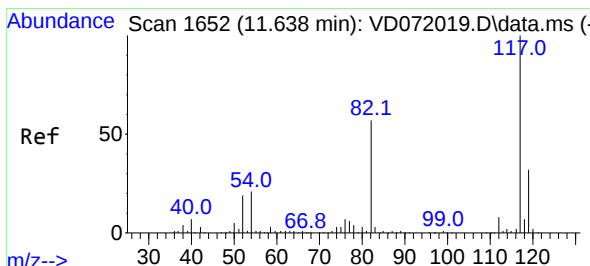
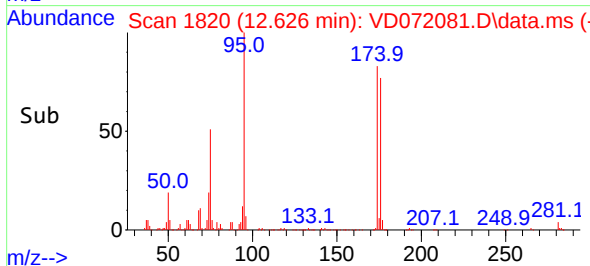
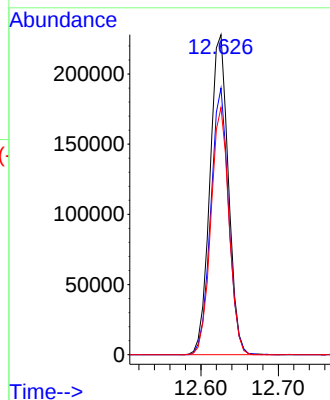
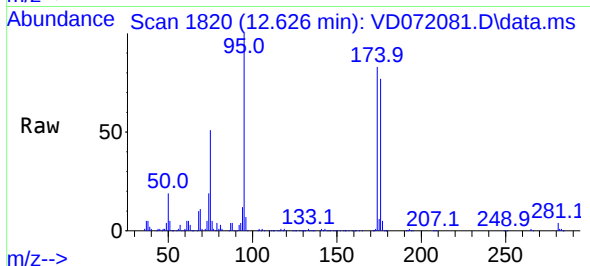




#62
4-Bromofluorobenzene
Concen: 51.630 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

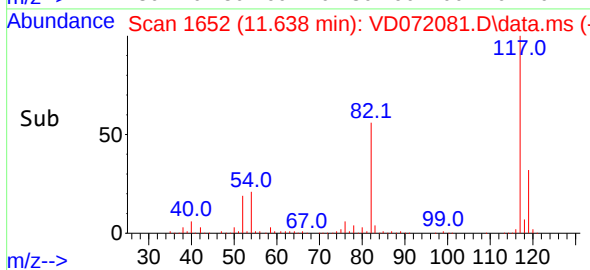
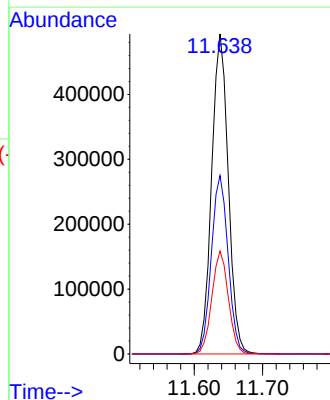
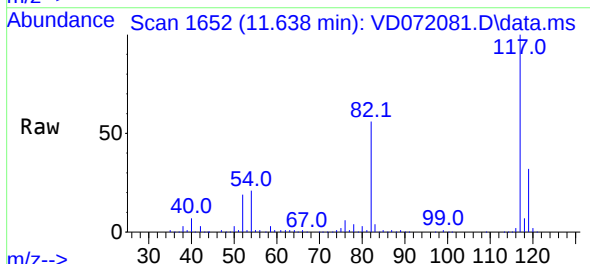
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

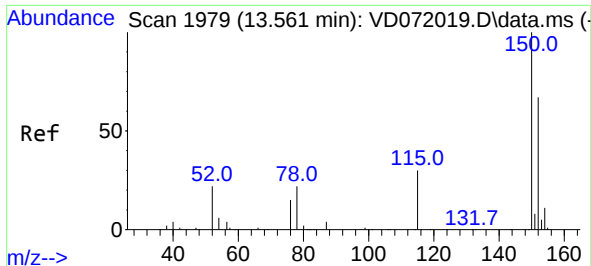
Tgt Ion: 95 Resp: 377016
Ion Ratio Lower Upper
95 100
174 80.7 0.0 155.0
176 75.7 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Tgt Ion: 117 Resp: 837088
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.1 25.4 38.2

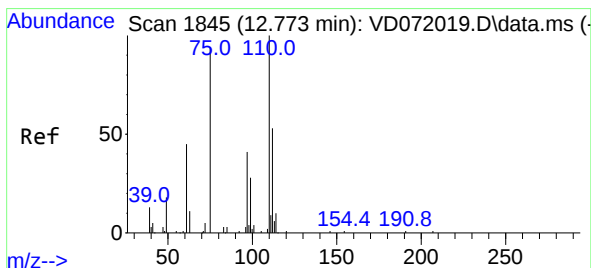
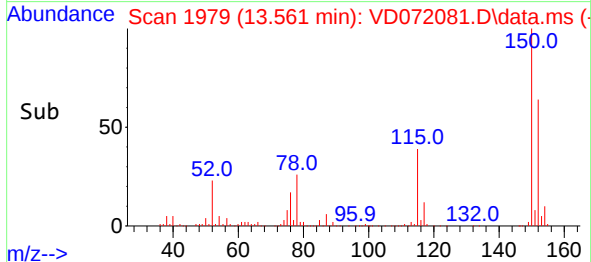
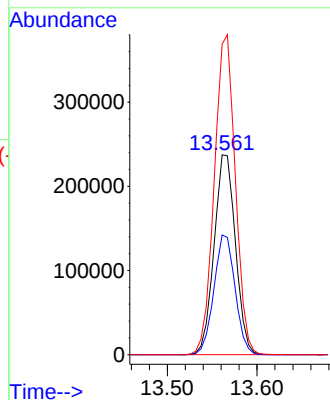
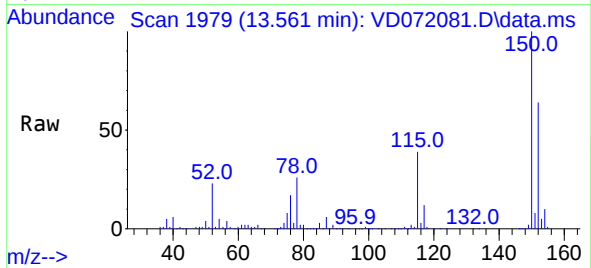




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

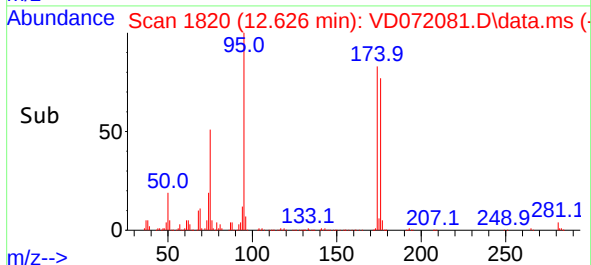
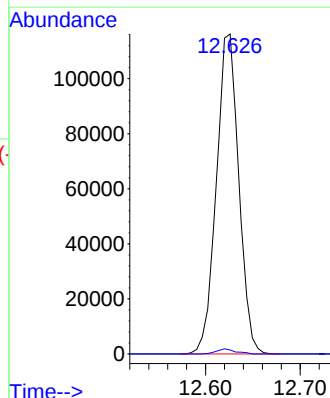
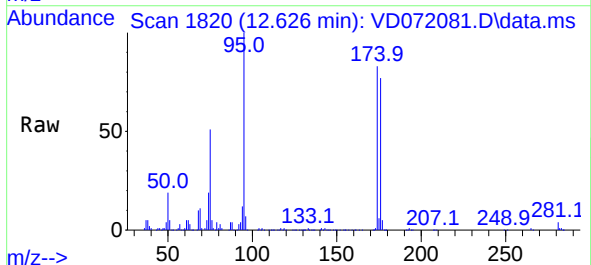
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

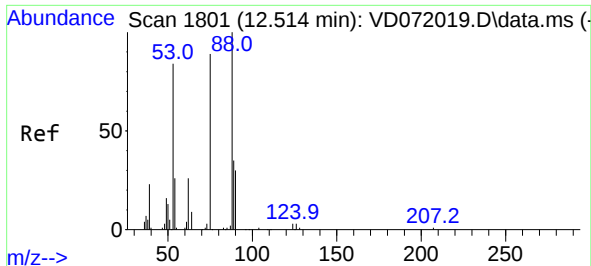
Tgt Ion:152 Resp: 392821
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 157.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.359 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

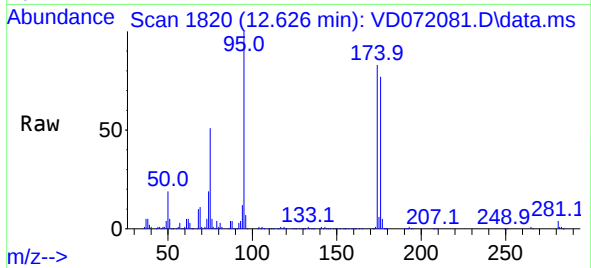
Tgt Ion: 75 Resp: 191101
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.614 ug/l
RT: 12.626 min Scan# 1801
Delta R.T. 0.112 min
Lab File: VD072081.D
Acq: 23 Feb 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VIBLK



Tgt Ion: 75 Resp: 191101
Ion Ratio Lower Upper
75 100
53 0.2 80.2 120.4#
89 0.1 36.4 54.6#

