

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072229.D
 Acq On : 16 Mar 2022 20:22
 Operator : VA/SY
 Sample : N1894-01
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1(0-10)

Quant Time: Mar 17 02:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

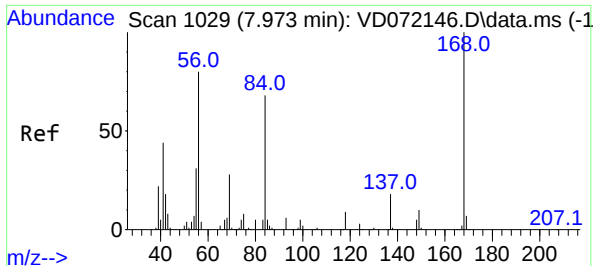
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	474605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	777670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	822158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	398816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227772	43.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.120%
35) Dibromofluoromethane	7.908	113	239088	43.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.332	98	971224	48.536	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	404322	52.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.000%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	936	2.411	ug/l #	67
11) Tert butyl alcohol	5.167	59	1892	6.169	ug/l #	74
16) Acetone	4.167	43	3388	2.950	ug/l	100
17) Carbon Disulfide	4.403	76	5094	1.986	ug/l	98
20) Methylene Chloride	4.961	84	20540	Below Cal		96
31) Cyclohexane	7.973	56	10763	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	38585	5.026	ug/l #	50
38) Carbon Tetrachloride	7.973	117	49091	5.625	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	206723	46.990	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	206723	116.587	ug/l #	7

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

Quant Time: Mar 17 02:29:08 2022
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Quant Title : SW846 8260
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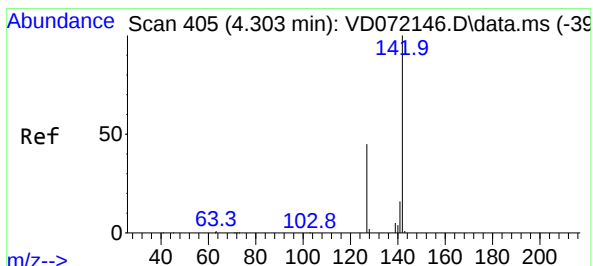
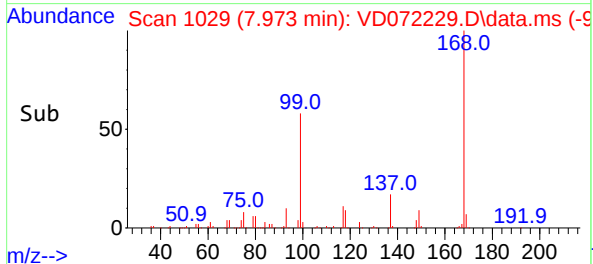
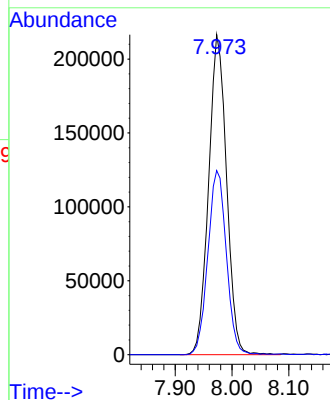
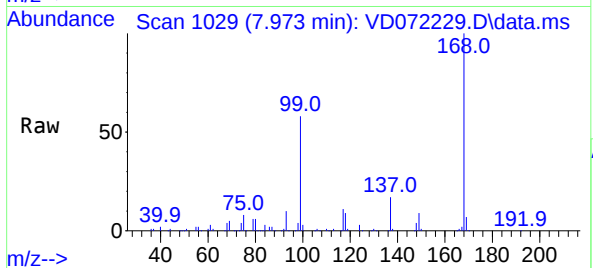




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

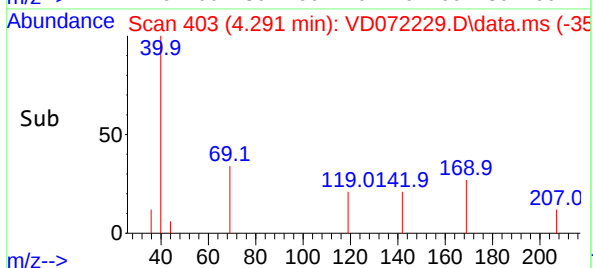
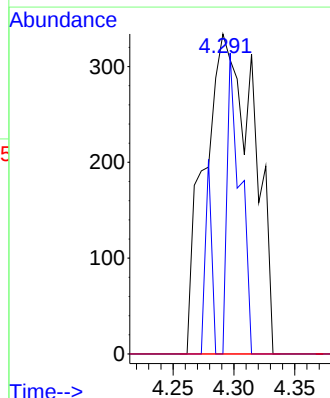
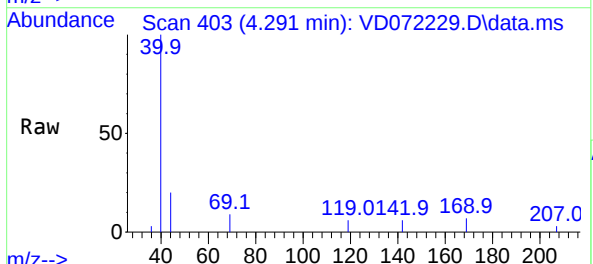
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

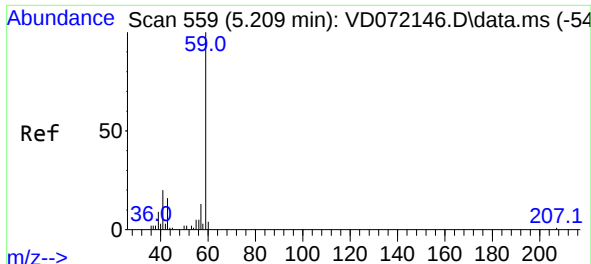
Tgt Ion:168 Resp: 474605
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#10
Methyl Iodide
Concen: 2.411 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion:142 Resp: 936
Ion Ratio Lower Upper
142 100
127 25.2 37.3 55.9#
141 0.0 11.7 17.5#

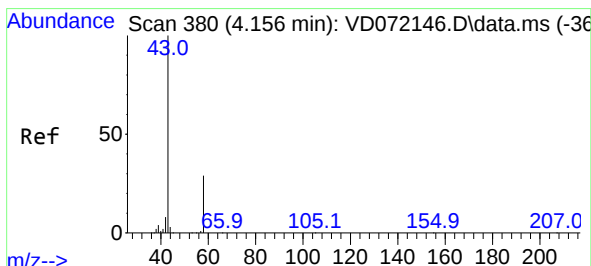
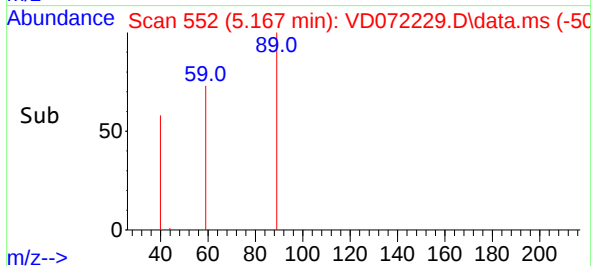
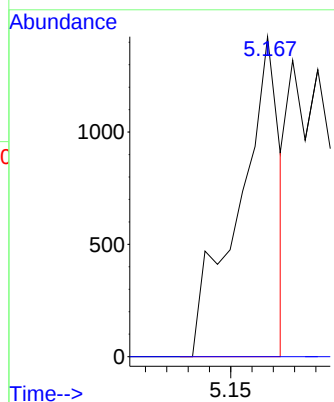
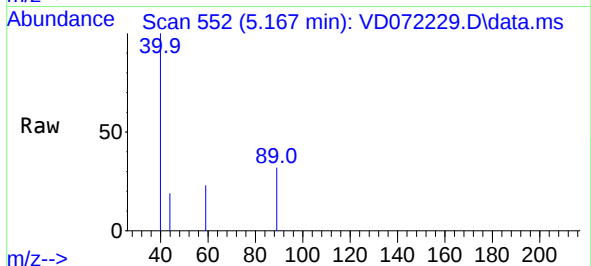




#11
Tert butyl alcohol
Concen: 6.169 ug/l
RT: 5.167 min Scan# 511
Delta R.T. -0.041 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

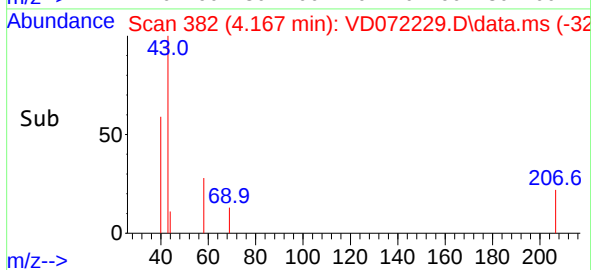
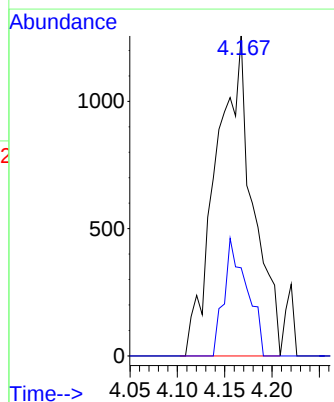
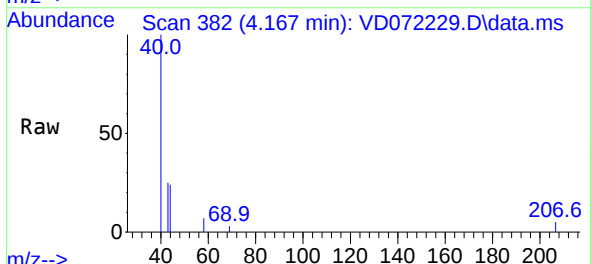
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

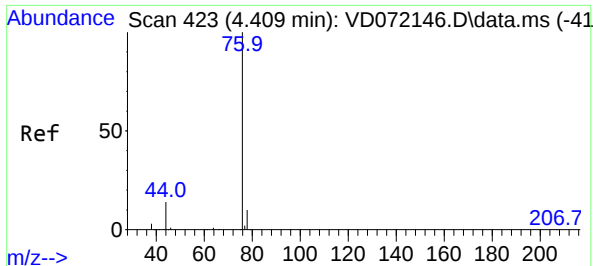
Tgt Ion: 59 Resp: 1892
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.950 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
58 27.5 22.1 33.1

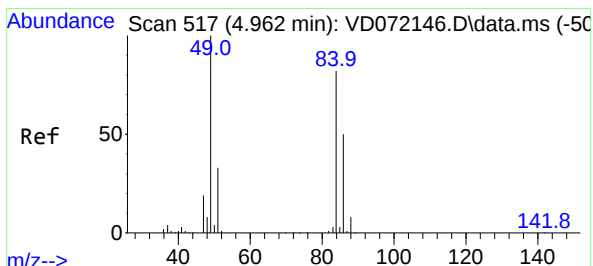
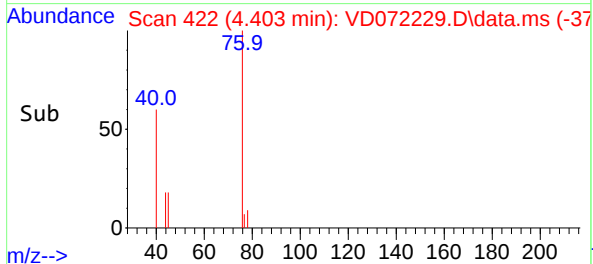
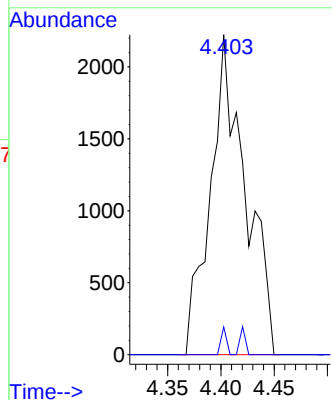
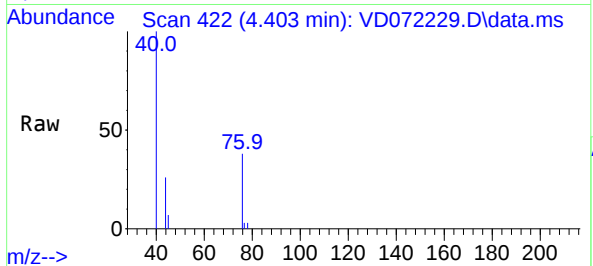




#17
Carbon Disulfide
Concen: 1.986 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

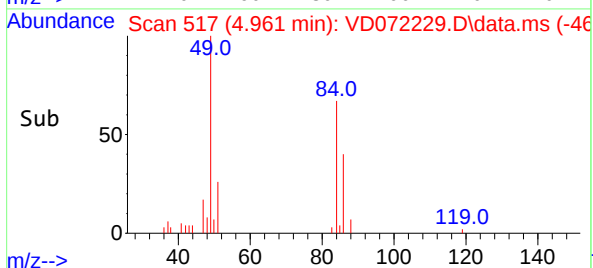
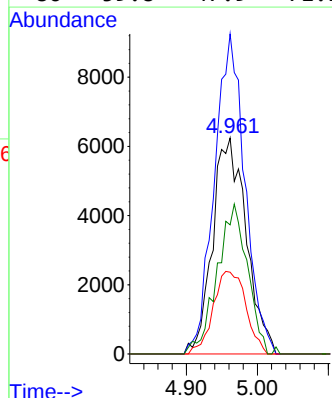
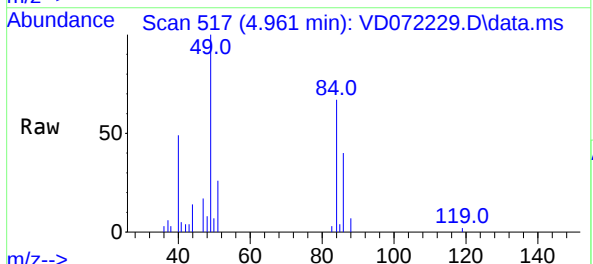
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

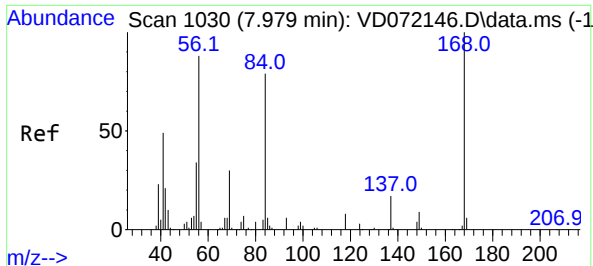
Tgt Ion: 76 Resp: 5094
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 84 Resp: 20540
Ion Ratio Lower Upper
84 100
49 148.2 112.8 169.2
51 37.9 32.6 48.8
86 59.8 47.9 71.9

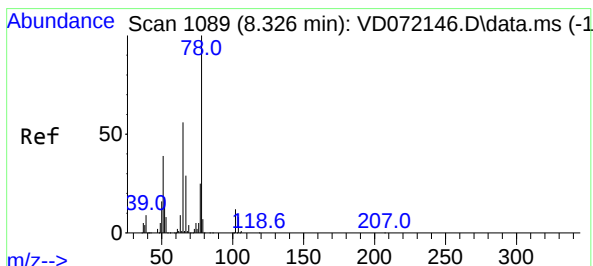
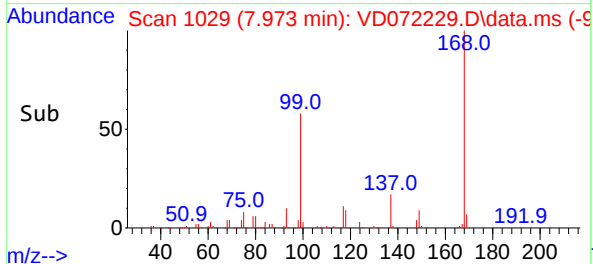
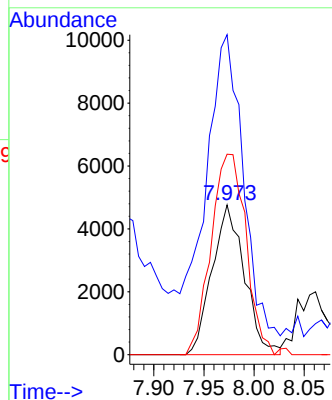
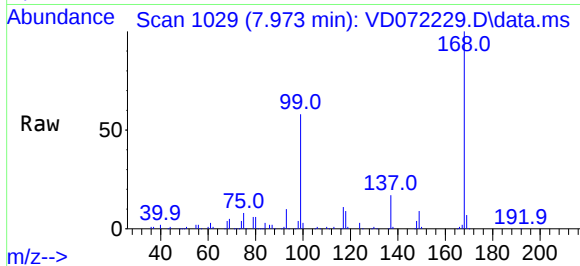




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

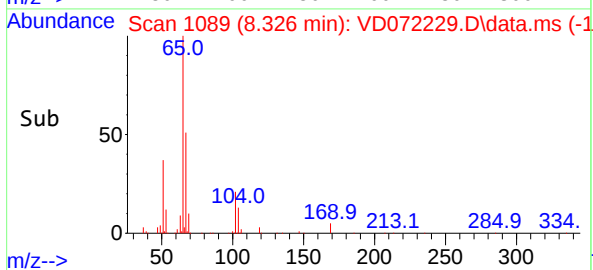
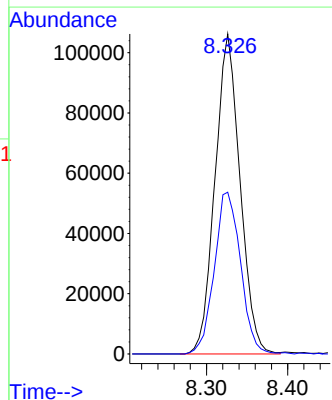
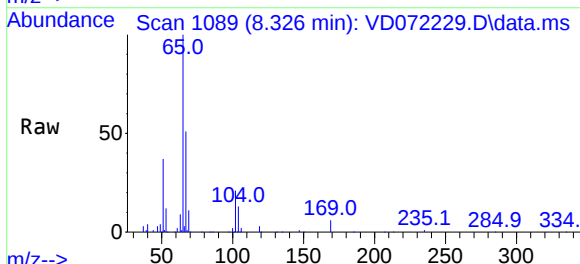
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

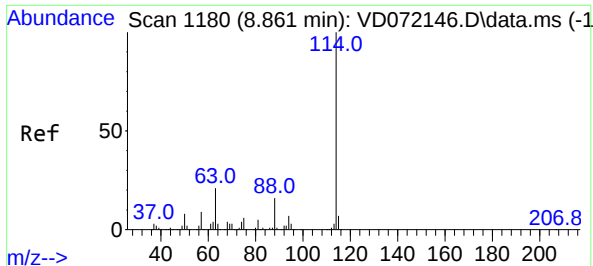
Tgt Ion: 56 Resp: 10763
Ion Ratio Lower Upper
56 100
69 201.1 25.4 38.2#
84 134.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 43.064 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 65 Resp: 227772
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072229.D

Acq: 16 Mar 2022 20:22

Instrument :

MSVOA_D

ClientSampleId :

TP1(0-10)

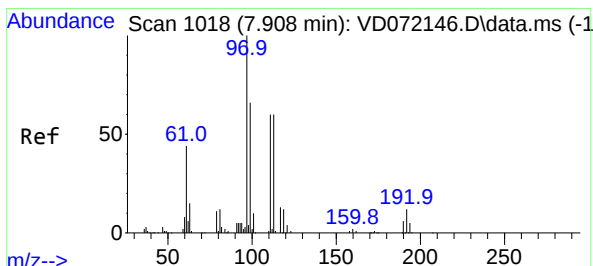
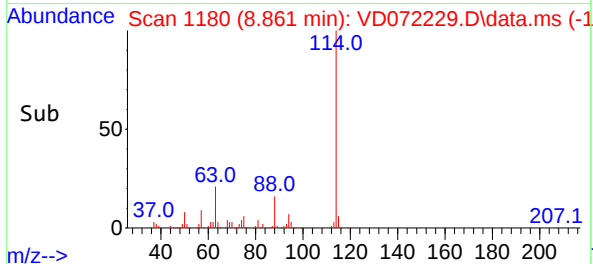
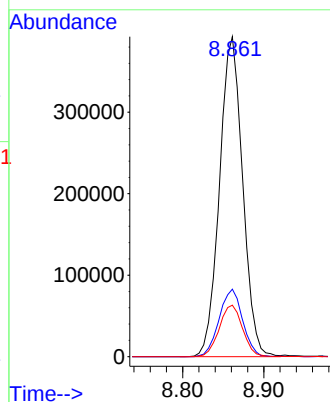
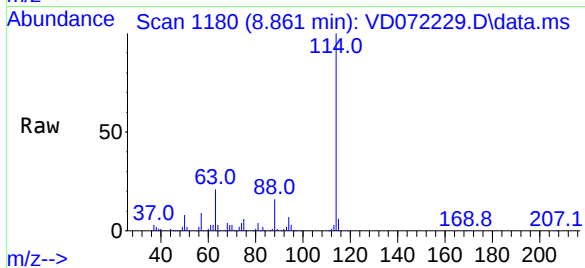
Tgt Ion:114 Resp: 777670

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.689 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072229.D

Acq: 16 Mar 2022 20:22

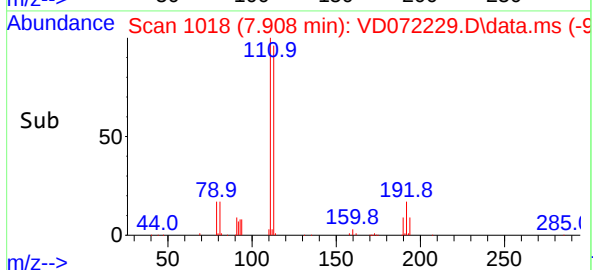
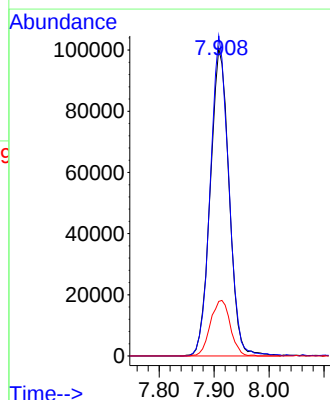
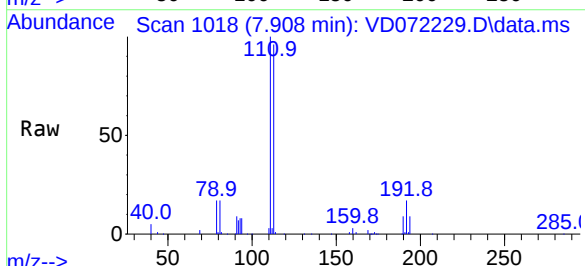
Tgt Ion:113 Resp: 239088

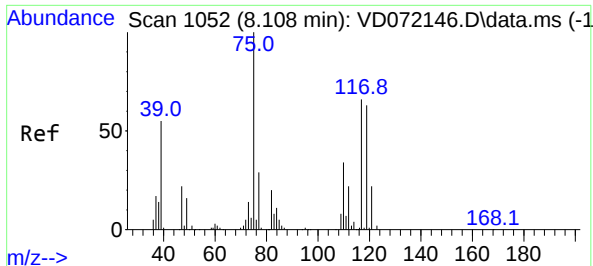
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 19.1 14.6 21.8

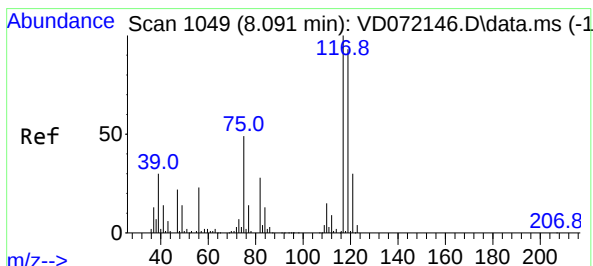
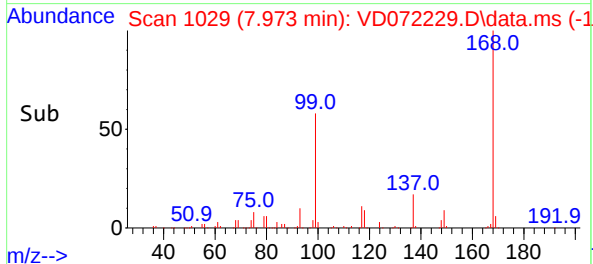
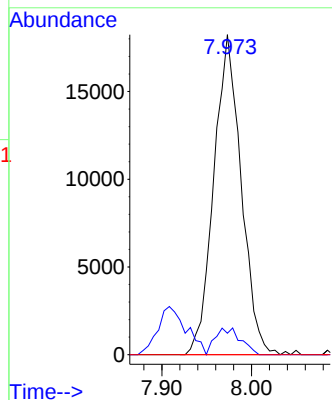
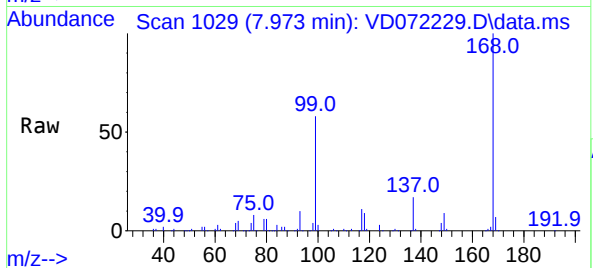




#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

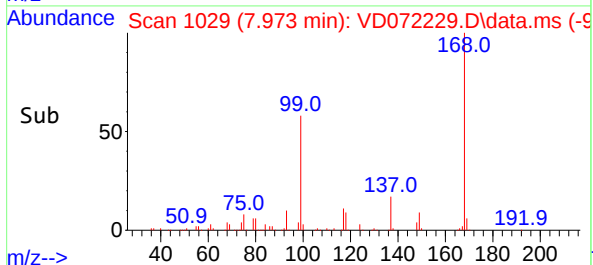
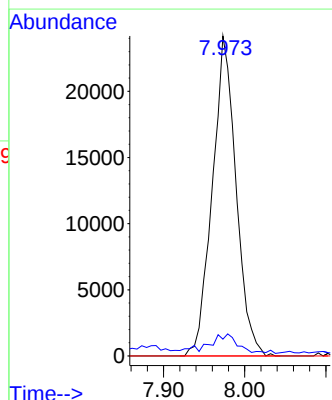
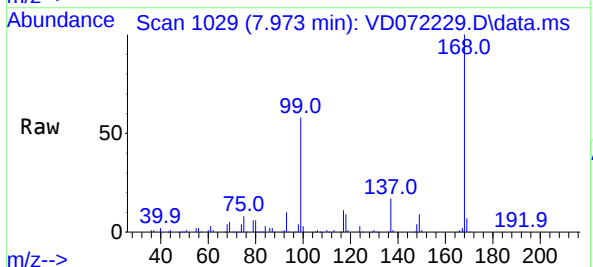
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

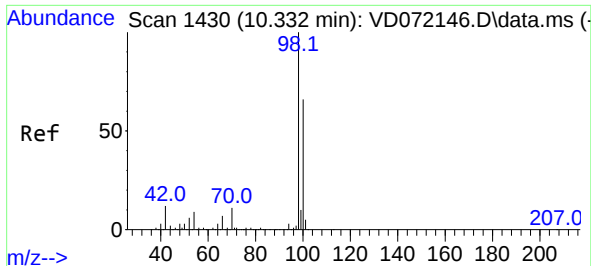
Tgt Ion: 75 Resp: 38585
Ion Ratio Lower Upper
75 100
110 7.7 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 117 Resp: 49091
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#

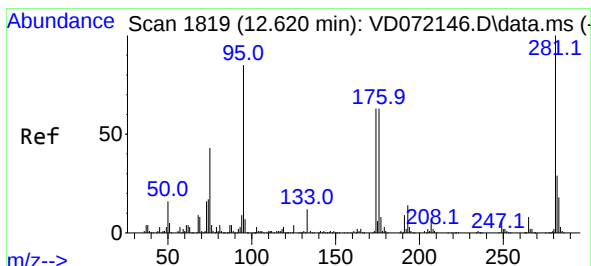
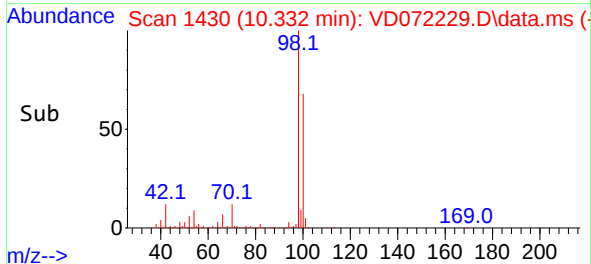
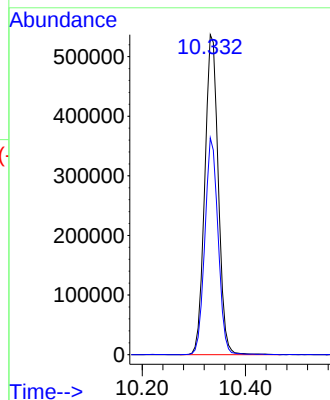
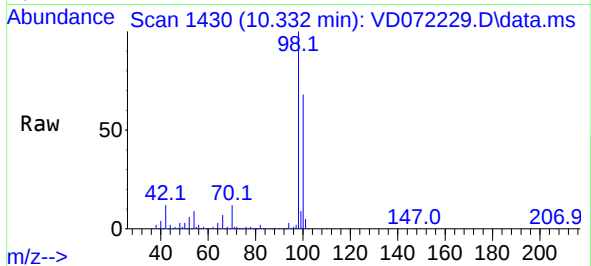




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

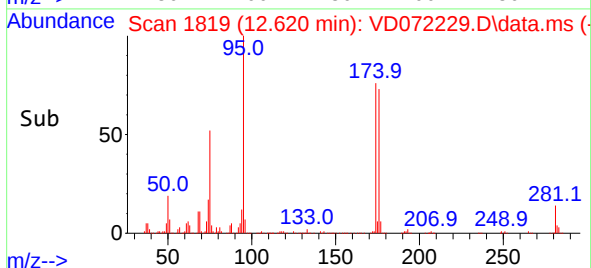
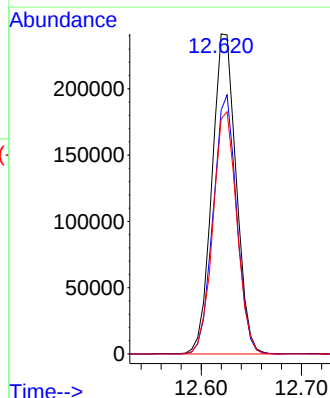
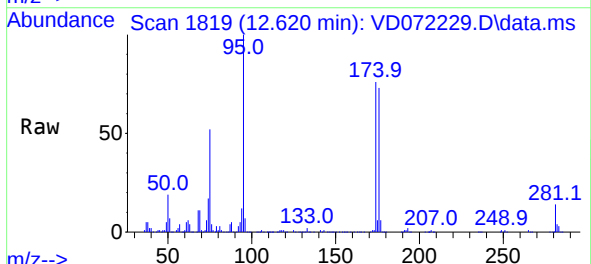
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

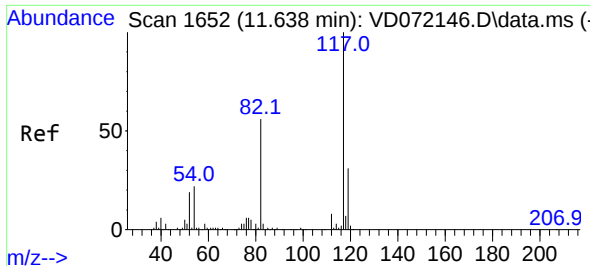
Tgt Ion: 98 Resp: 971224
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 95 Resp: 404322
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 74.6 0.0 145.4

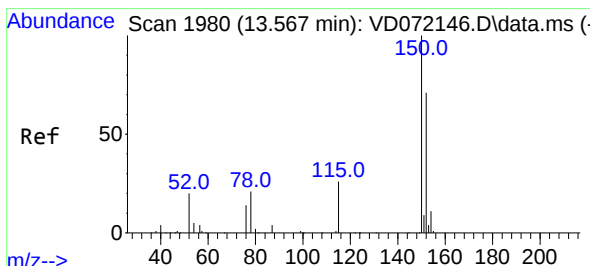
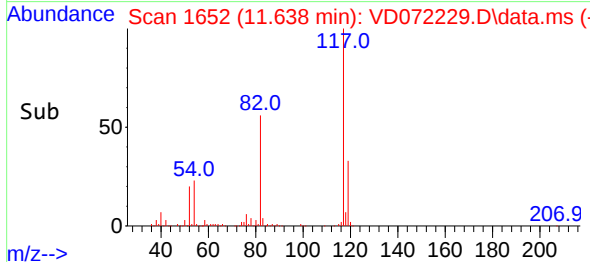
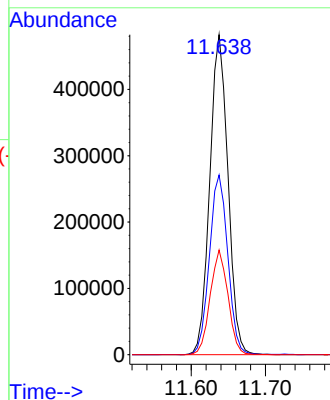
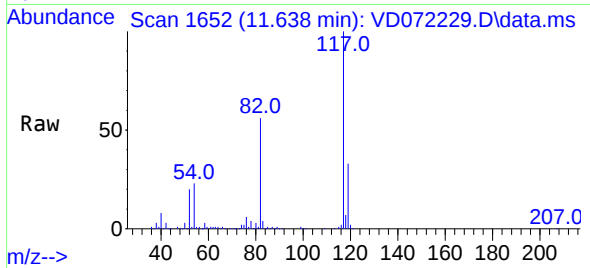




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

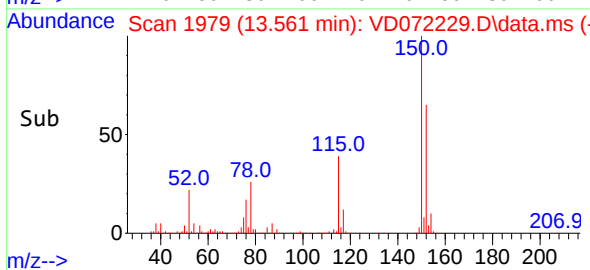
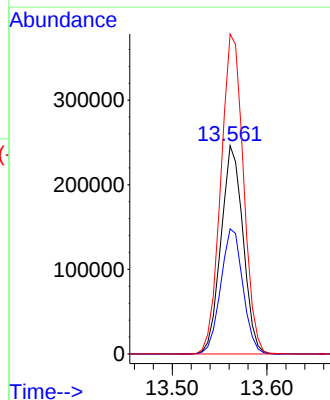
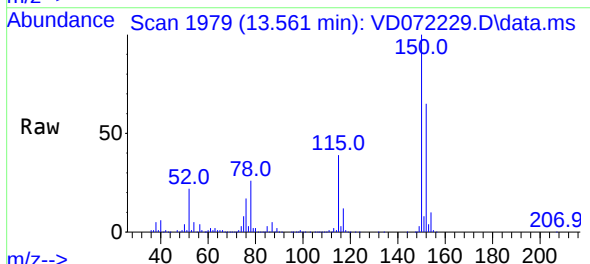
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

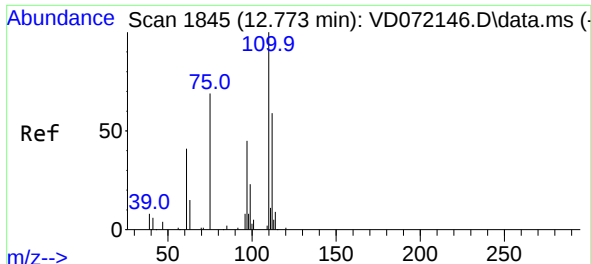
Tgt Ion:117 Resp: 822158
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion:152 Resp: 398816
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.3 0.0 348.6

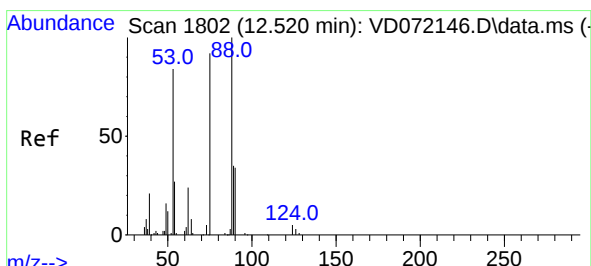
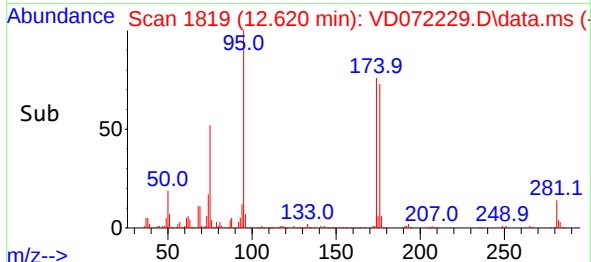
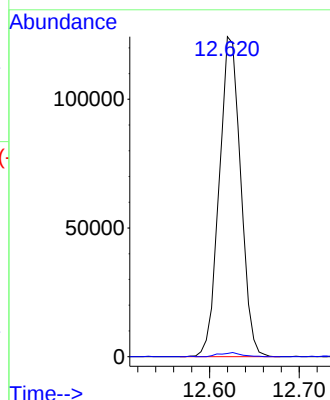
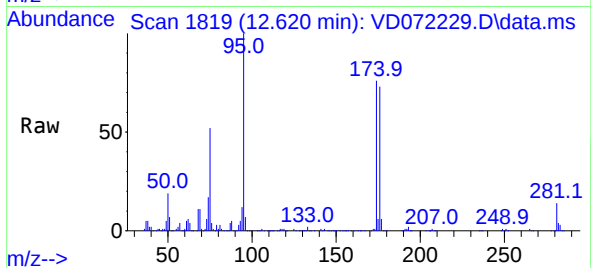




#76
1,2,3-Trichloropropane
Concen: 46.990 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

Tgt Ion: 75 Resp: 206723
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 75 Resp: 206723
Ion Ratio Lower Upper
75 100
53 0.4 86.5 129.7#
89 0.1 33.9 50.9#

