

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072186.D
 Acq On : 15 Mar 2022 13:56
 Operator : VA/SY
 Sample : N1851-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-35

Quant Time: Mar 15 17:45:38 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)

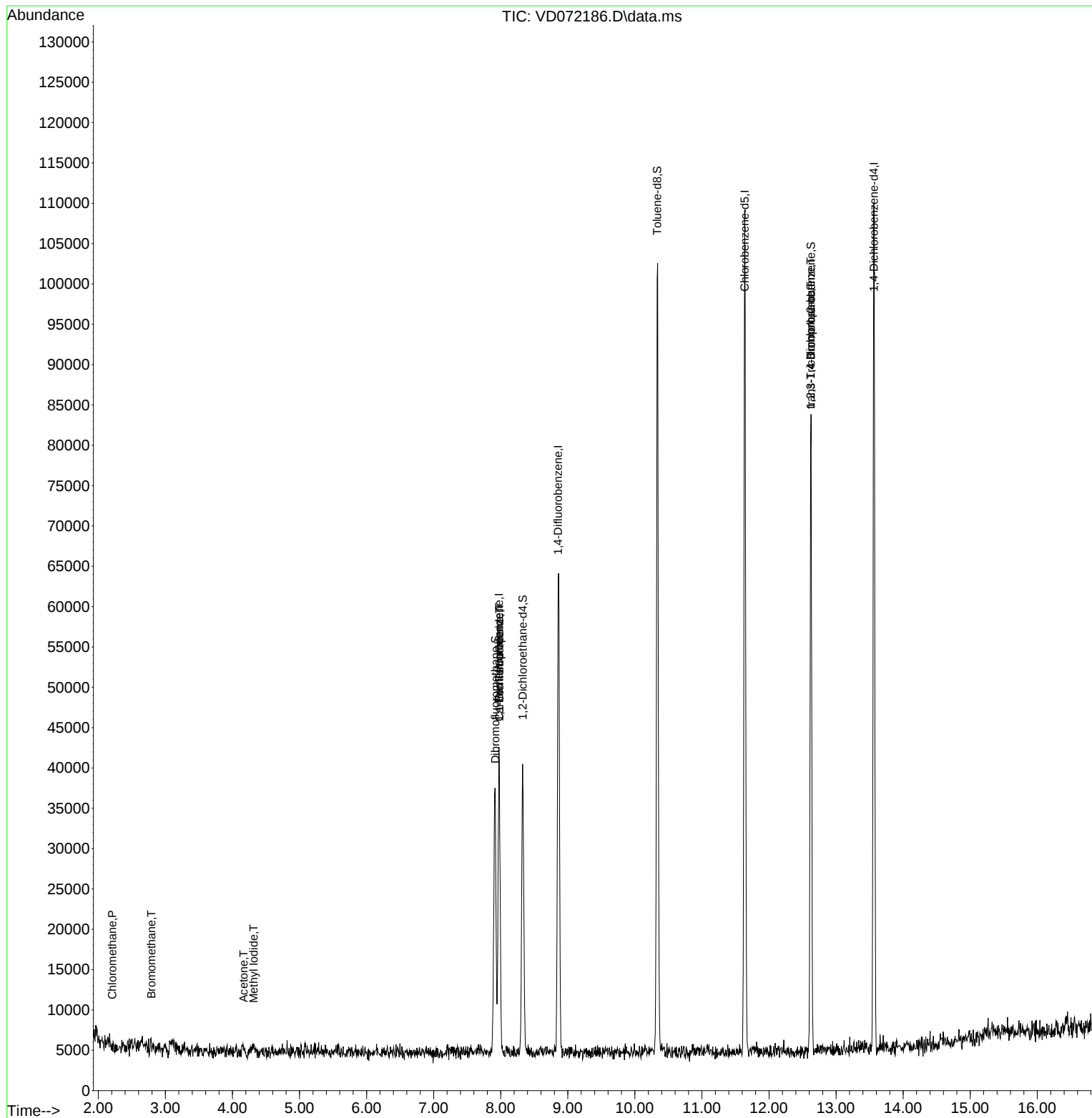
Internal Standards						
1) Pentafluorobenzene	7.973	168	25820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	51192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	58784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	28534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27376	95.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.280%#	
35) Dibromofluoromethane	7.920	113	23660	65.678	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.360%	
50) Toluene-d8	10.332	98	67519	51.258	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.520%	
62) 4-Bromofluorobenzene	12.626	95	25164	49.166	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	477	2.248	ug/l #	40
5) Bromomethane	2.791	94	523	3.921	ug/l	81
10) Methyl Iodide	4.315	142	600	4.396	ug/l #	38
16) Acetone	4.168	43	848	13.573	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	2263	4.478	ug/l #	43
38) Carbon Tetrachloride	7.979	117	3071	5.346	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	13559	43.078	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	13559	106.881	ug/l #	7

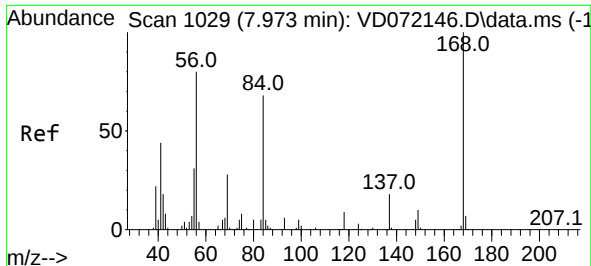
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

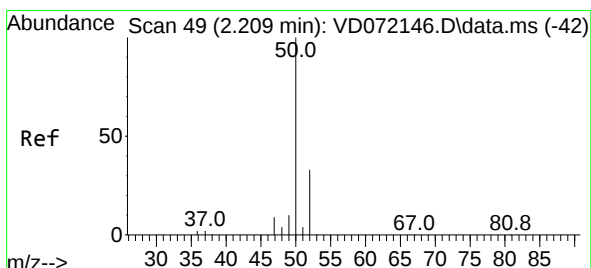
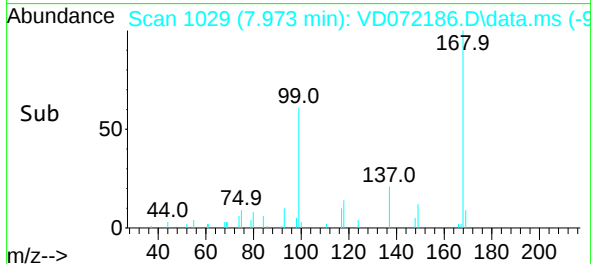
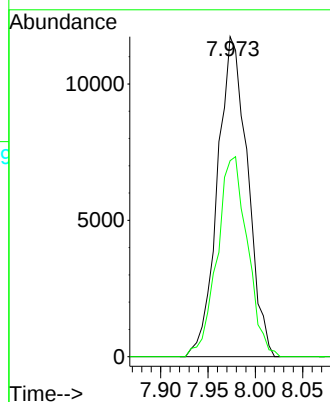
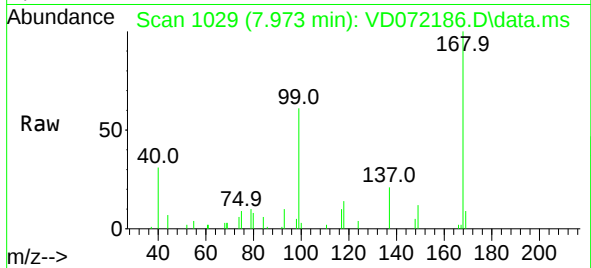




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

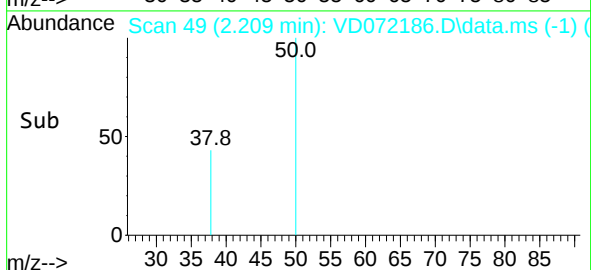
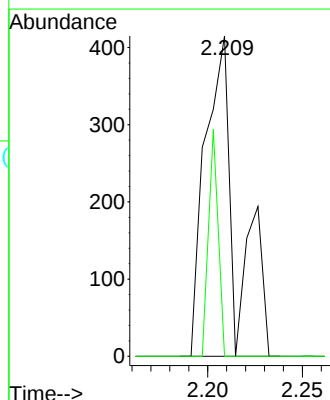
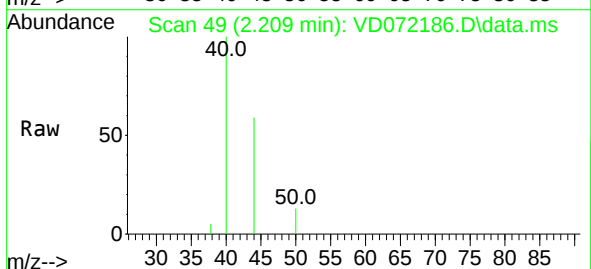
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

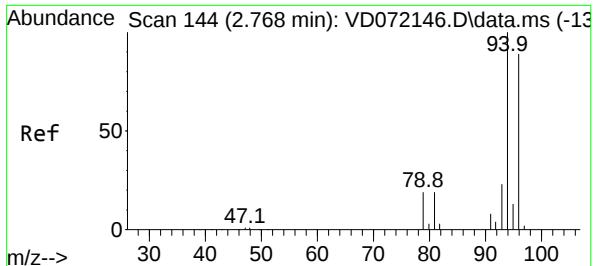
Tgt Ion:168 Resp: 25820
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#3
Chloromethane
Concen: 2.248 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

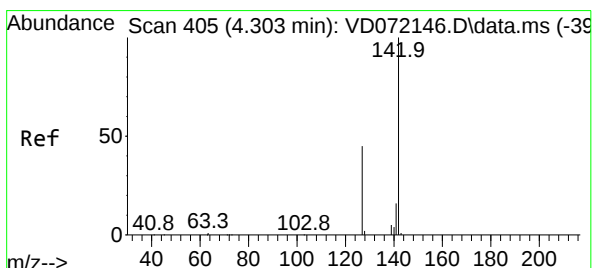
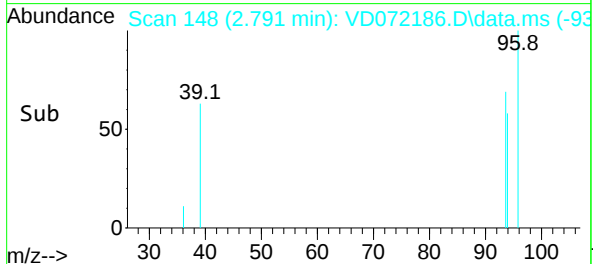
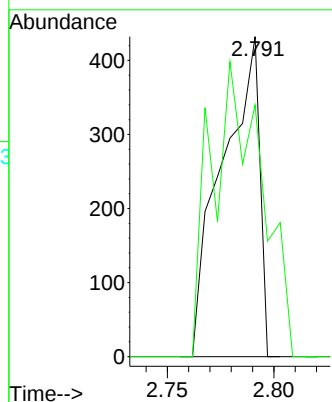
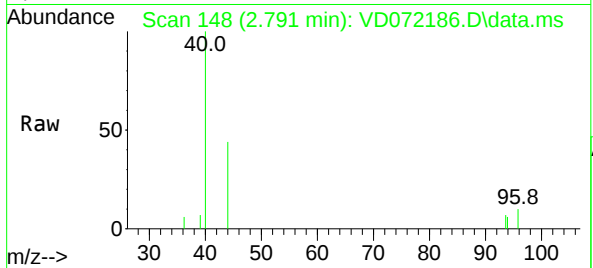




#5
Bromomethane
Concen: 3.921 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.024 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

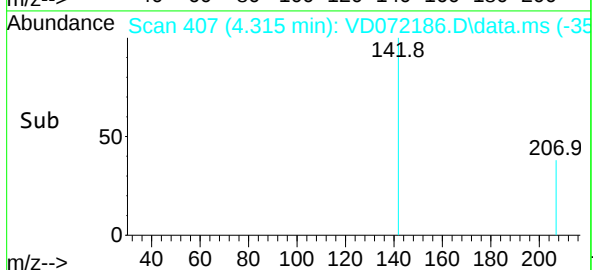
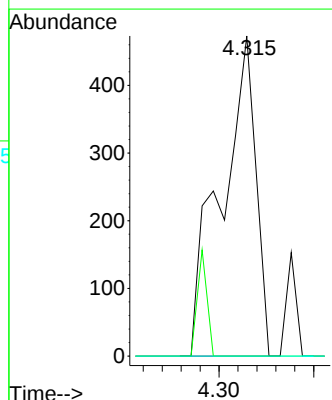
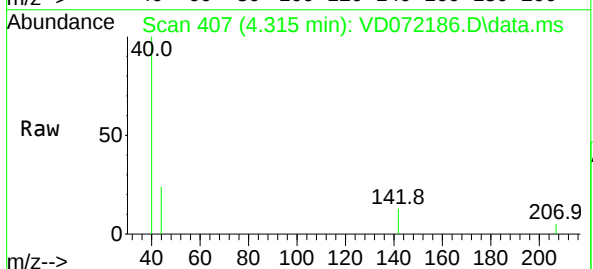
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

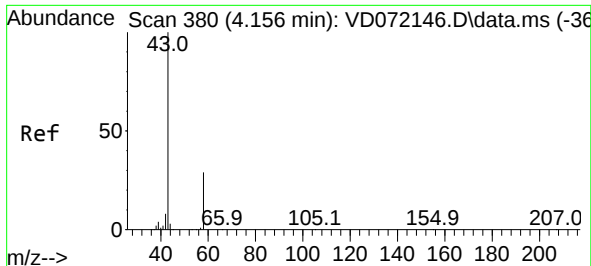
Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 78.7 77.6 116.4



#10
Methyl Iodide
Concen: 4.396 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

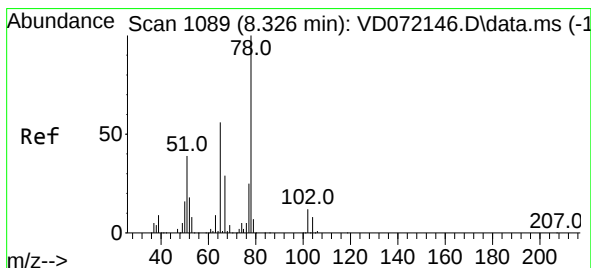
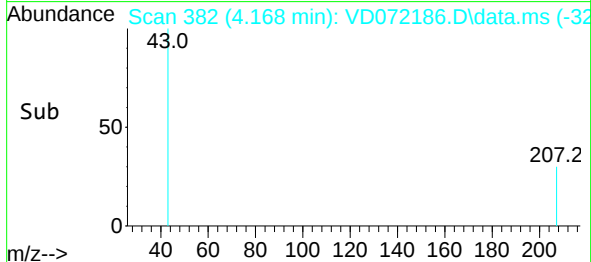
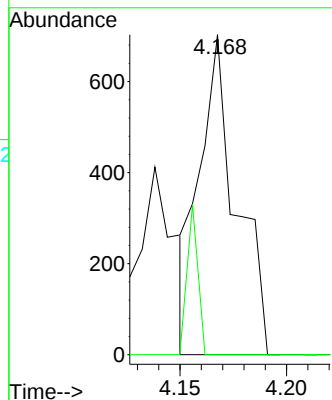
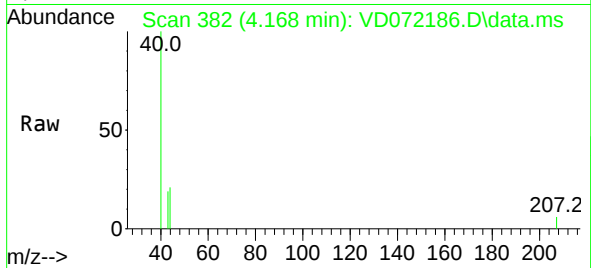




#16
Acetone
Concen: 13.573 ug/l
RT: 4.168 min Scan# 380
Delta R.T. 0.012 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

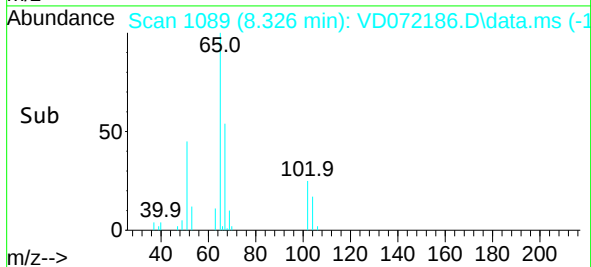
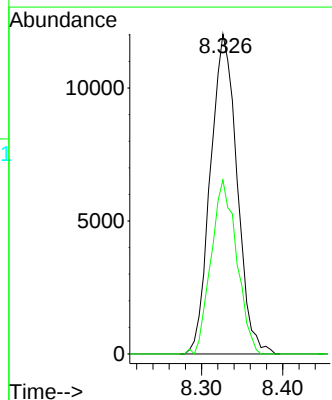
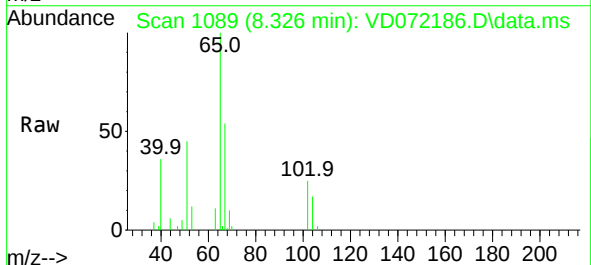
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

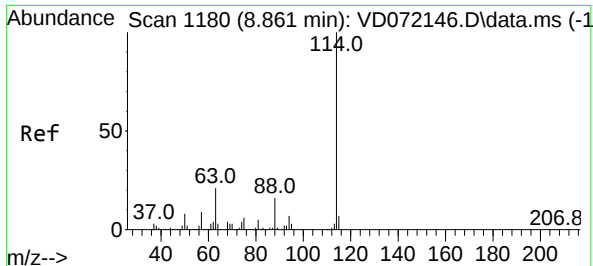
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 95.138 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion: 65 Resp: 27376
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072186.D

Acq: 15 Mar 2022 13:56

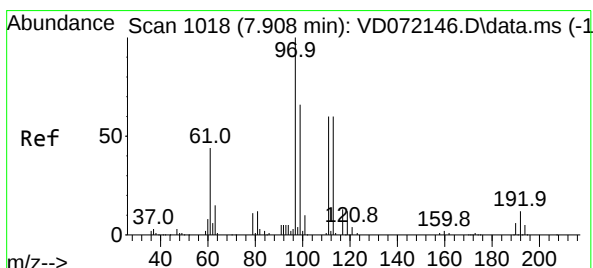
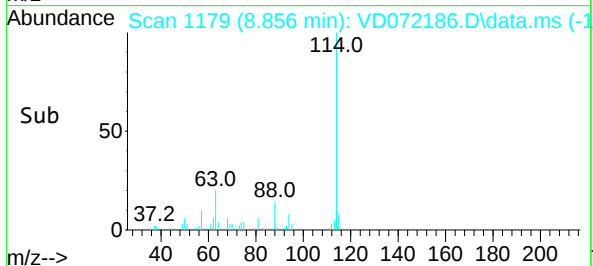
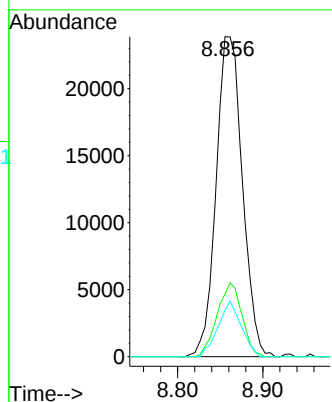
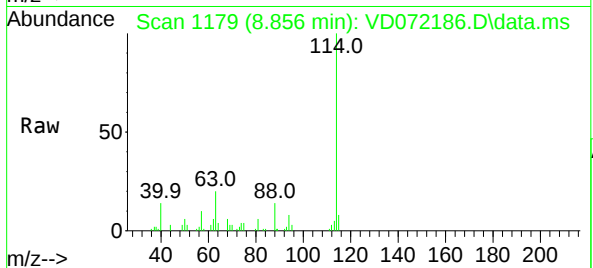
Instrument :

MSVOA_D

ClientSampleId :

DUM-35

Tgt Ion:114	Resp:	51192
Ion	Ratio	Lower Upper
114	100	
63	19.6	0.0 46.6
88	14.5	0.0 33.2



#35

Dibromofluoromethane

Concen: 65.678 ug/l

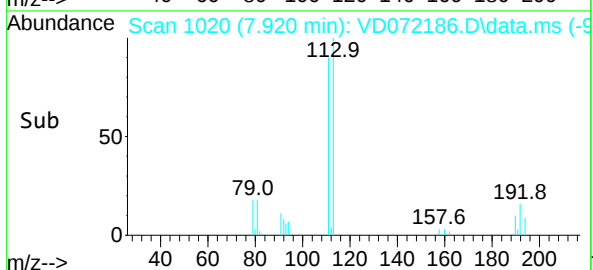
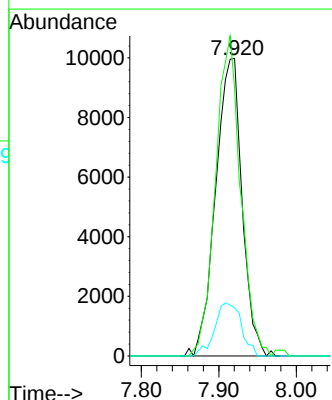
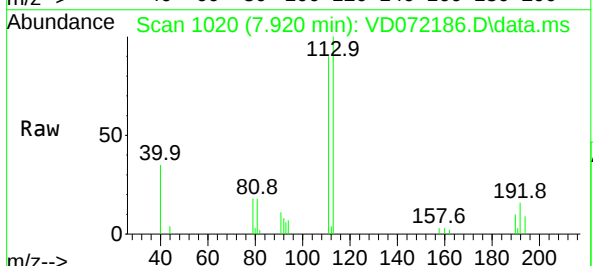
RT: 7.920 min Scan# 1020

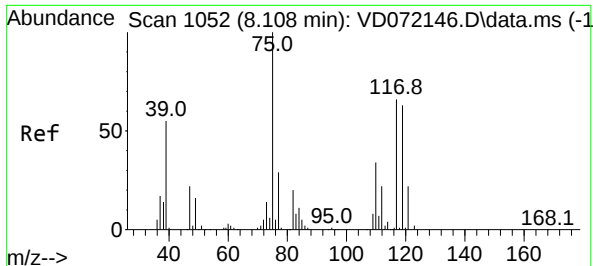
Delta R.T. 0.012 min

Lab File: VD072186.D

Acq: 15 Mar 2022 13:56

Tgt Ion:113	Resp:	23660
Ion	Ratio	Lower Upper
113	100	
111	102.4	83.8 125.6
192	18.0	14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD072186.D

Acq: 15 Mar 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

DUM-35

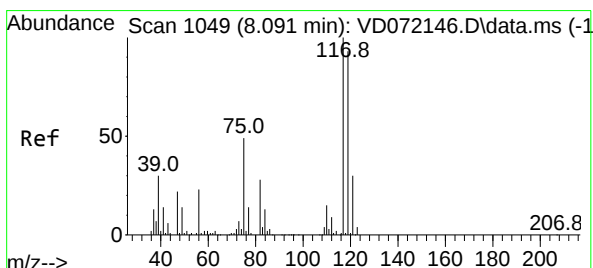
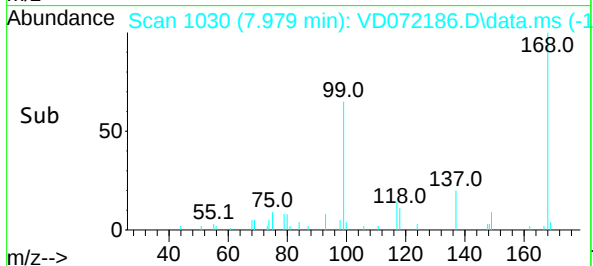
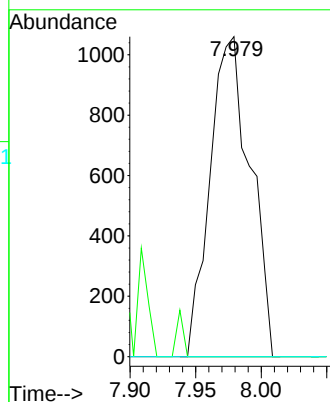
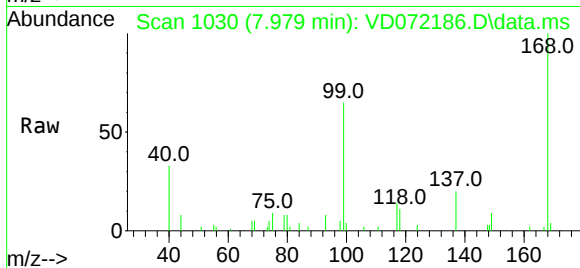
Tgt Ion: 75 Resp: 2263

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.346 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072186.D

Acq: 15 Mar 2022 13:56

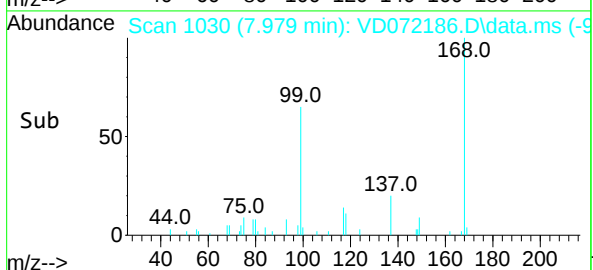
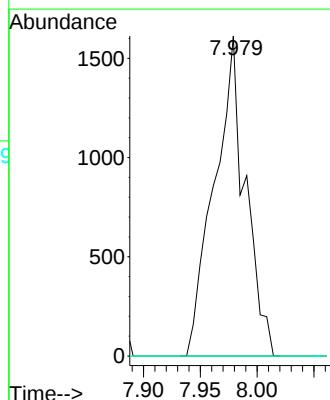
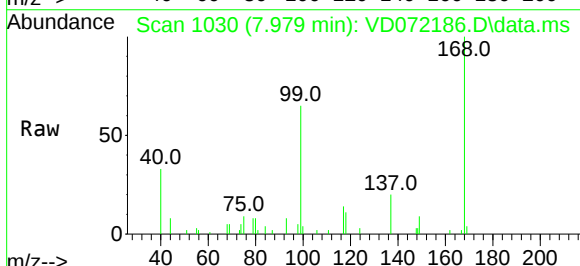
Tgt Ion: 117 Resp: 3071

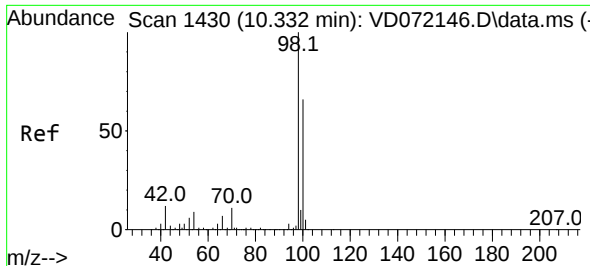
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

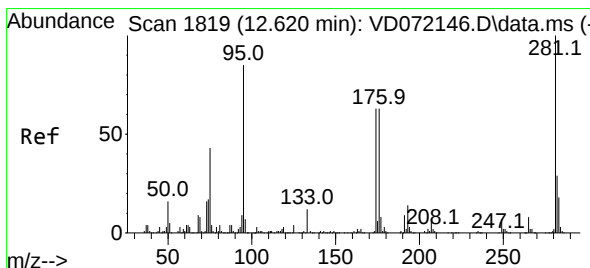
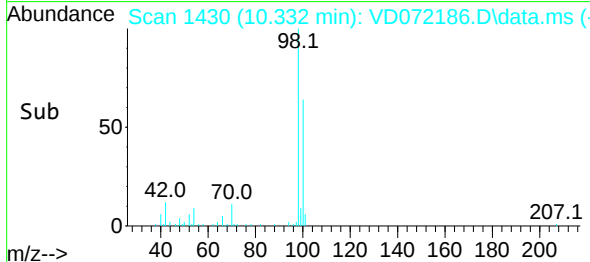
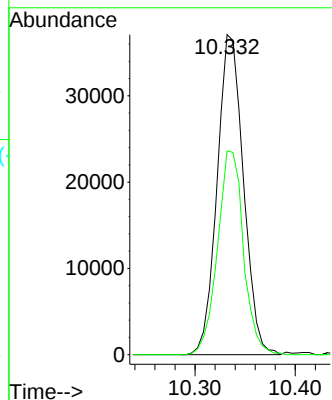
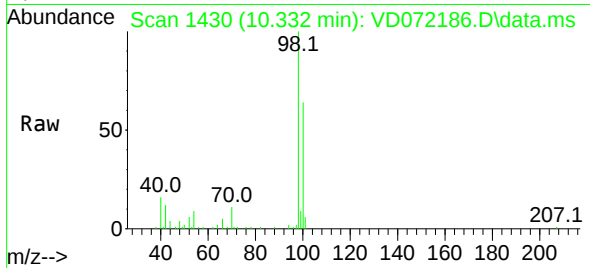




#50
Toluene-d8
Concen: 51.258 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

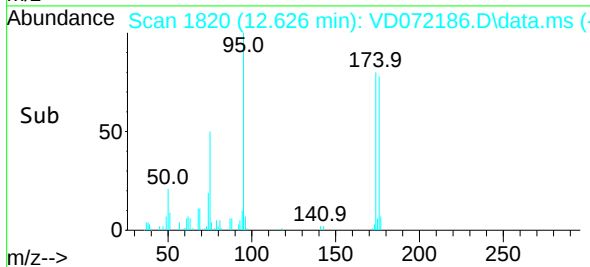
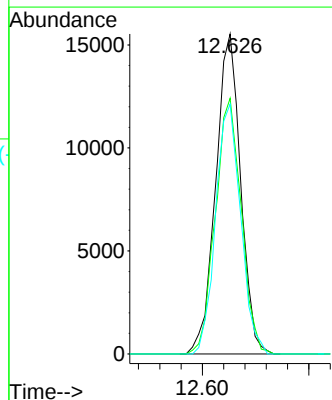
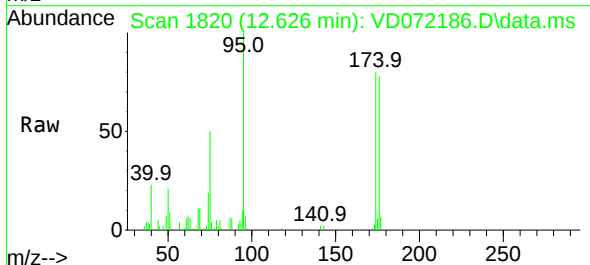
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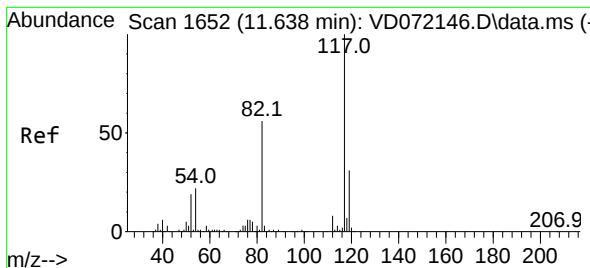
Tgt Ion: 98 Resp: 67519
Ion Ratio Lower Upper
98 100
100 62.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.166 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion: 95 Resp: 25164
Ion Ratio Lower Upper
95 100
174 83.1 0.0 152.8
176 78.4 0.0 145.4

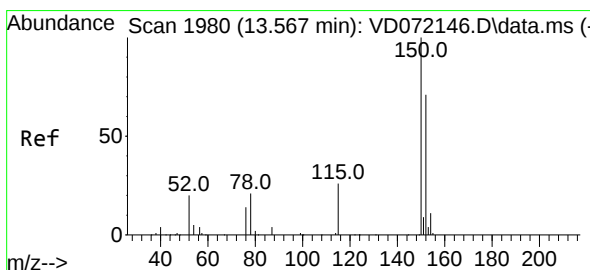
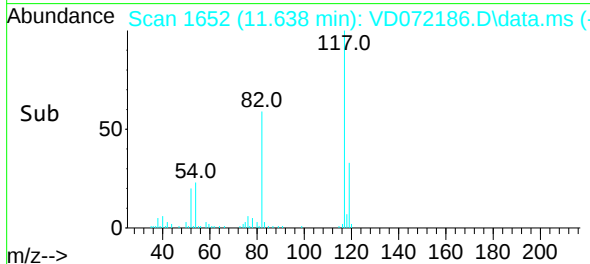
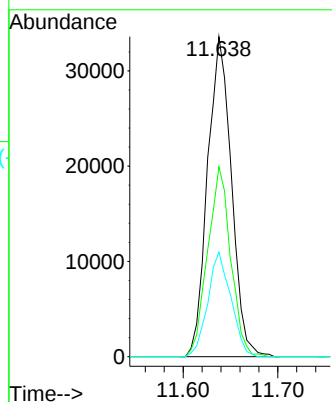
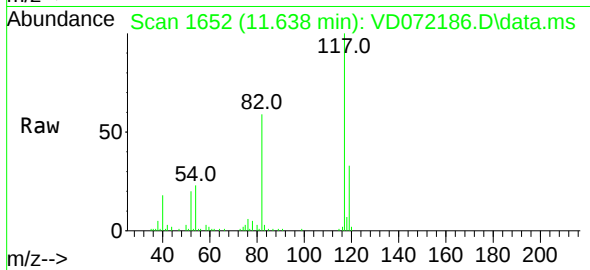




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

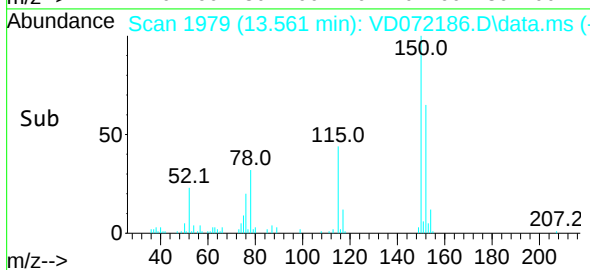
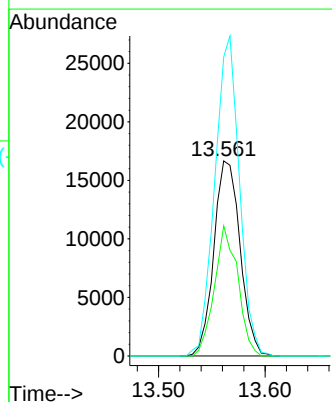
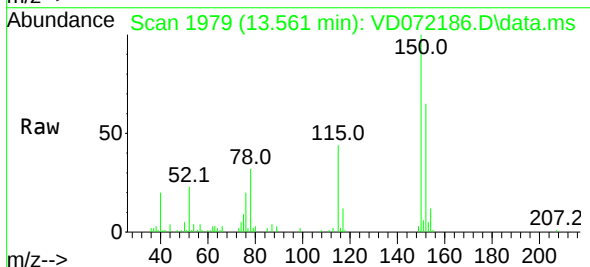
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

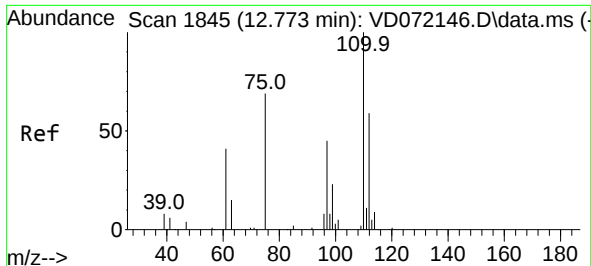
Tgt Ion:117 Resp: 58784
Ion Ratio Lower Upper
117 100
82 59.3 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion:152 Resp: 28534
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 153.8 0.0 348.6

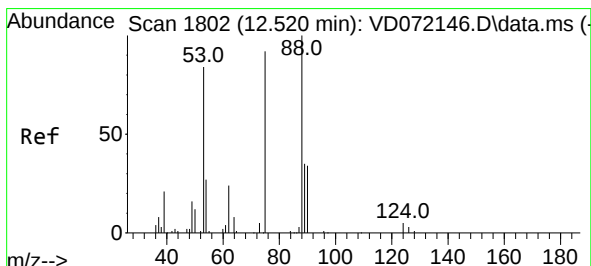
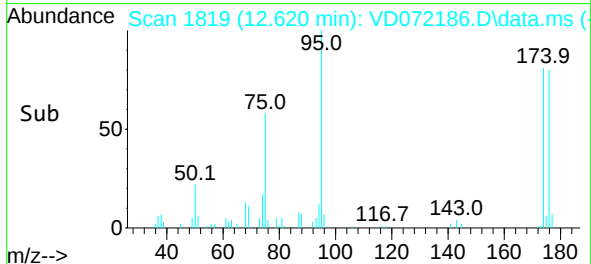
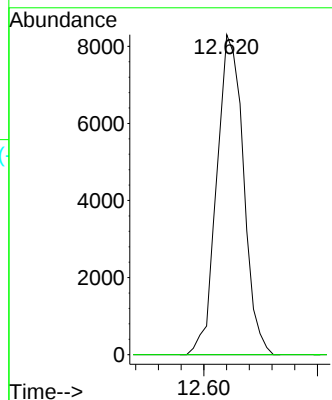
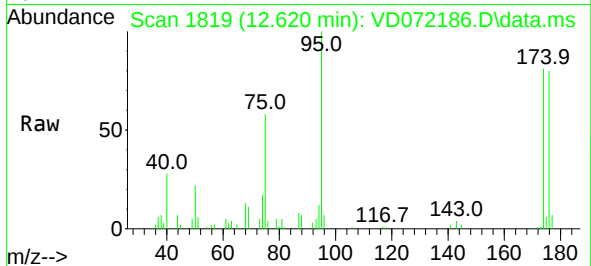




#76
1,2,3-Trichloropropane
Concen: 43.078 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Instrument :
MSVOA_D
ClientSampleId :
DUM-35

Tgt Ion: 75 Resp: 13559
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 106.881 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072186.D
Acq: 15 Mar 2022 13:56

Tgt Ion: 75 Resp: 13559
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.5 33.9 50.9#

