

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072185.D
 Acq On : 15 Mar 2022 13:28
 Operator : VA/SY
 Sample : N1851-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-34RE

Quant Time: Mar 15 17:45:21 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)

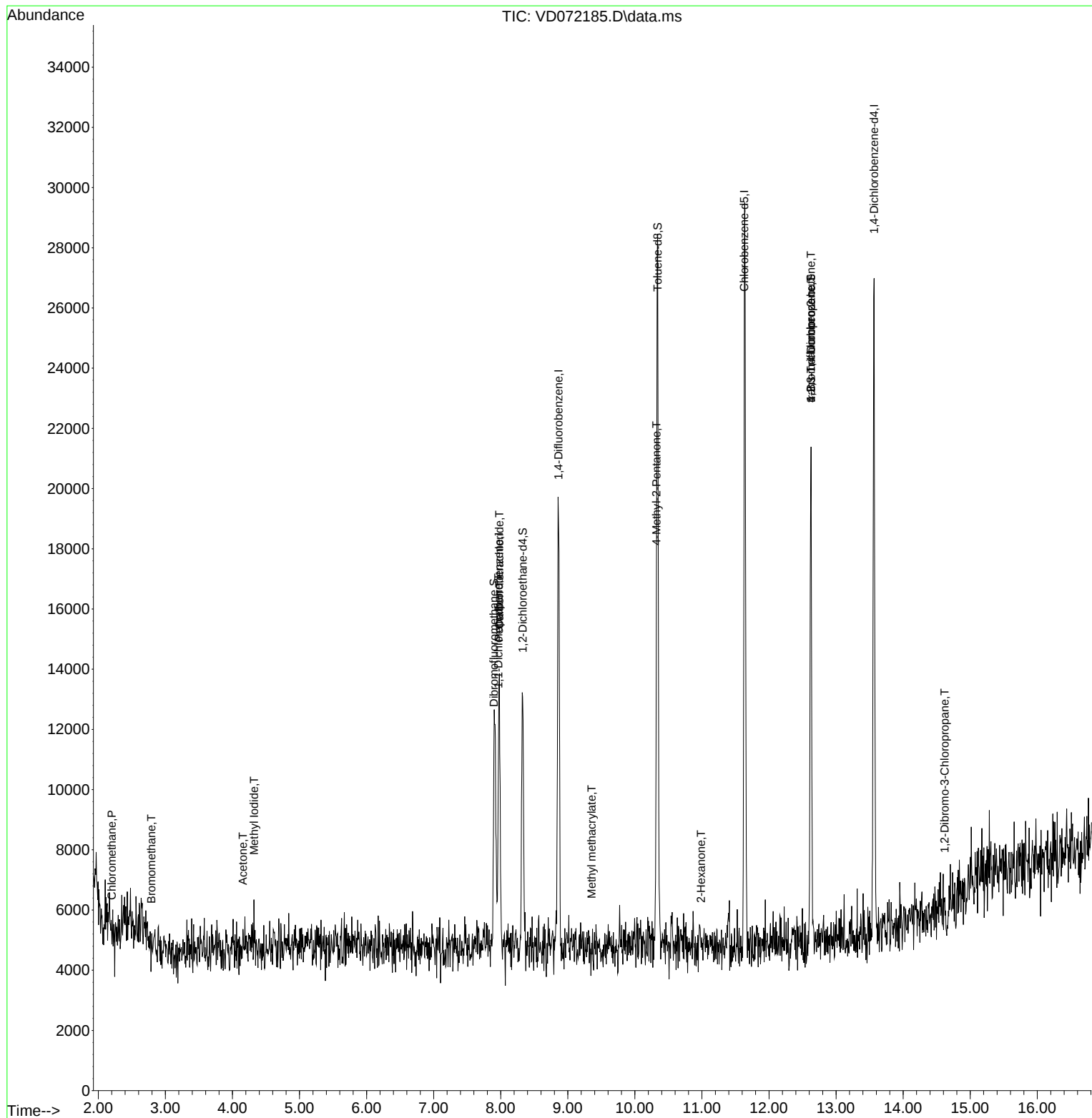
Internal Standards						
1) Pentafluorobenzene	7.973	168	6656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	12718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	14090	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6428	86.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.320%#	
35) Dibromofluoromethane	7.897	113	5800	64.806	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.620%	
50) Toluene-d8	10.338	98	16714	51.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.626	95	5770	45.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.760%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	267	4.881	ug/l #	40
5) Bromomethane	2.791	94	129	3.752	ug/l #	77
10) Methyl Iodide	4.320	142	70	3.209	ug/l #	38
16) Acetone	4.156	43	88	5.464	ug/l #	47
36) 1,1-Dichloropropene	7.967	75	555	4.420	ug/l #	43
38) Carbon Tetrachloride	7.979	117	409	2.866	ug/l #	13
48) Methyl methacrylate	9.356	41	55	1.079	ug/l #	19
51) 4-Methyl-2-Pentanone	10.320	43	69	1.231	ug/l #	39
59) 2-Hexanone	10.985	43	91	2.350	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	3245	47.121	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	3245	116.911	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.620	75	90	6.374	ug/l #	6

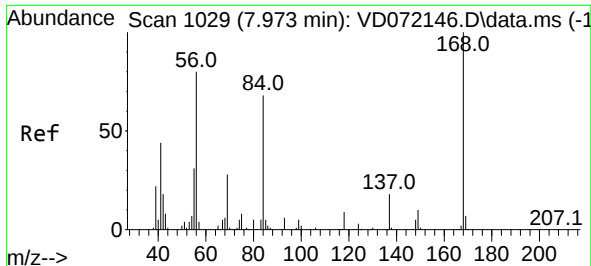
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 17:45:21 2022
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

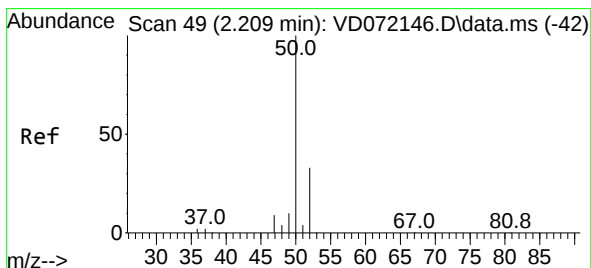
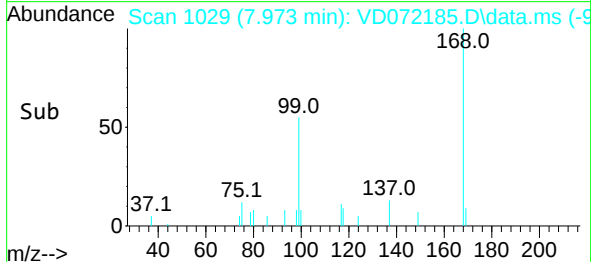
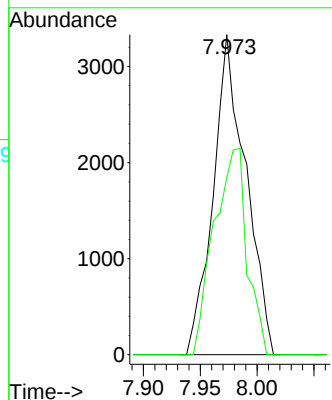
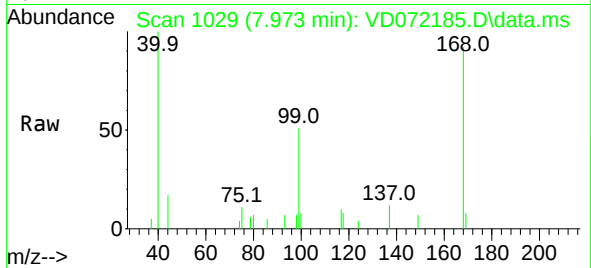




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

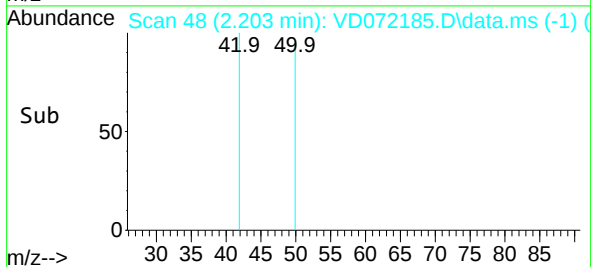
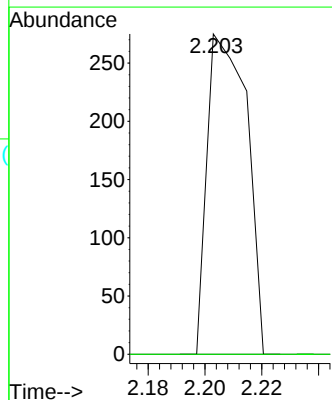
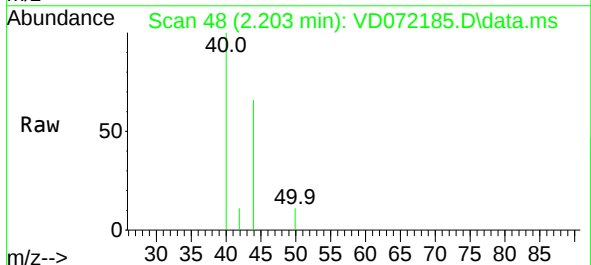
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

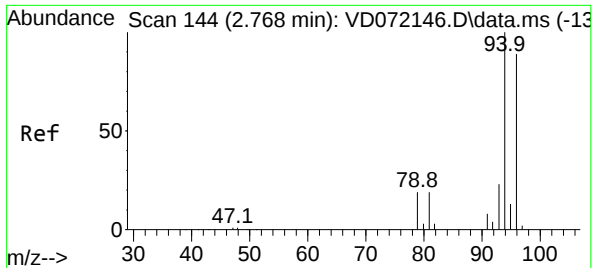
Tgt Ion:168 Resp: 6656
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#3
Chloromethane
Concen: 4.881 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

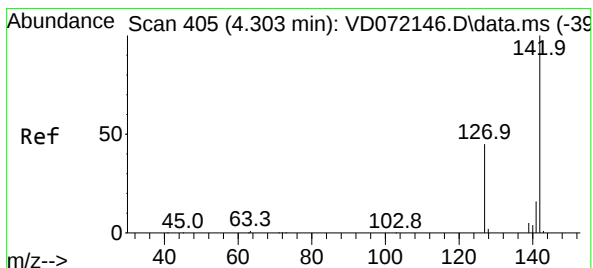
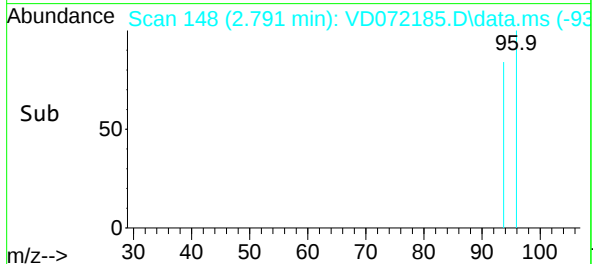
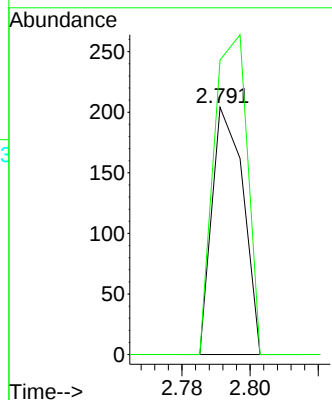
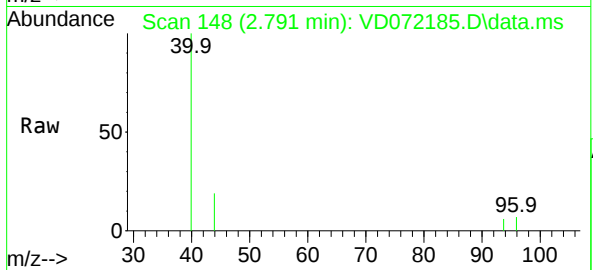




#5
Bromomethane
Concen: 3.752 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.024 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

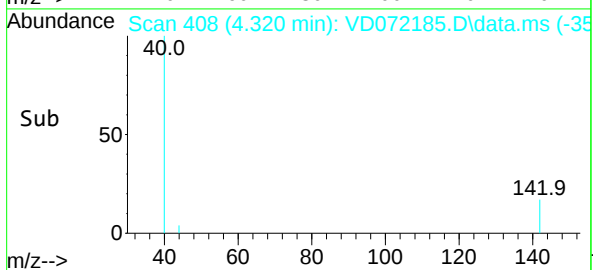
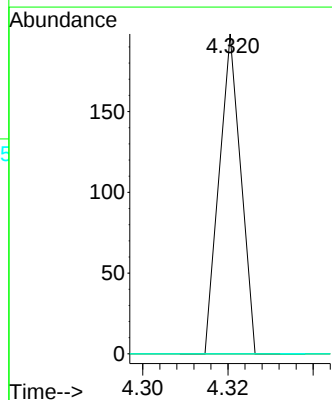
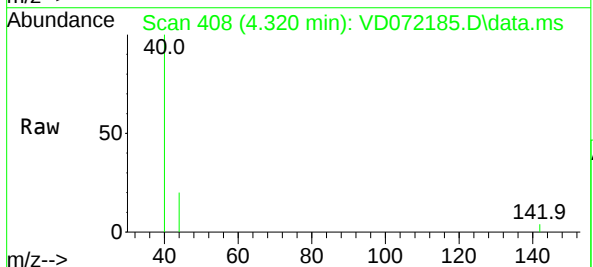
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

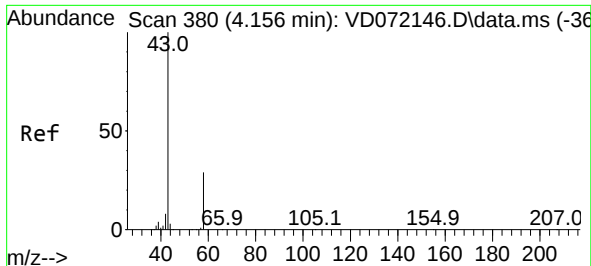
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 119.1 77.6 116.4#



#10
Methyl Iodide
Concen: 3.209 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 142 Resp: 70
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

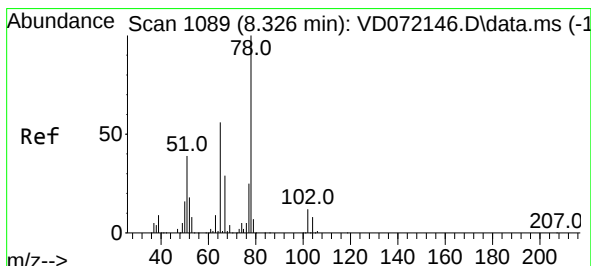
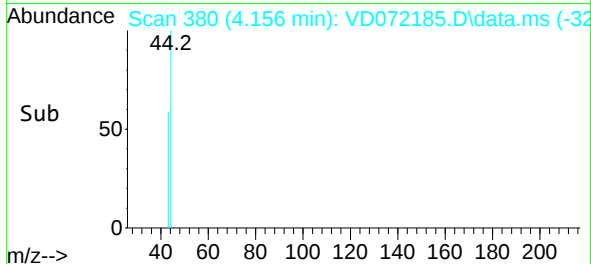
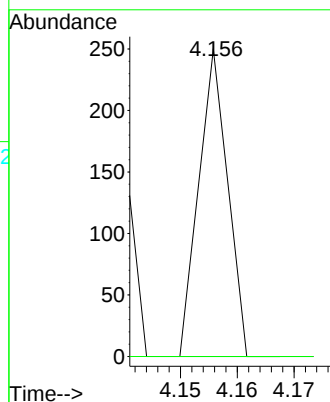
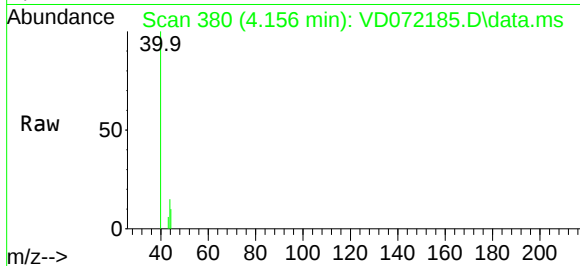




#16
Acetone
Concen: 5.464 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

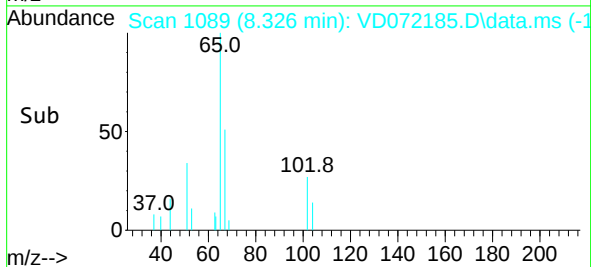
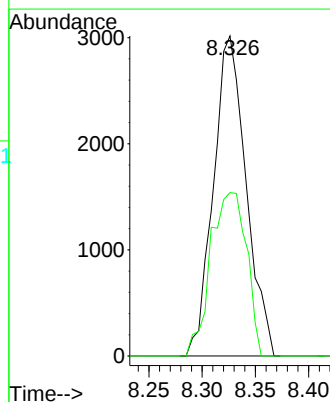
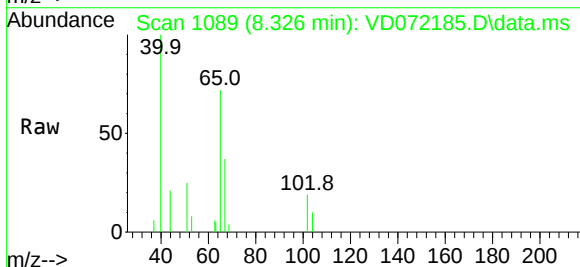
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

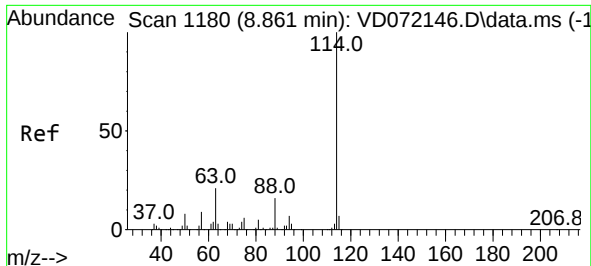
Tgt Ion: 43 Resp: 88
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 86.657 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 65 Resp: 6428
Ion Ratio Lower Upper
65 100
67 56.4 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: VD072185.D

Acq: 15 Mar 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

DUM-34RE

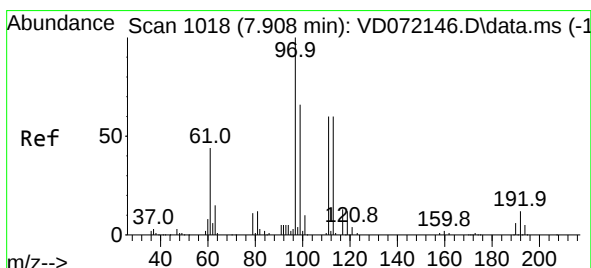
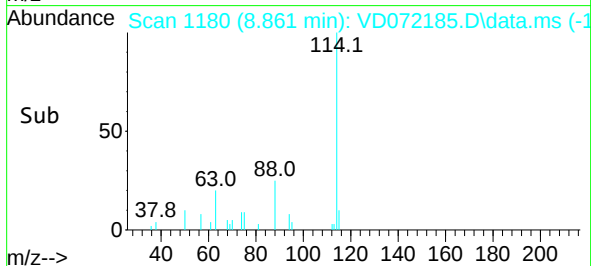
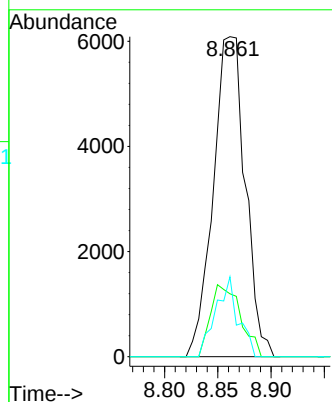
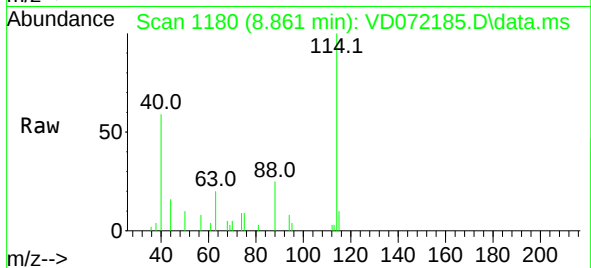
Tgt Ion:114 Resp: 12718

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 25.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.806 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.012 min

Lab File: VD072185.D

Acq: 15 Mar 2022 13:28

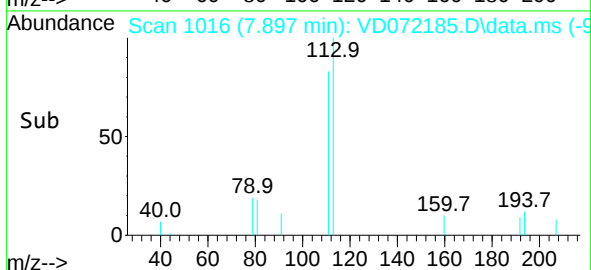
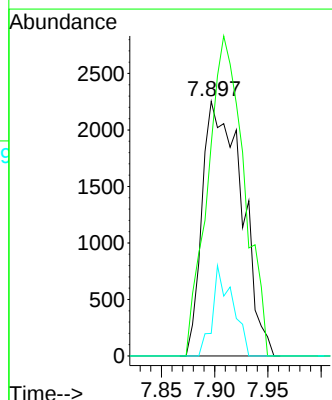
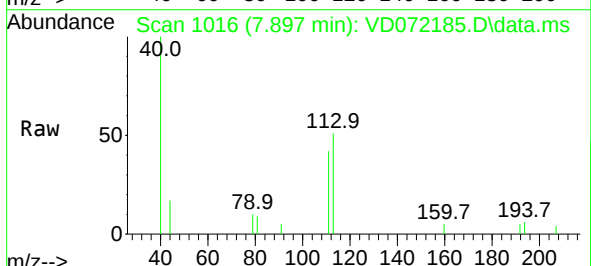
Tgt Ion:113 Resp: 5800

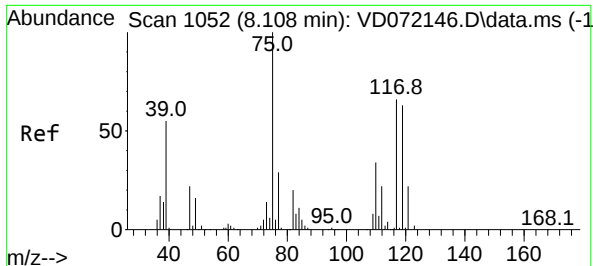
Ion Ratio Lower Upper

113 100

111 115.7 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.967 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD072185.D

Acq: 15 Mar 2022 13:28

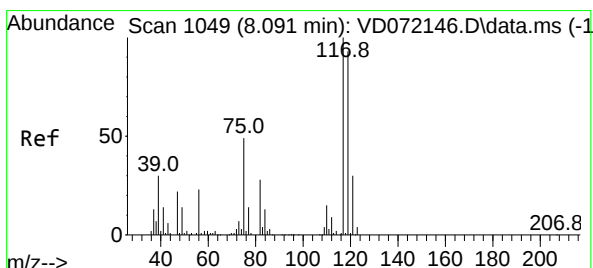
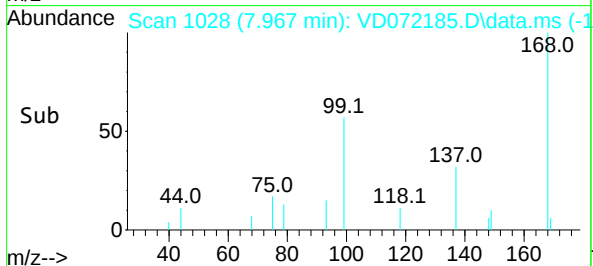
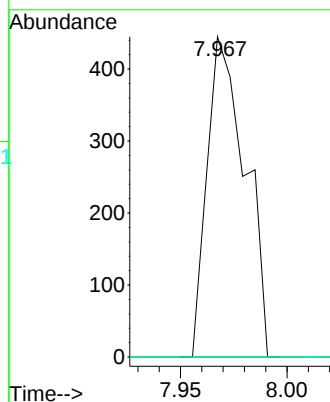
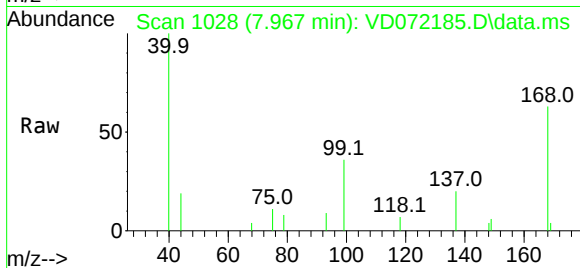
Instrument :

MSVOA_D

ClientSampleId :

DUM-34RE

Tgt Ion: 75	Resp:	555
Ion Ratio	Lower	Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 2.866 ug/l

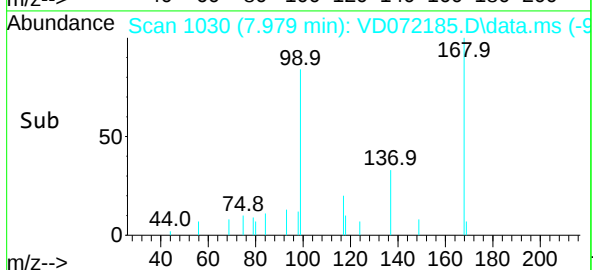
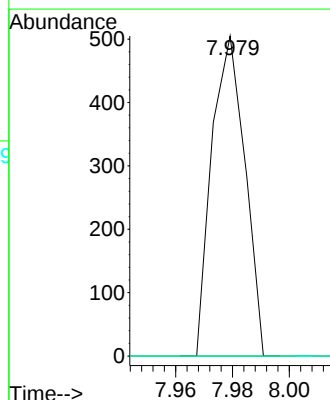
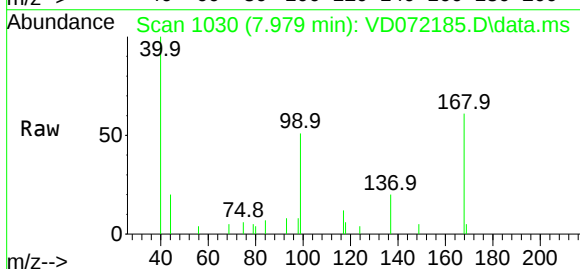
RT: 7.979 min Scan# 1030

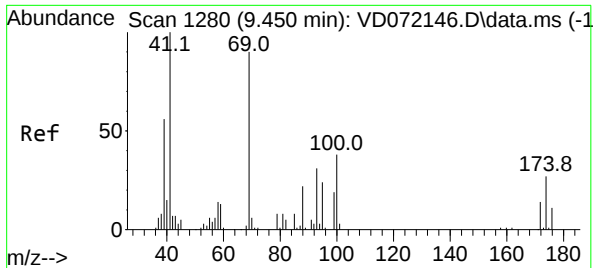
Delta R.T. -0.112 min

Lab File: VD072185.D

Acq: 15 Mar 2022 13:28

Tgt Ion: 117	Resp:	409
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#

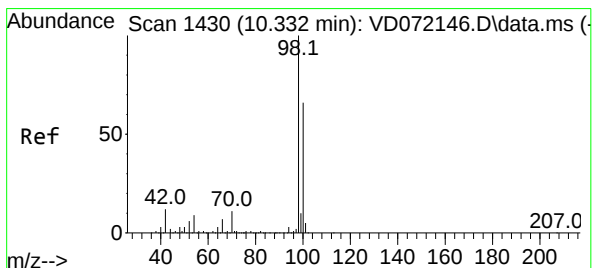
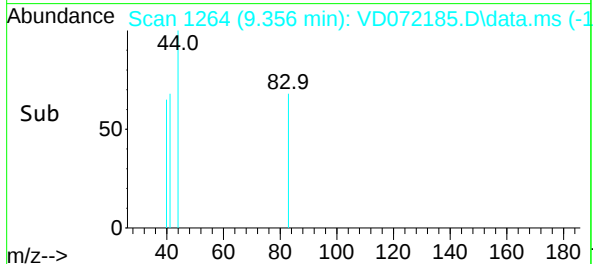
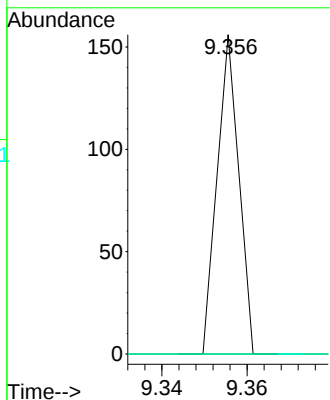
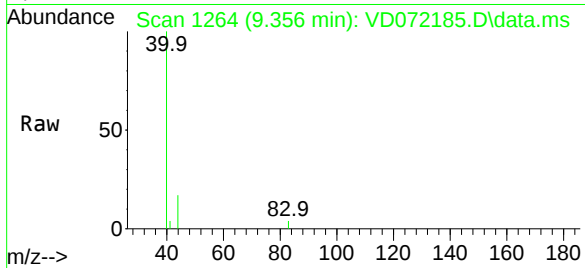




#48
Methyl methacrylate
Concen: 1.079 ug/l
RT: 9.356 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

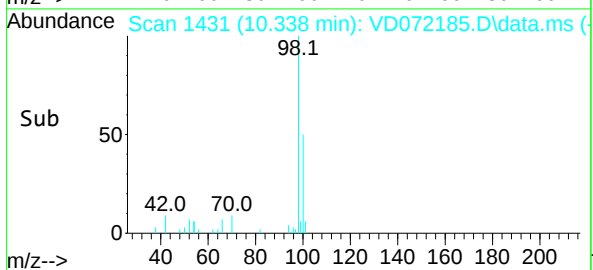
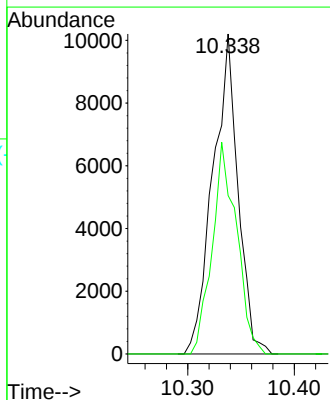
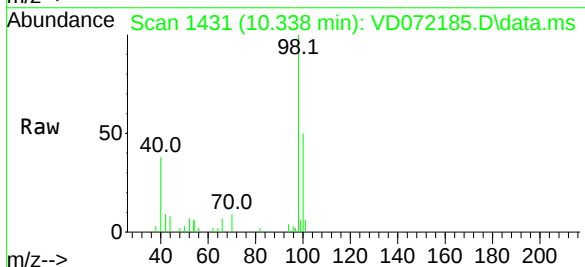
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

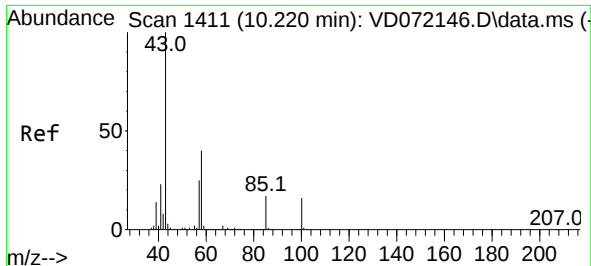
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#



#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 98 Resp: 16714
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

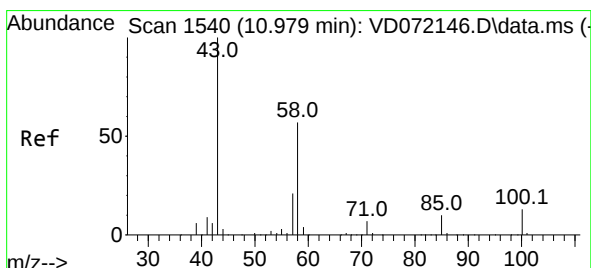
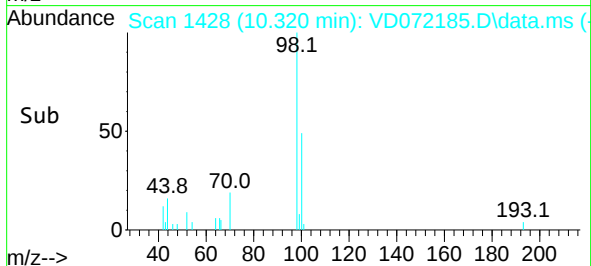
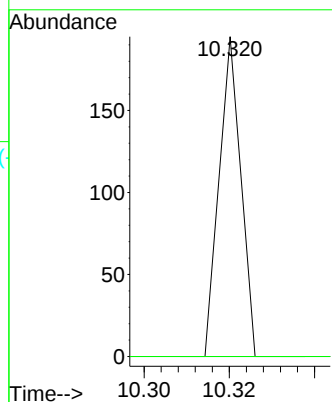
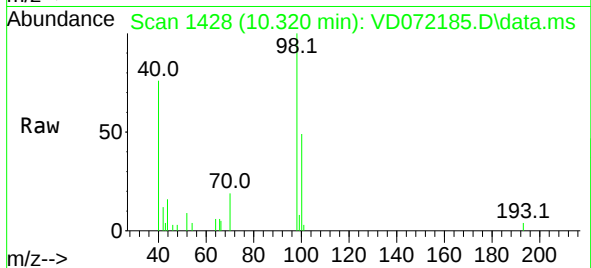




#51
4-Methyl-2-Pentanone
Concen: 1.231 ug/l
RT: 10.320 min Scan# 1411
Delta R.T. 0.100 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

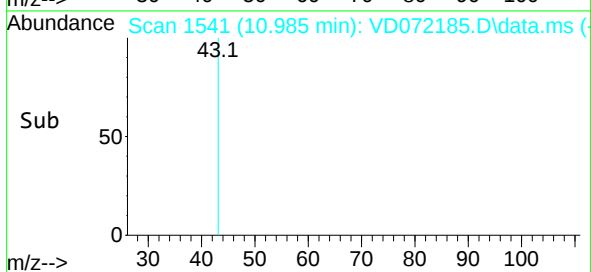
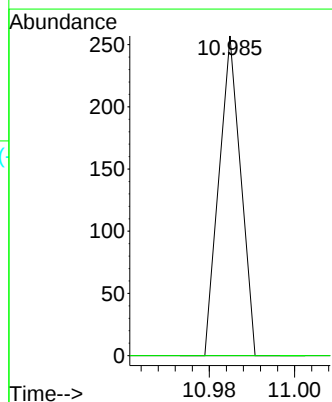
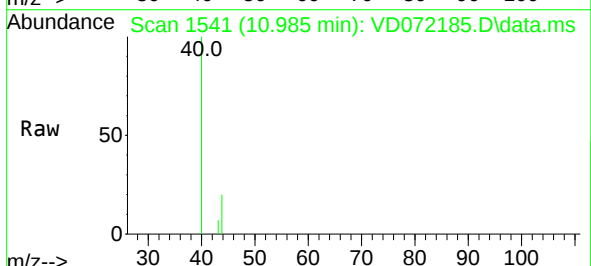
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

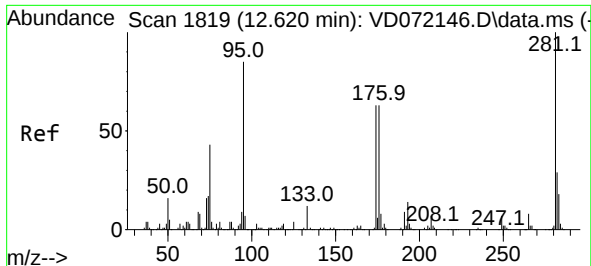
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#59
2-Hexanone
Concen: 2.350 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

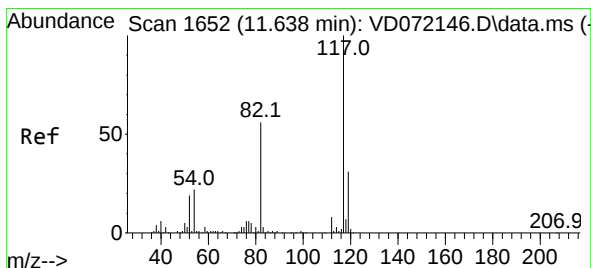
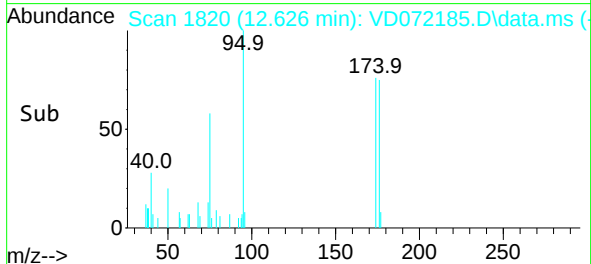
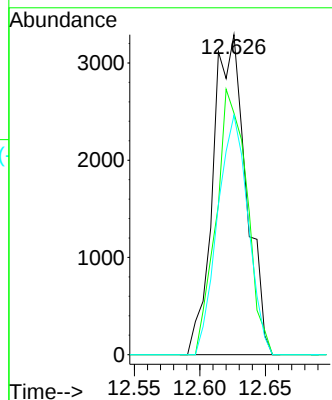
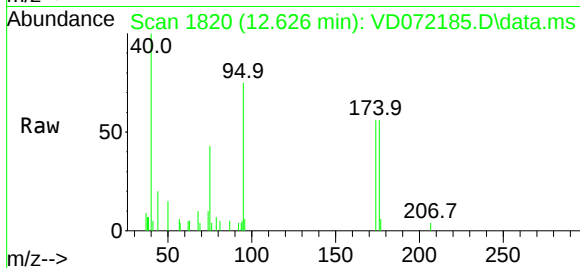




#62
4-Bromofluorobenzene
Concen: 45.378 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

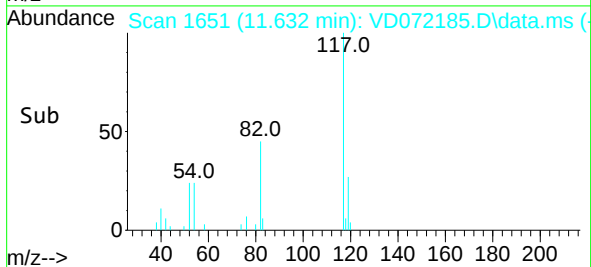
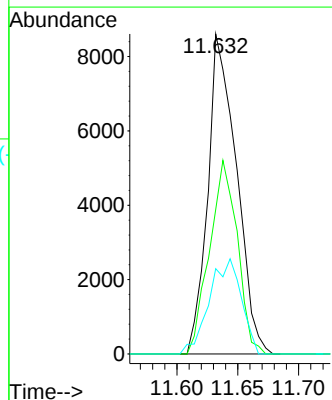
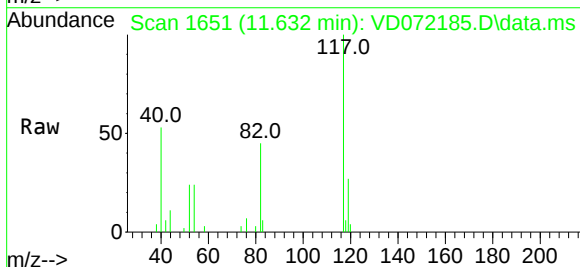
Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

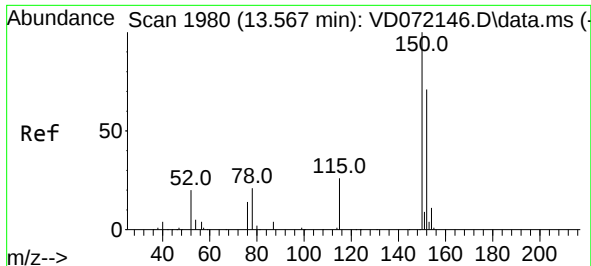
Tgt Ion: 95 Resp: 5770
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 69.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 117 Resp: 14090
Ion Ratio Lower Upper
117 100
82 45.2 45.3 67.9#
119 26.7 26.6 40.0

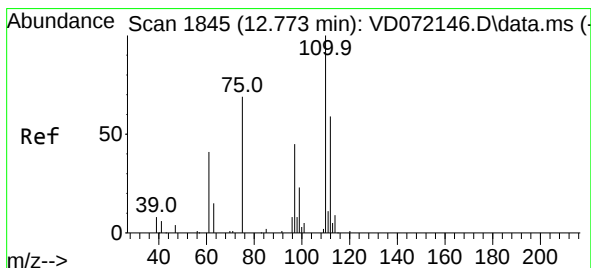
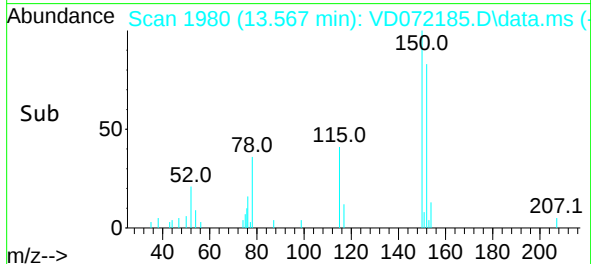
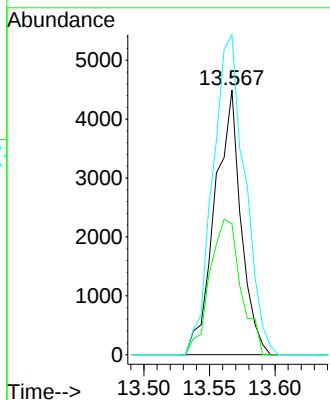
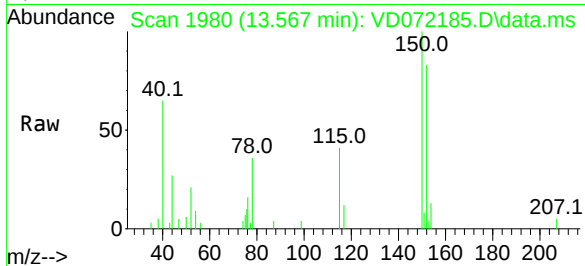




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072185.D
 Acq: 15 Mar 2022 13:28

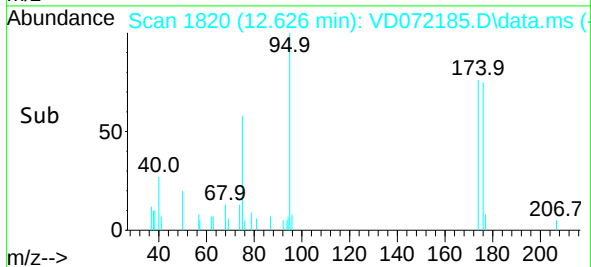
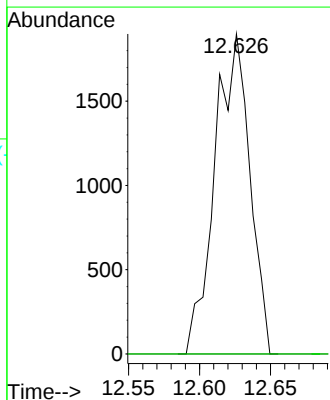
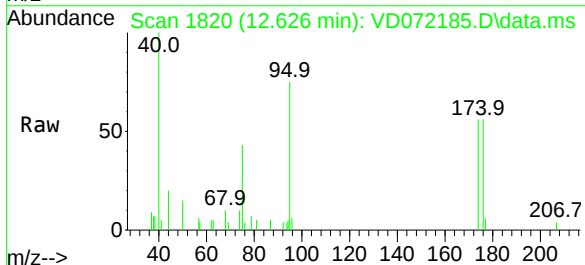
Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-34RE

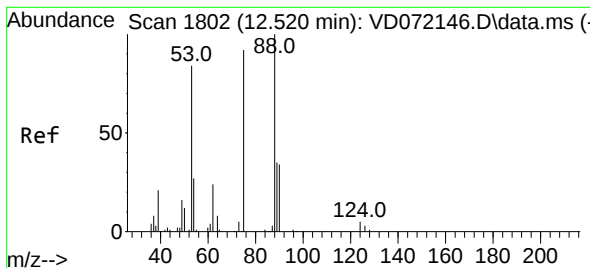
Tgt Ion:152 Resp: 6243
 Ion Ratio Lower Upper
 152 100
 115 60.9 31.3 93.8
 150 148.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.121 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072185.D
 Acq: 15 Mar 2022 13:28

Tgt Ion: 75 Resp: 3245
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

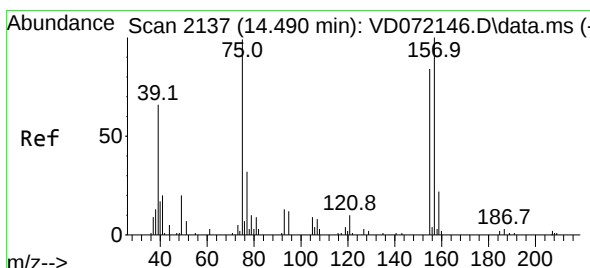
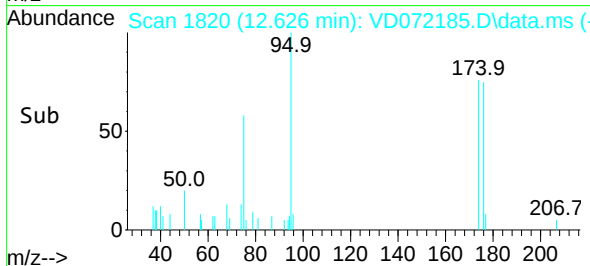
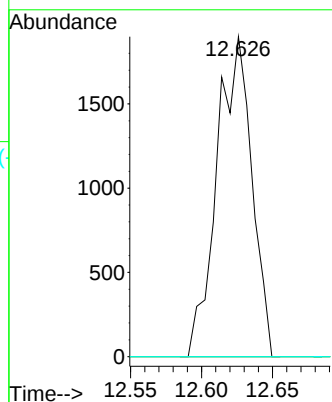
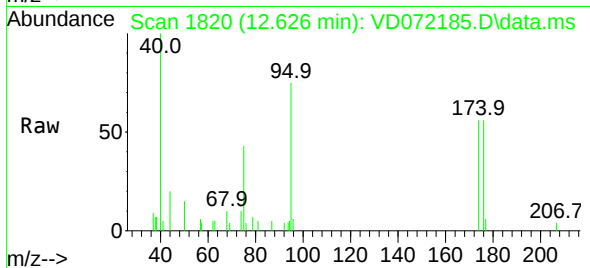




#81
trans-1,4-Dichloro-2-butene
Concen: 116.911 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
DUM-34RE

Tgt Ion: 75 Resp: 3245
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.374 ug/l
RT: 14.620 min Scan# 2159
Delta R.T. 0.129 min
Lab File: VD072185.D
Acq: 15 Mar 2022 13:28

Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 0.0 48.4 145.0#

