

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072168.D
 Acq On : 14 Mar 2022 15:33
 Operator : VA/SY
 Sample : N1851-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-37

Quant Time: Mar 15 01:24:00 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)

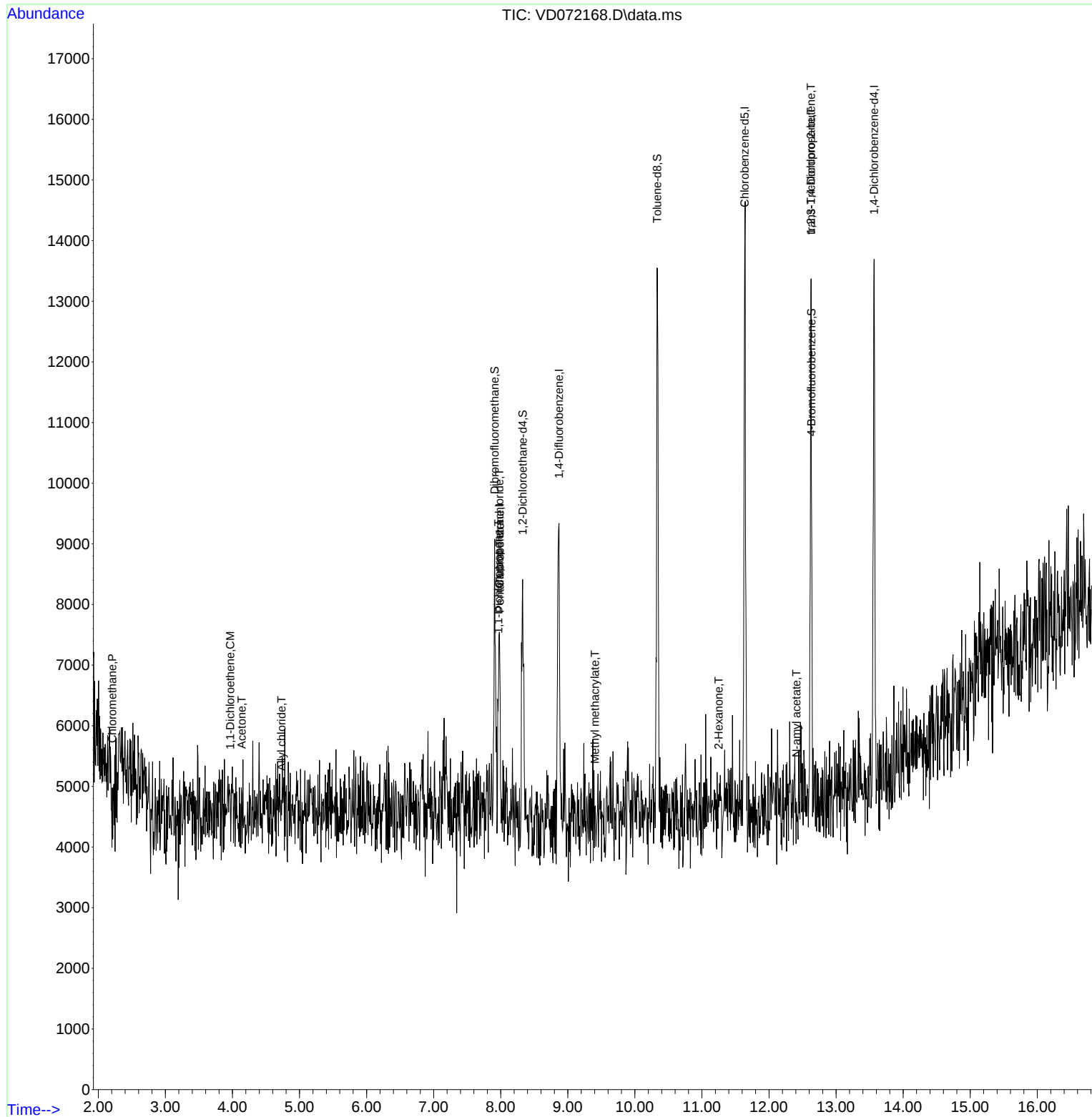
Internal Standards						
1) Pentafluorobenzene	7.985	168	3332	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.867	114	5783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3175	85.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.000%#	
35) Dibromofluoromethane	7.908	113	2218	54.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.000%	
50) Toluene-d8	10.332	98	7114	47.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	12.632	95	2734	47.286	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.580%	
Target Compounds						Qvalue
3) Chloromethane	2.209	50	150	5.477	ug/l #	40
12) 1,1-Dichloroethene	3.968	96	65	2.123	ug/l #	1
14) Allyl chloride	4.732	41	63	1.177	ug/l #	22
16) Acetone	4.138	43	646	80.125	ug/l #	47
36) 1,1-Dichloropropene	7.967	75	161	2.820	ug/l #	43
38) Carbon Tetrachloride	7.979	117	249	3.837	ug/l #	13
48) Methyl methacrylate	9.403	41	114	4.919	ug/l #	19
59) 2-Hexanone	11.249	43	56	3.180	ug/l #	27
74) N-amyl acetate	12.408	43	61	1.231	ug/l #	45
76) 1,2,3-Trichloropropane	12.626	75	1439	44.844	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	1439	111.263	ug/l #	7

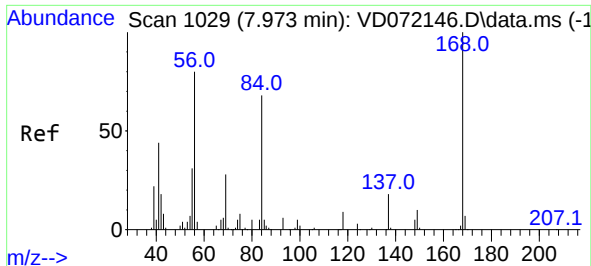
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

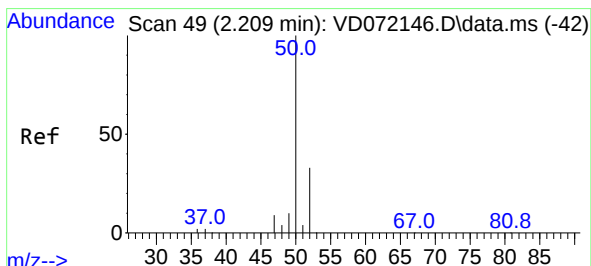
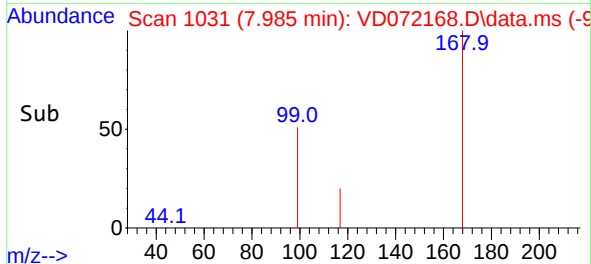
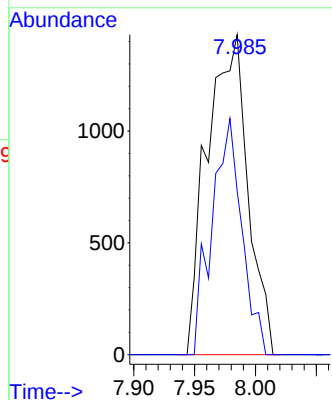
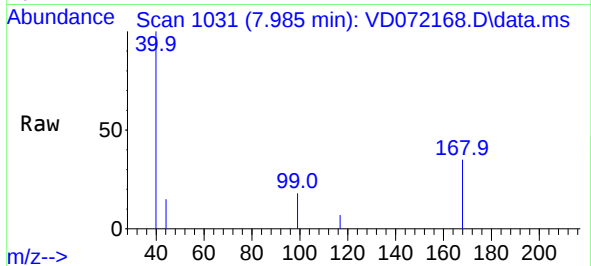




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

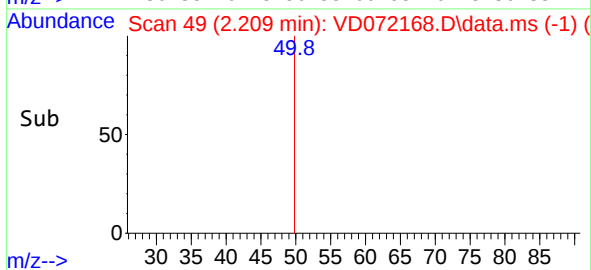
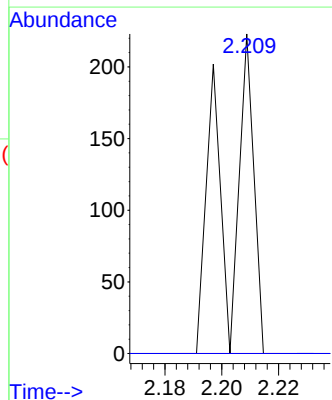
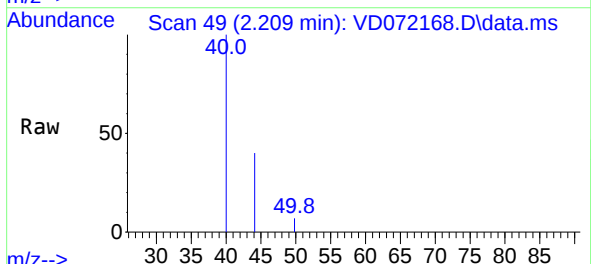
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

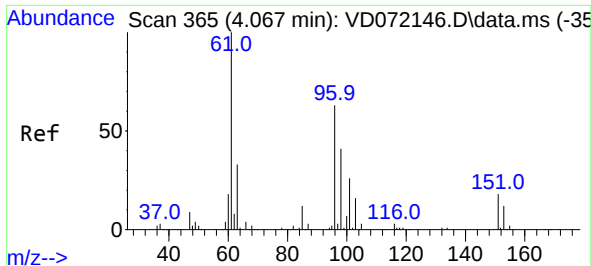
Tgt Ion:168 Resp: 3332
Ion Ratio Lower Upper
168 100
99 51.1 49.8 74.6



#3
Chloromethane
Concen: 5.477 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 50 Resp: 150
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#





#12

1,1-Dichloroethene

Concen: 2.123 ug/l

RT: 3.968 min Scan# 34

Delta R.T. -0.100 min

Lab File: VD072168.D

Acq: 14 Mar 2022 15:33

Instrument :

MSVOA_D

ClientSampleId :

DUM-37

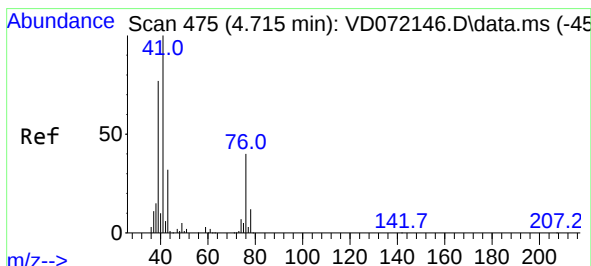
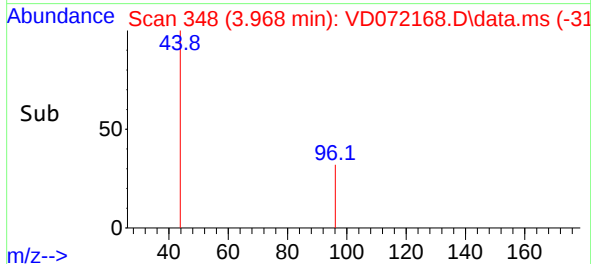
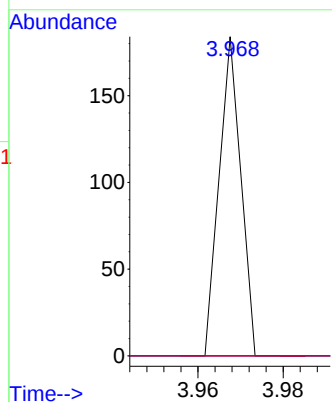
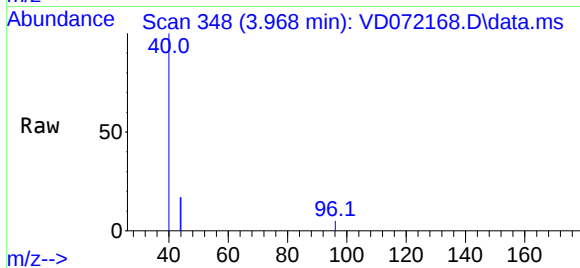
Tgt Ion: 96 Resp: 65

Ion Ratio Lower Upper

96 100

61 0.0 138.5 207.7#

98 0.0 48.6 73.0#



#14

Allyl chloride

Concen: 1.177 ug/l

RT: 4.732 min Scan# 478

Delta R.T. 0.018 min

Lab File: VD072168.D

Acq: 14 Mar 2022 15:33

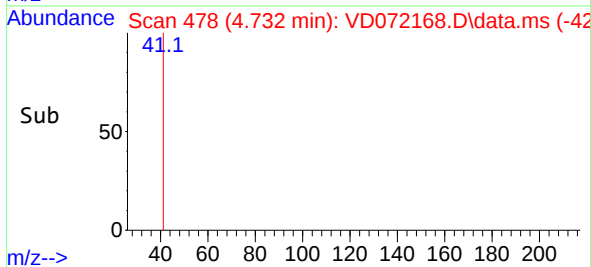
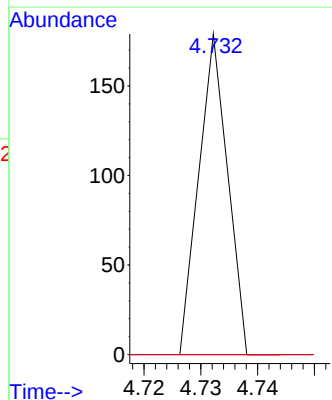
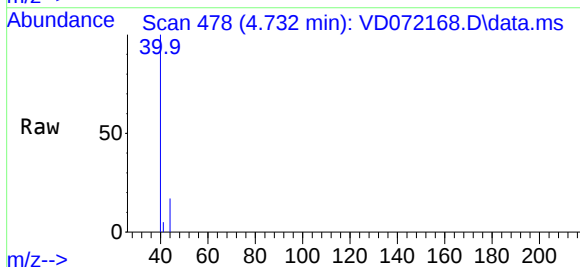
Tgt Ion: 41 Resp: 63

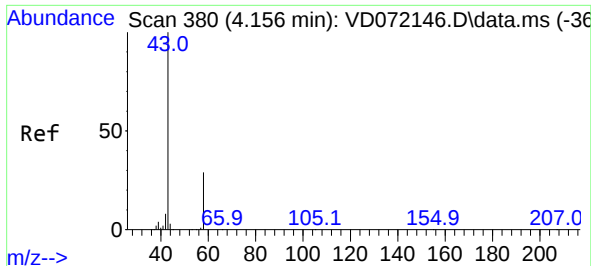
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

76 0.0 25.7 38.5#

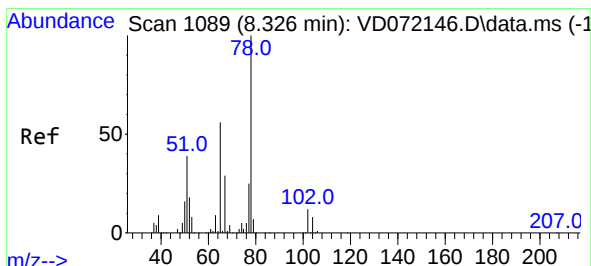
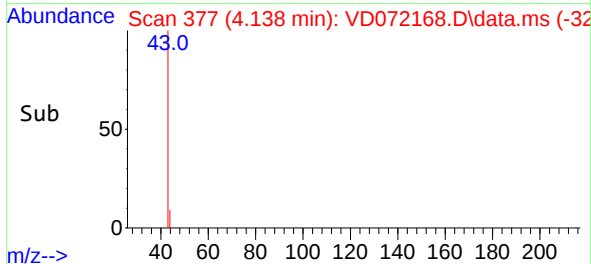
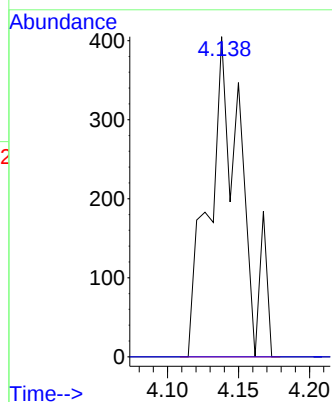
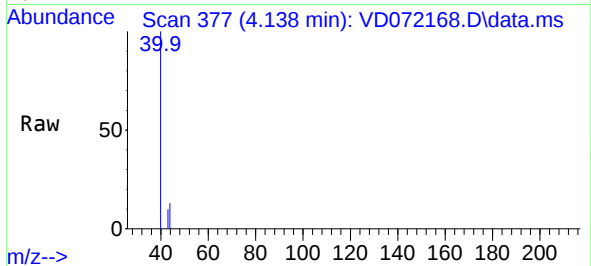




#16
Acetone
Concen: 80.125 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

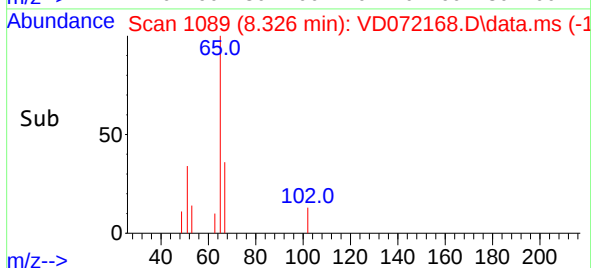
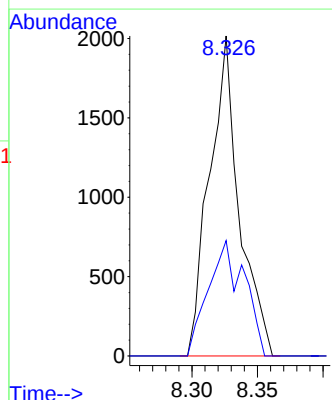
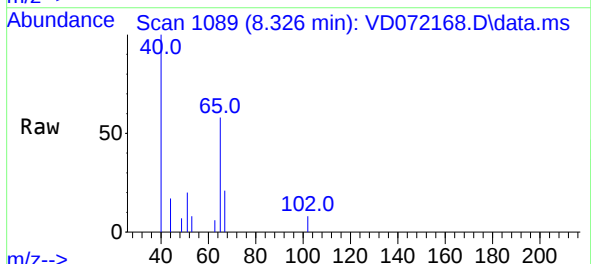
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

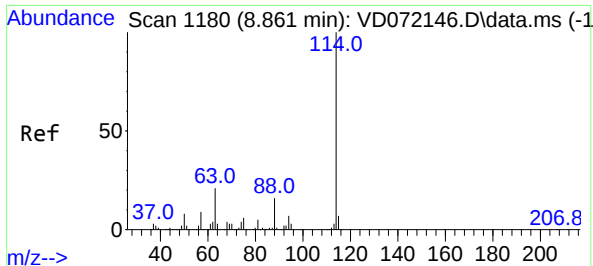
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 85.503 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 65 Resp: 3175
Ion Ratio Lower Upper
65 100
67 43.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072168.D

Acq: 14 Mar 2022 15:33

Instrument :

MSVOA_D

ClientSampleId :

DUM-37

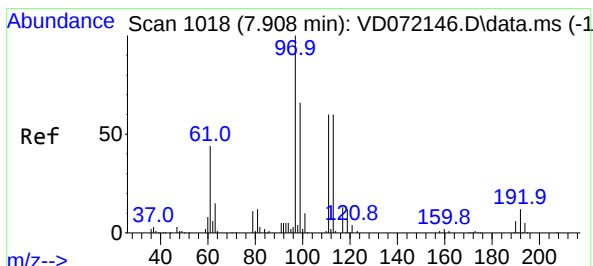
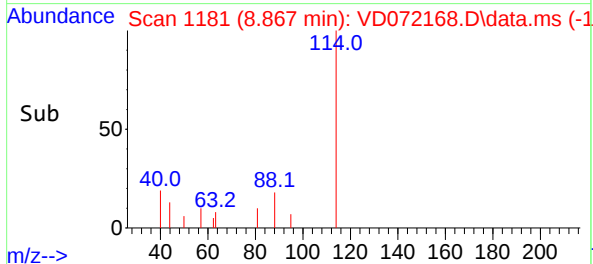
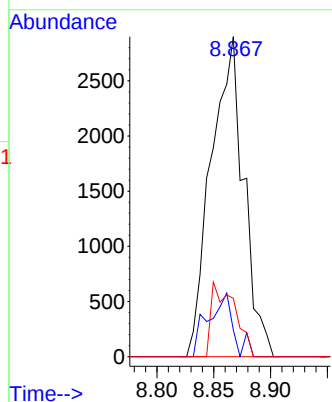
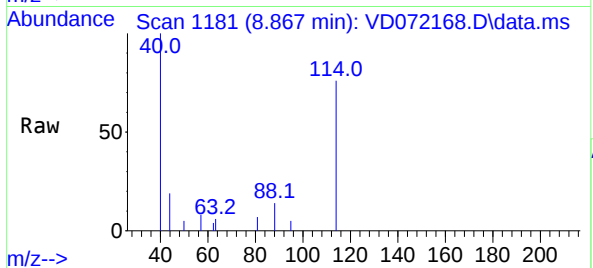
Tgt Ion:114 Resp: 5783

Ion Ratio Lower Upper

114 100

63 8.3 0.0 46.6

88 18.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.502 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072168.D

Acq: 14 Mar 2022 15:33

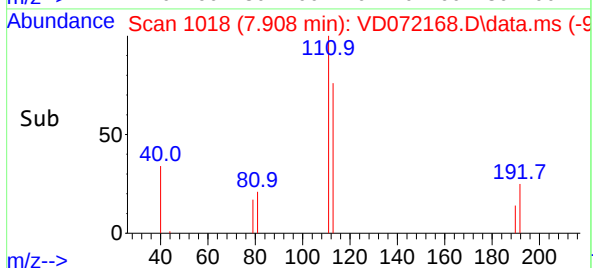
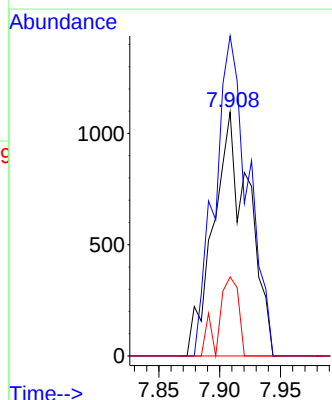
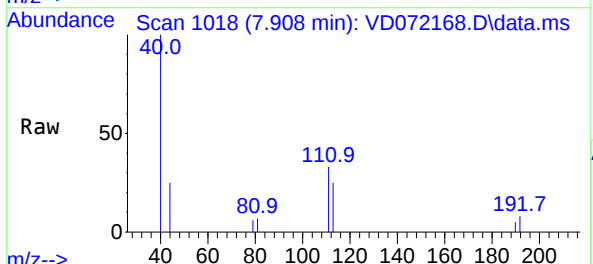
Tgt Ion:113 Resp: 2218

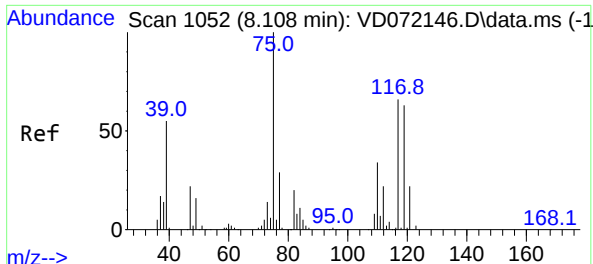
Ion Ratio Lower Upper

113 100

111 123.4 83.8 125.6

192 18.2 14.6 21.8

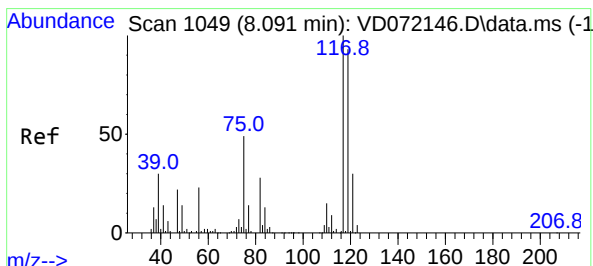
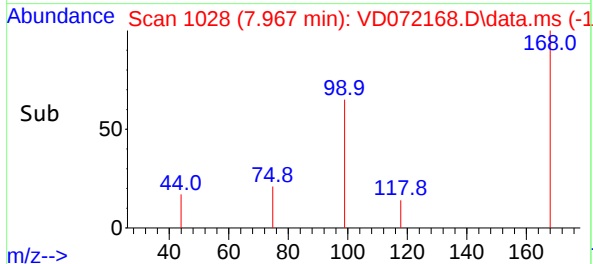
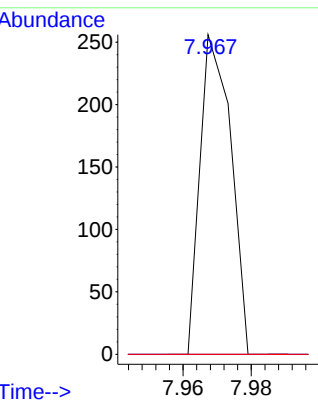
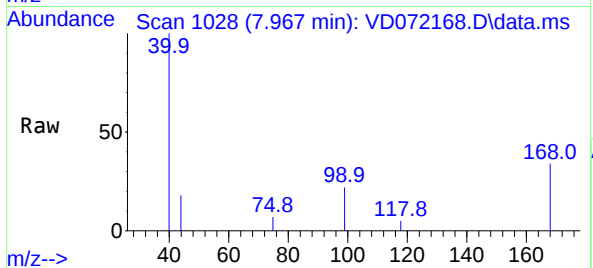




#36
1,1-Dichloropropene
Concen: 2.820 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

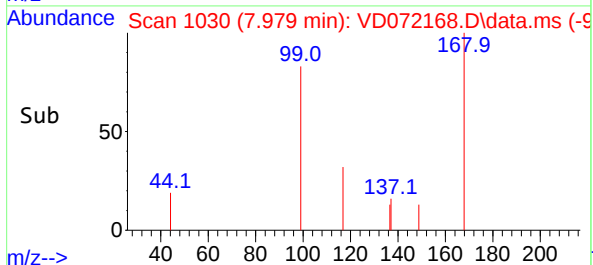
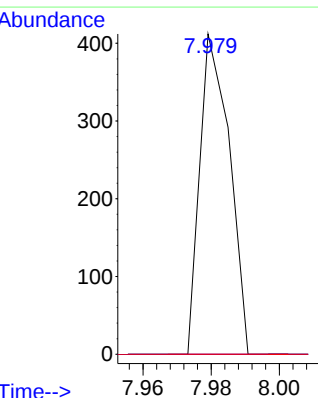
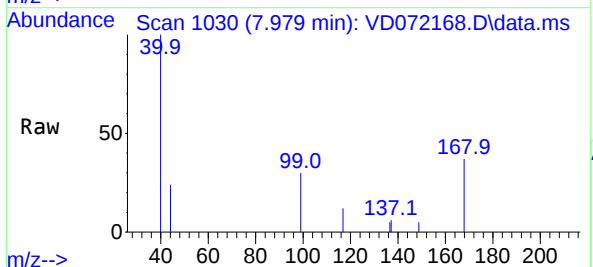
Instrument :
MSVOA_D
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DUM-37

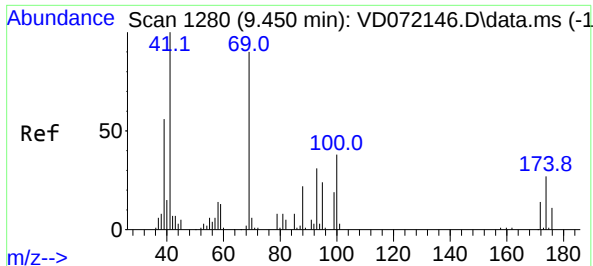
Tgt Ion: 75	Resp:	161
Ion Ratio	Lower	Upper
75	100	
110	0.0	16.4 49.1#
77	0.0	24.2 36.2#



#38
Carbon Tetrachloride
Concen: 3.837 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 117	Resp:	249
Ion Ratio	Lower	Upper
117	100	
119	0.0	75.8 113.6#
121	0.0	24.5 36.7#

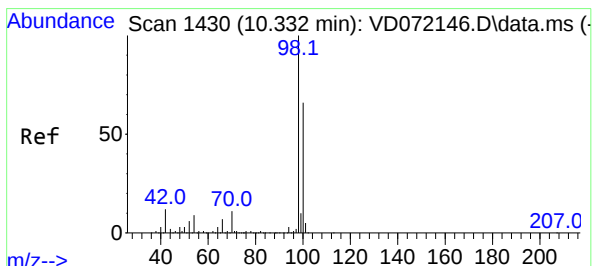
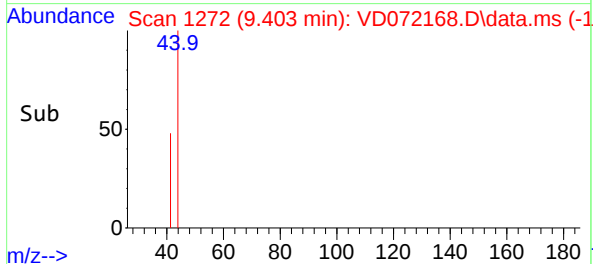
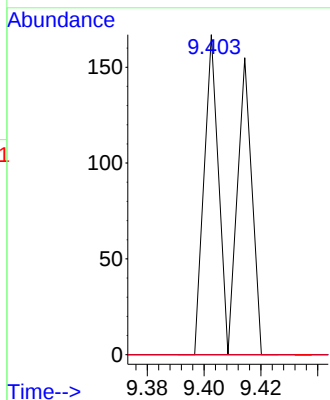
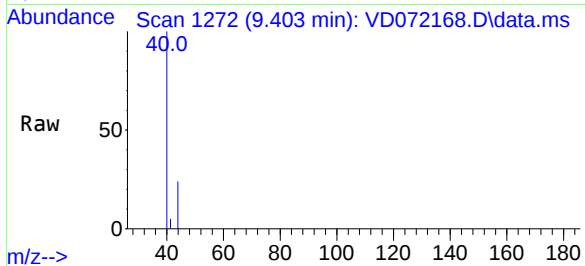




#48
Methyl methacrylate
Concen: 4.919 ug/l
RT: 9.403 min Scan# 111
Delta R.T. -0.047 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

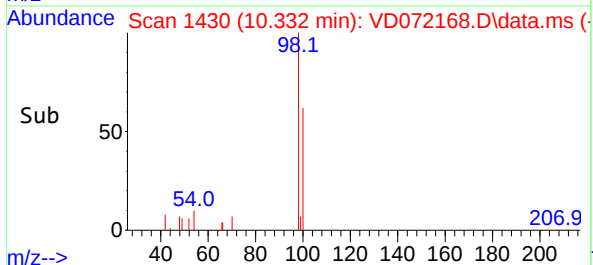
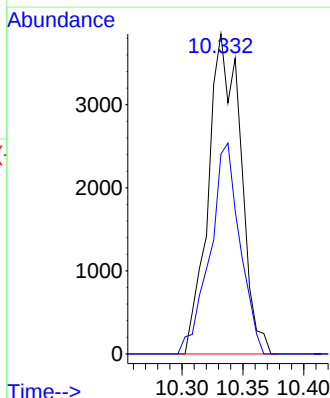
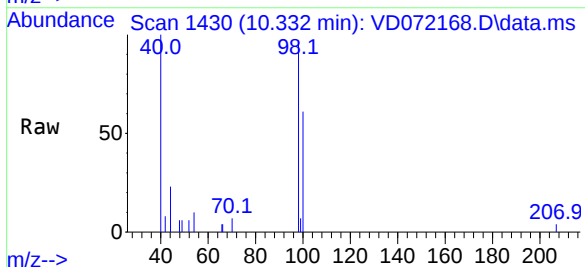
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

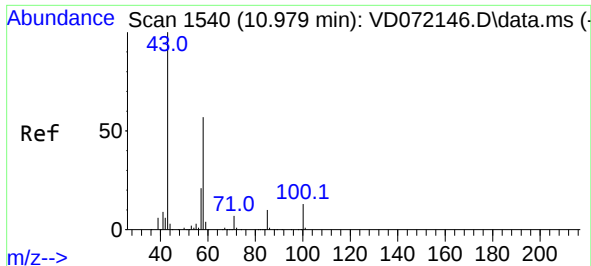
Tgt Ion: 41 Resp: 114
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#



#50
Toluene-d8
Concen: 47.808 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 98 Resp: 7114
Ion Ratio Lower Upper
98 100
100 61.0 52.4 78.6

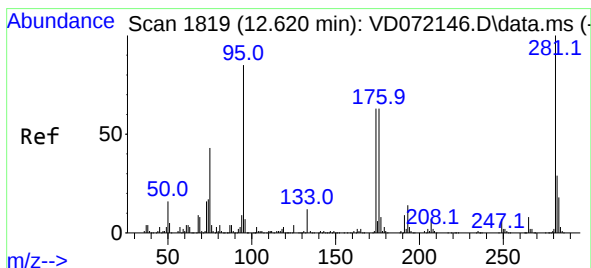
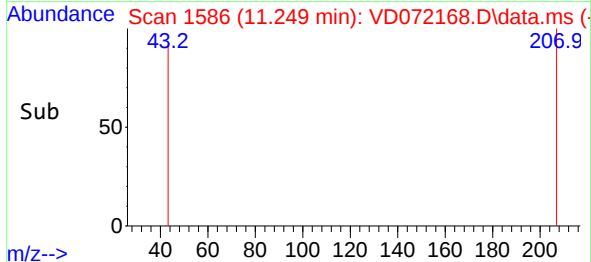
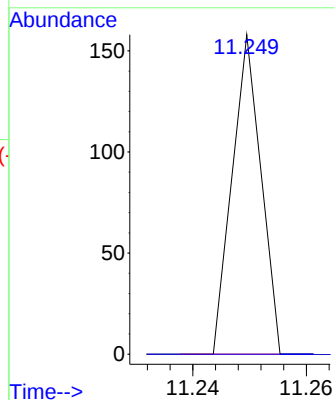
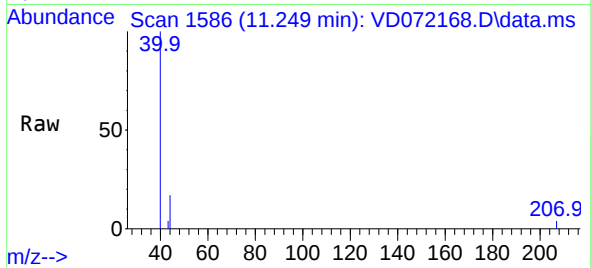




#59
2-Hexanone
Concen: 3.180 ug/l
RT: 11.249 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

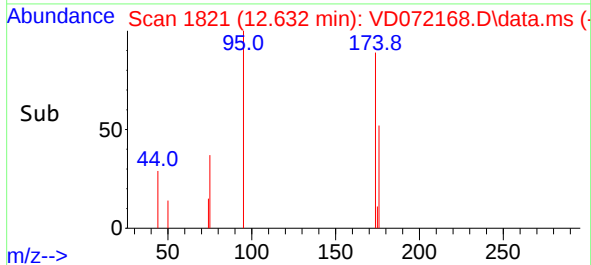
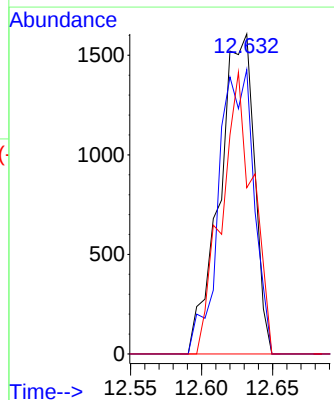
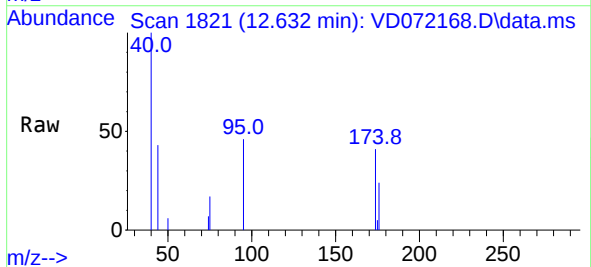
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

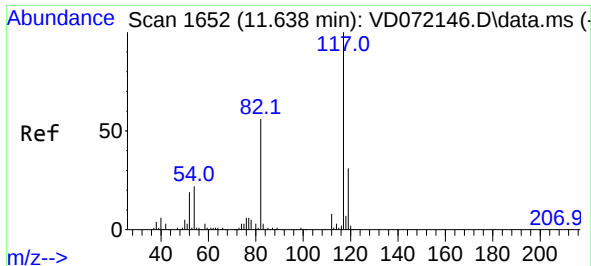
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.012 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 95 Resp: 2734
Ion Ratio Lower Upper
95 100
174 89.6 0.0 152.8
176 79.6 0.0 145.4

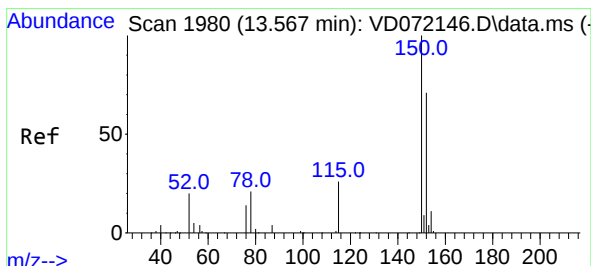
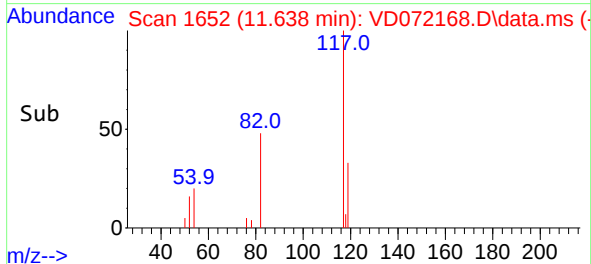
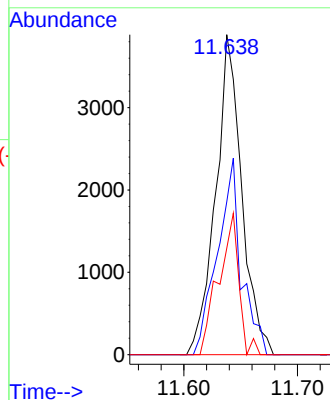
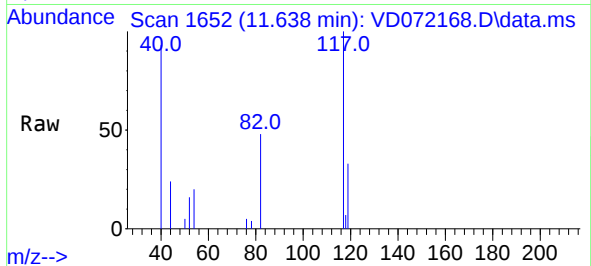




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

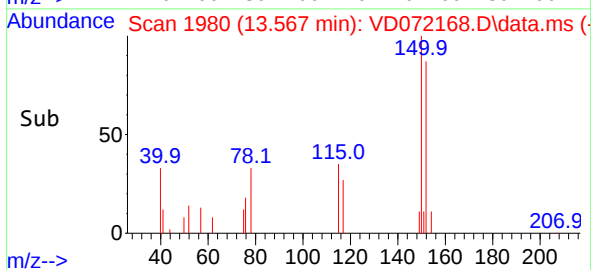
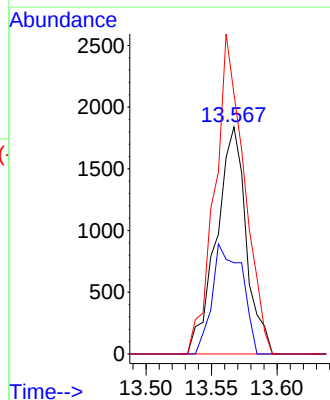
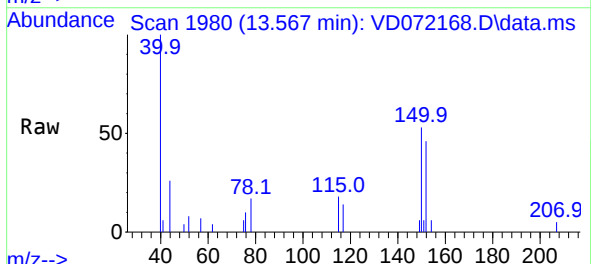
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

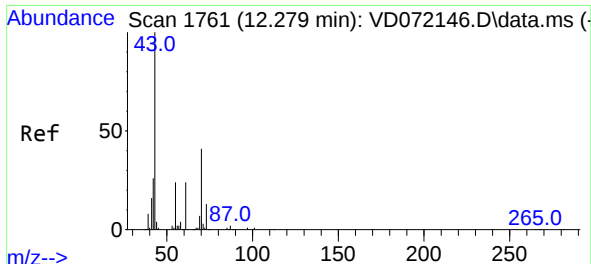
Tgt Ion:	117	Resp:	6192
Ion	Ratio	Lower	Upper
117	100		
82	47.7	45.3	67.9
119	33.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion:	152	Resp:	2909
Ion	Ratio	Lower	Upper
152	100		
115	48.2	31.3	93.8
150	138.6	0.0	348.6

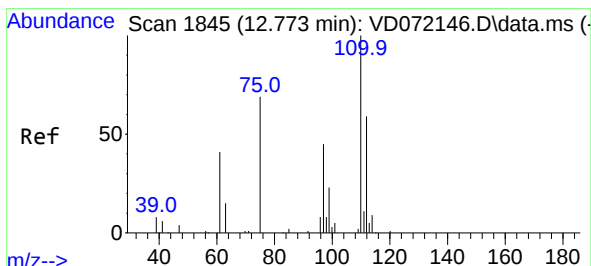
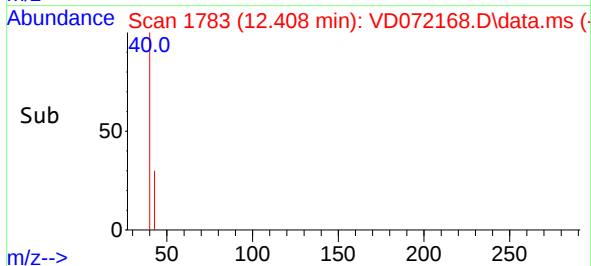
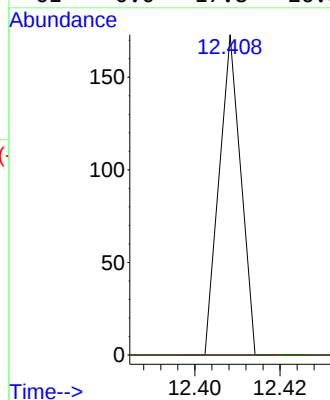
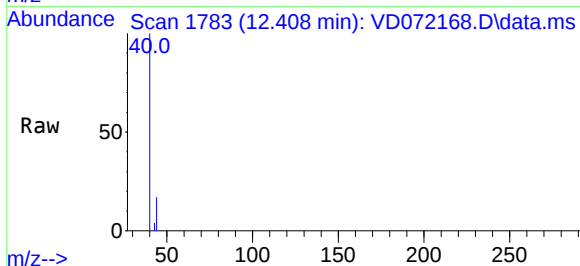




#74
N-amy1 acetate
Concen: 1.231 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.129 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

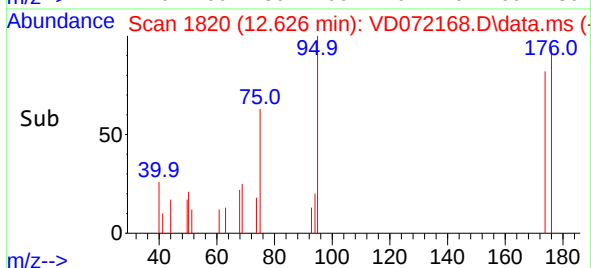
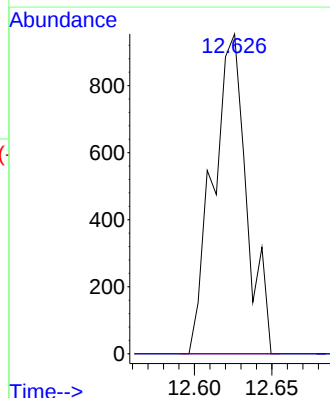
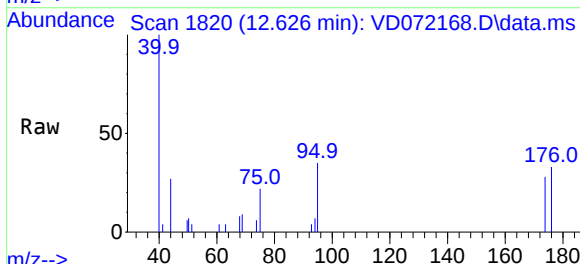
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

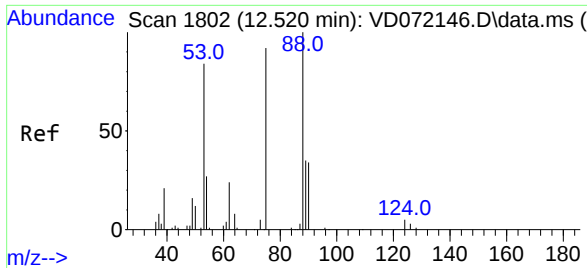
Tgt Ion: 43	Resp: 61
Ion Ratio	Lower Upper
43 100	
70 0.0	31.3 46.9#
55 0.0	20.0 30.0#
61 0.0	17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 44.844 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 75	Resp: 1439
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 111.263 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Instrument :
MSVOA_D
ClientSampleId :
DUM-37

Tgt Ion: 75 Resp: 1439
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

