

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072608.D
 Acq On : 18 Apr 2022 20:12
 Operator : VA/SY
 Sample : N2444-10
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

Quant Time: Apr 19 02:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

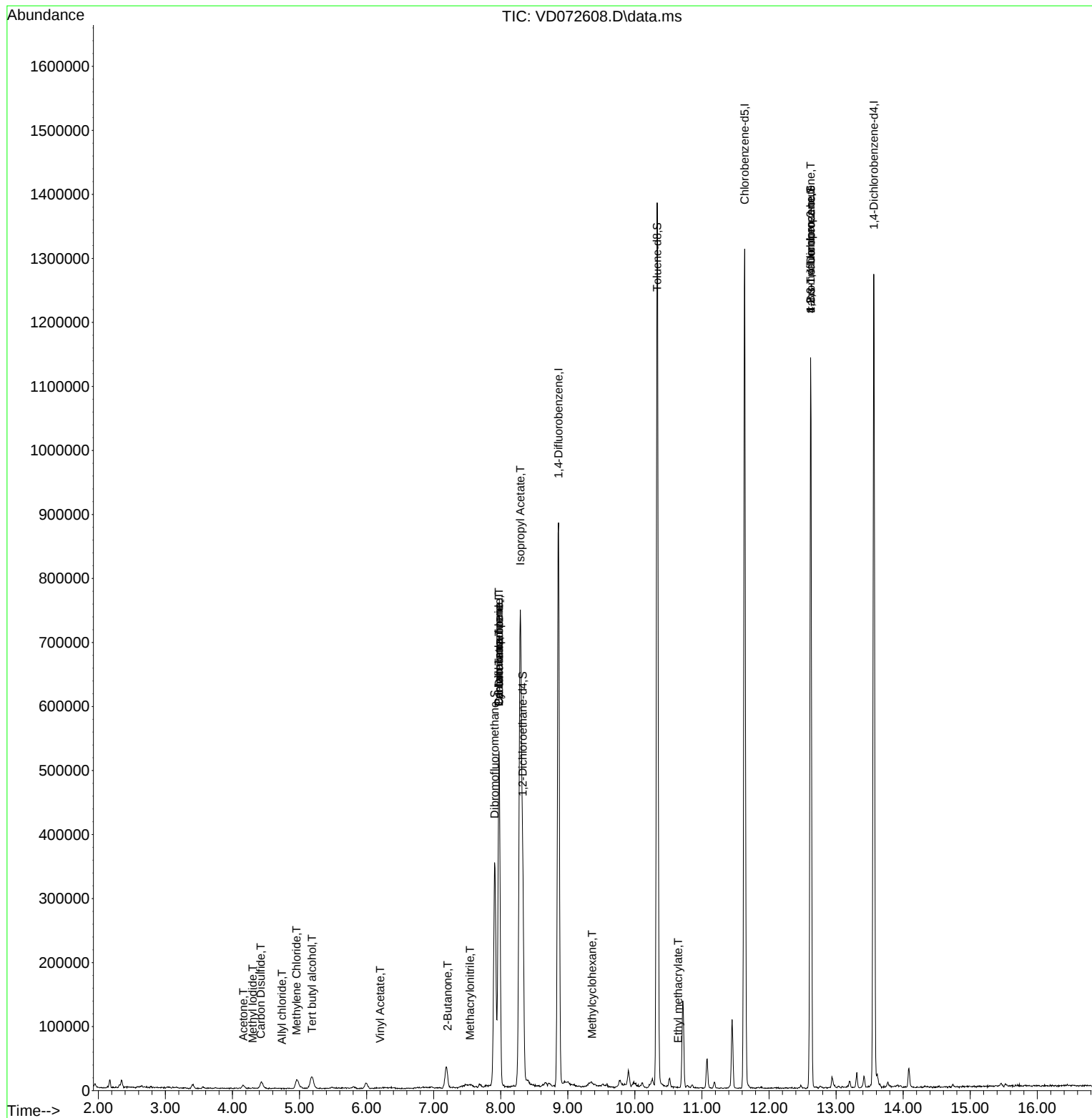
Internal Standards						
1) Pentafluorobenzene	7.973	168	384224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	784987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	764028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	341619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246196	52.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.940%			
35) Dibromofluoromethane	7.909	113	255809	41.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.860%			
50) Toluene-d8	10.332	98	950261	44.812	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.620%			
62) 4-Bromofluorobenzene	12.620	95	335615	40.525	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.040%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	564	3.858	ug/l #	74
11) Tert butyl alcohol	5.185	59	19217	78.292	ug/l #	74
14) Allyl chloride	4.738	41	59	1.136	ug/l #	22
16) Acetone	4.162	43	8905	10.275	ug/l	93
17) Carbon Disulfide	4.421	76	1539	3.817	ug/l #	74
20) Methylene Chloride	4.956	84	11125	2.156	ug/l #	74
23) Vinyl Acetate	6.203	43	56	6.296	ug/l #	75
25) 2-Butanone	7.209	43	2771	2.312	ug/l #	52
31) Cyclohexane	7.973	56	8042	1.323	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	30676	4.970	ug/l #	52
38) Carbon Tetrachloride	7.973	117	39822	4.738	ug/l #	19
39) Methylcyclohexane	9.361	83	161	2.893	ug/l #	61
41) Methacrylonitrile	7.544	41	145	1.732	ug/l #	27
43) Isopropyl Acetate	8.291	43	16905	2.726	ug/l #	3
56) Ethyl methacrylate	10.644	69	921	1.346	ug/l #	26
76) 1,2,3-Trichloropropane	12.620	75	169201	45.412	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	169201	111.432	ug/l #	7

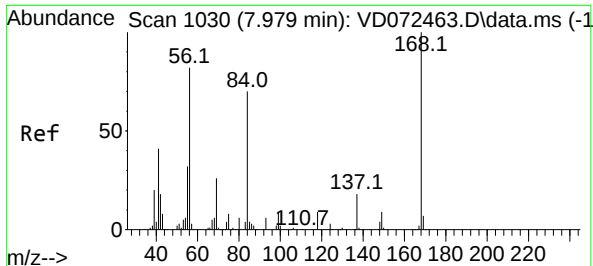
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

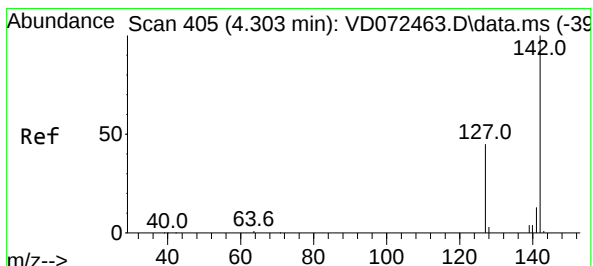
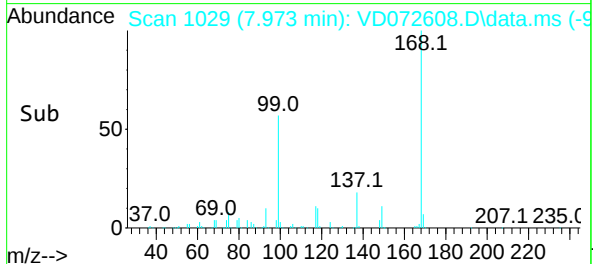
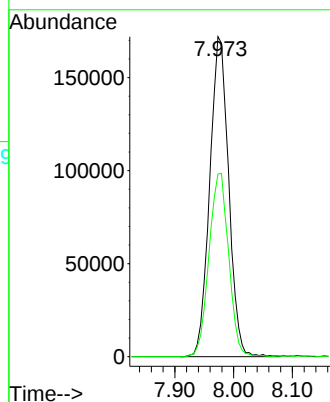
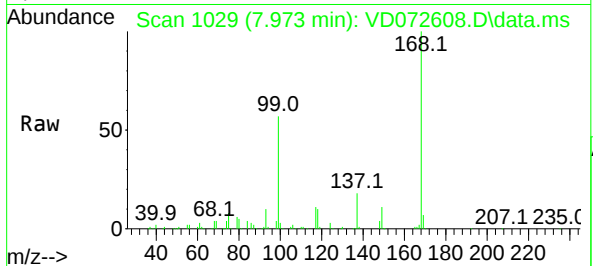




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

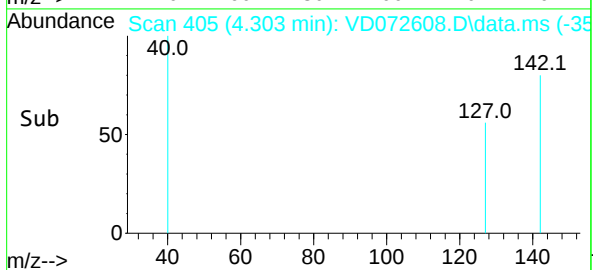
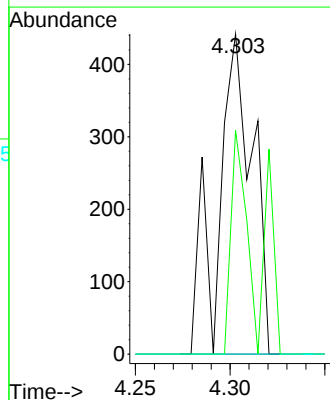
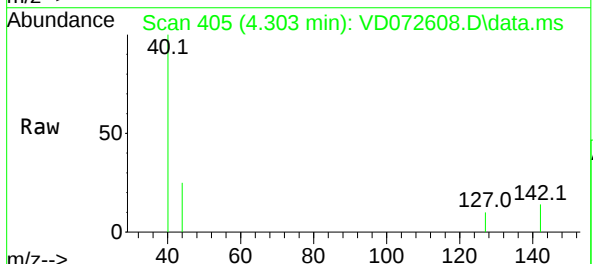
Instrument :
MSVOA_D
ClientSampleId :
SB-10

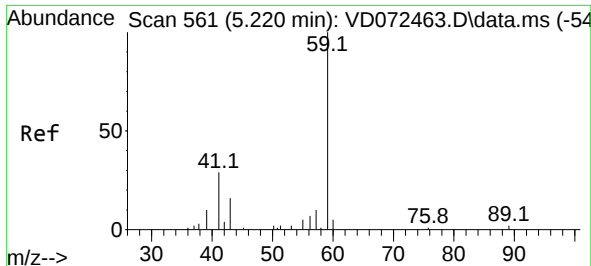
Tgt Ion:168 Resp: 384224
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#10
Methyl Iodide
Concen: 3.858 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
142 100
127 31.0 37.3 55.9#
141 0.0 11.7 17.5#

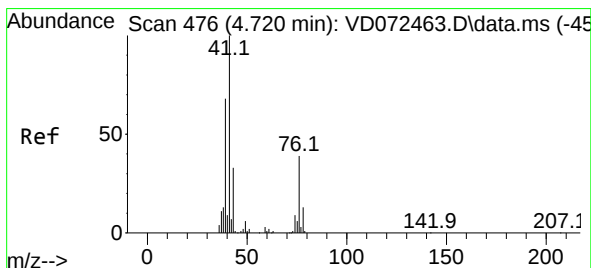
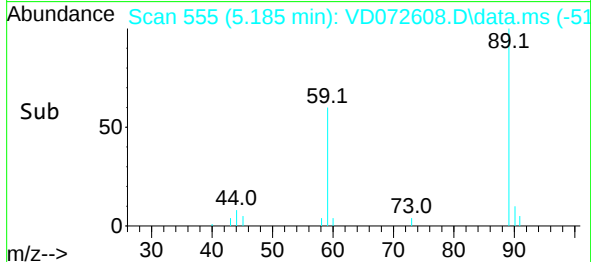
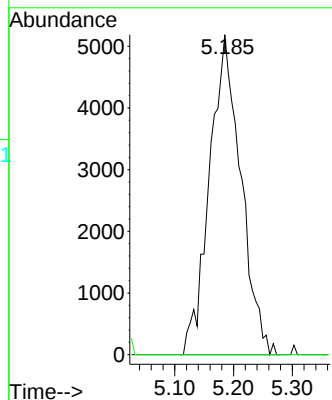
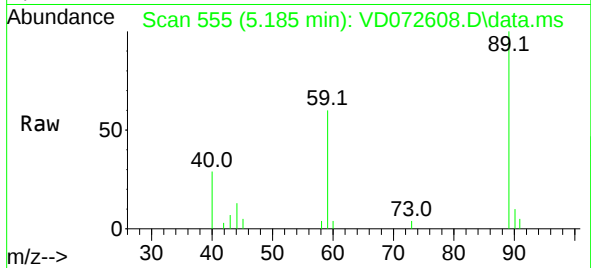




#11
Tert butyl alcohol
Concen: 78.292 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

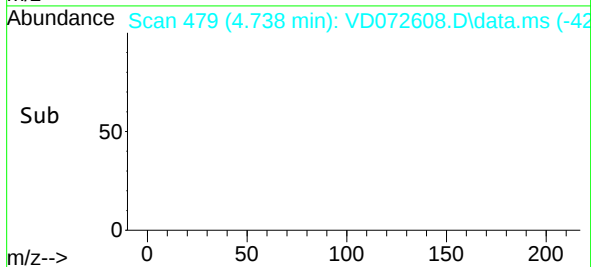
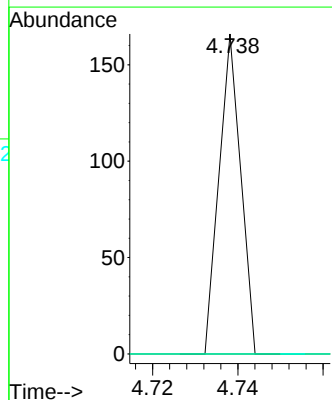
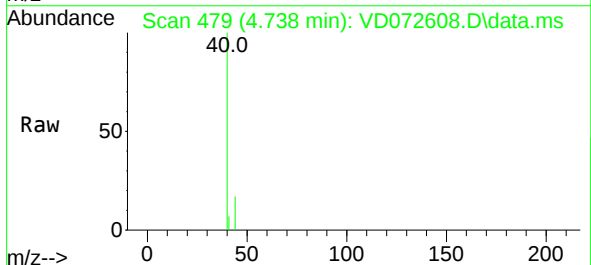
Instrument :
MSVOA_D
ClientSampleId :
SB-10

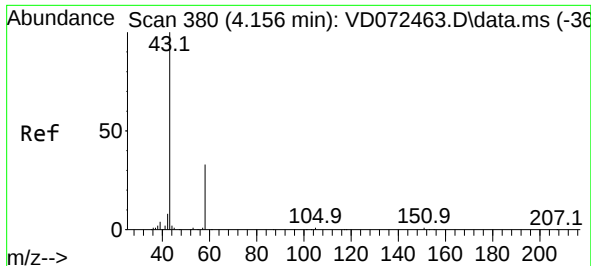
Tgt Ion: 59 Resp: 19217
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#14
Allyl chloride
Concen: 1.136 ug/l
RT: 4.738 min Scan# 479
Delta R.T. 0.018 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
39 0.0 59.3 88.9#
76 0.0 25.7 38.5#

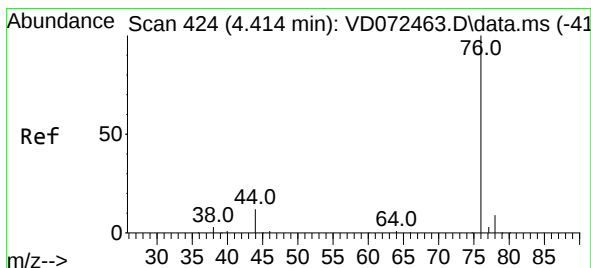
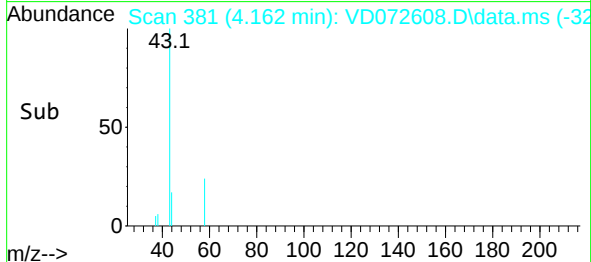
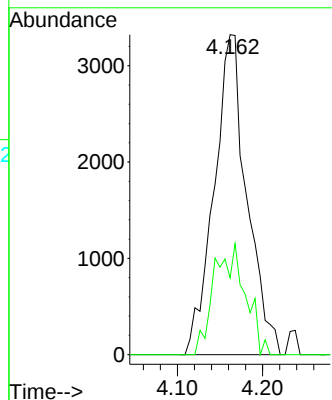
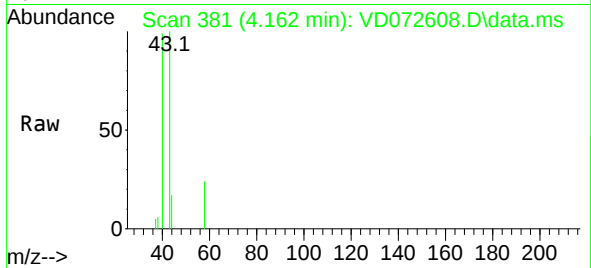




#16
Acetone
Concen: 10.275 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

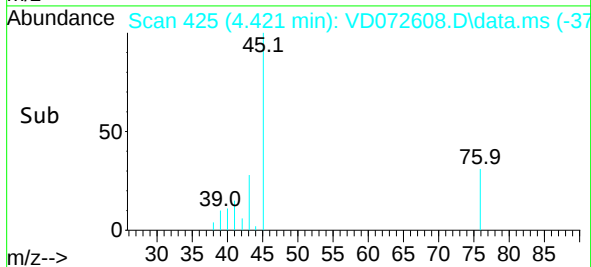
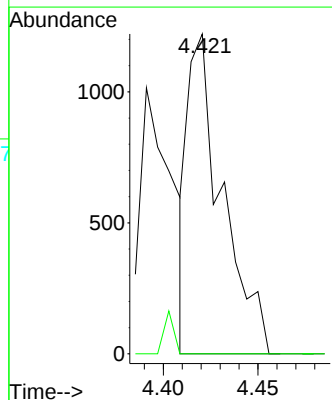
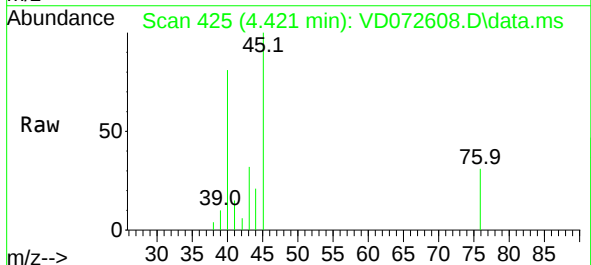
Instrument :
MSVOA_D
ClientSampleId :
SB-10

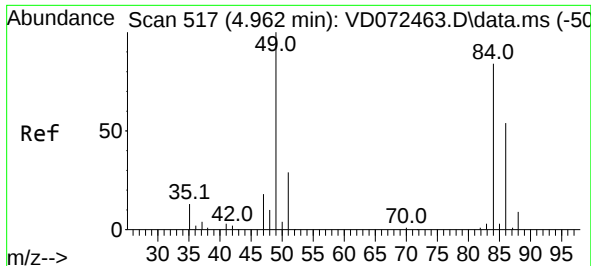
Tgt Ion: 43 Resp: 8905
Ion Ratio Lower Upper
43 100
58 24.0 22.1 33.1



#17
Carbon Disulfide
Concen: 3.817 ug/l
RT: 4.421 min Scan# 425
Delta R.T. 0.007 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 76 Resp: 1539
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

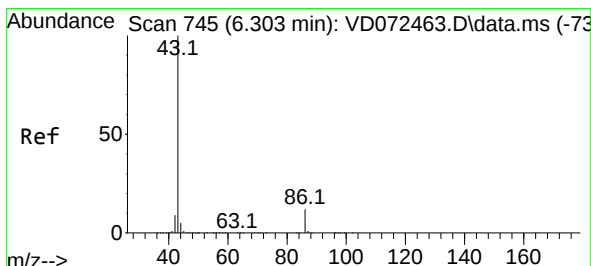
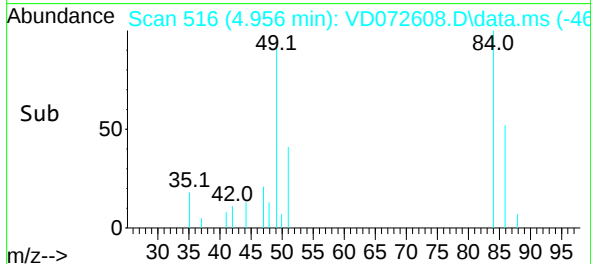
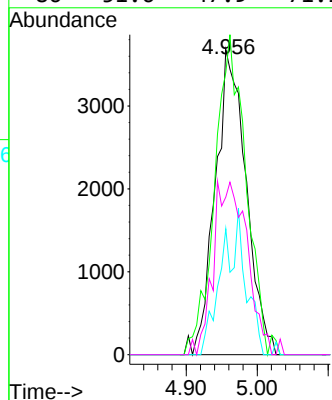
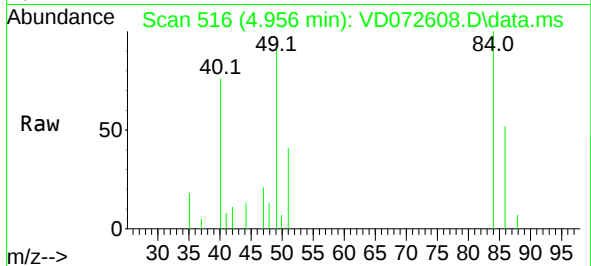




#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

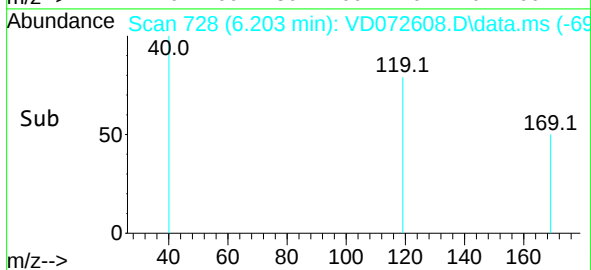
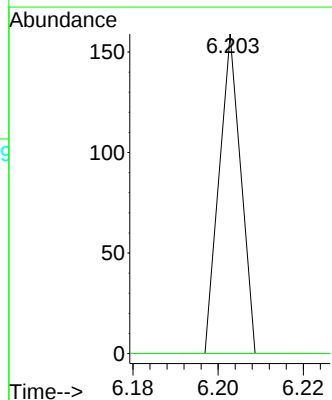
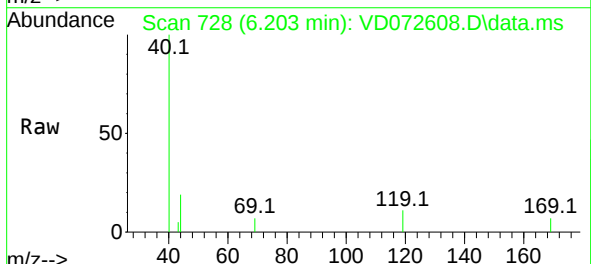
Instrument :
MSVOA_D
ClientSampleId :
SB-10

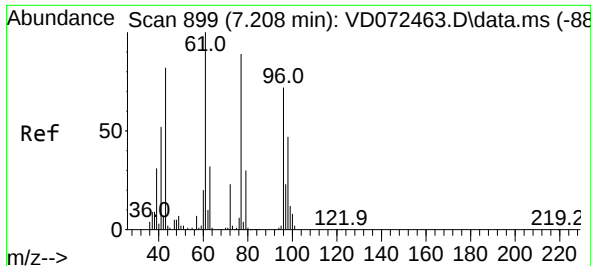
Tgt Ion: 84 Resp: 11125
Ion Ratio Lower Upper
84 100
49 92.5 112.8 169.2#
51 41.2 32.6 48.8
86 51.6 47.9 71.9



#23
Vinyl Acetate
Concen: 6.296 ug/l
RT: 6.203 min Scan# 728
Delta R.T. -0.100 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

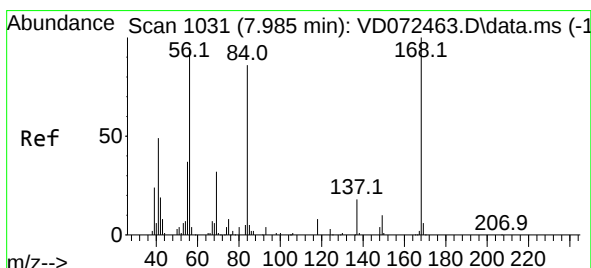
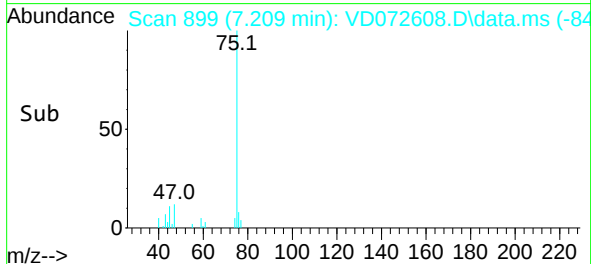
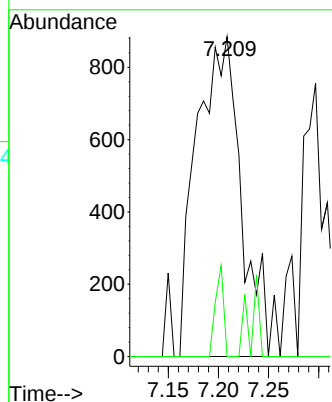
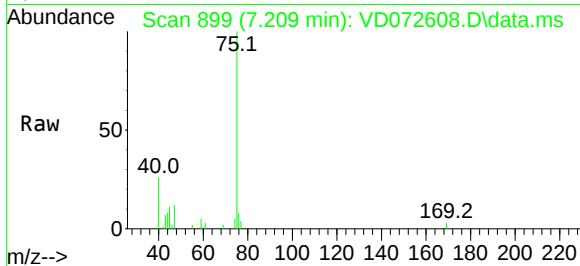




#25
2-Butanone
Concen: 2.312 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

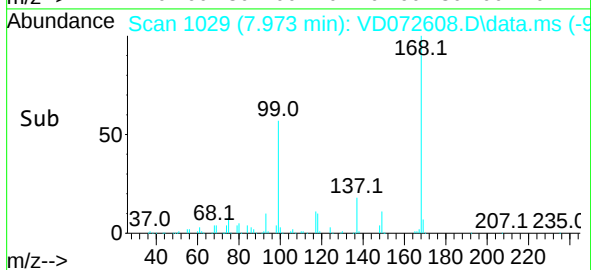
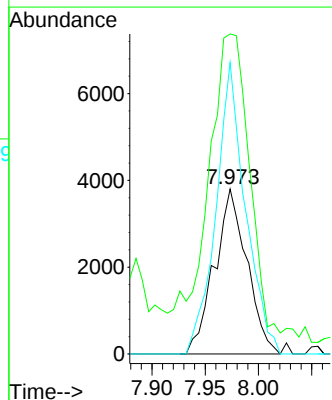
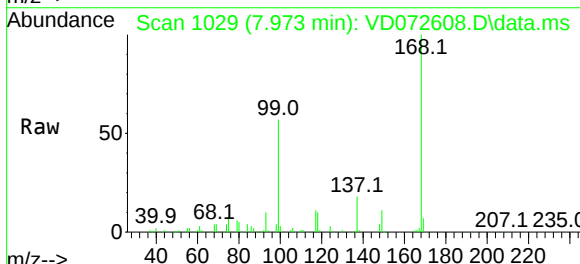
Instrument :
MSVOA_D
ClientSampleId :
SB-10

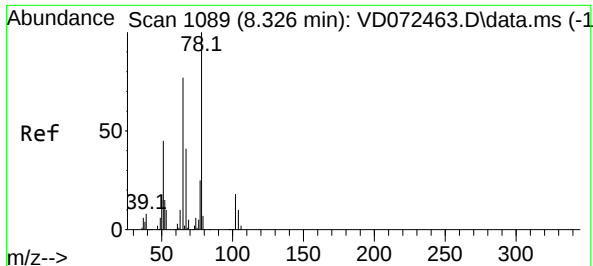
Tgt Ion: 43 Resp: 2771
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 56 Resp: 8042
Ion Ratio Lower Upper
56 100
69 181.3 25.4 38.2#
84 176.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.969 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072608.D

Acq: 18 Apr 2022 20:12

Instrument :

MSVOA_D

ClientSampleId :

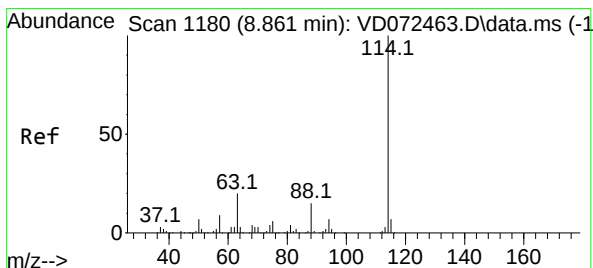
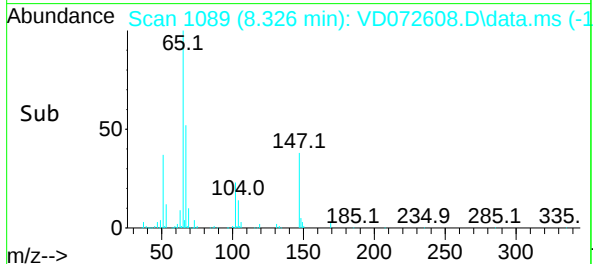
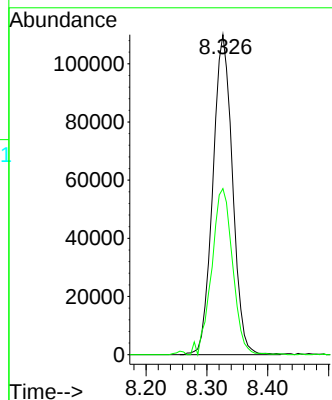
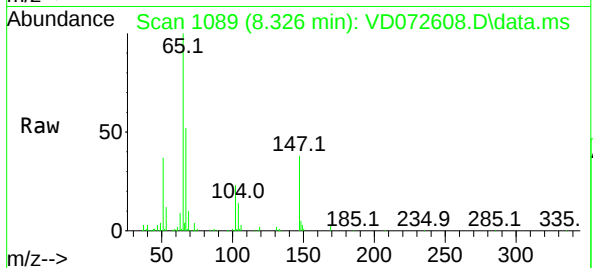
SB-10

Tgt Ion: 65 Resp: 246196

Ion Ratio Lower Upper

65 100

67 55.3 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: VD072608.D

Acq: 18 Apr 2022 20:12

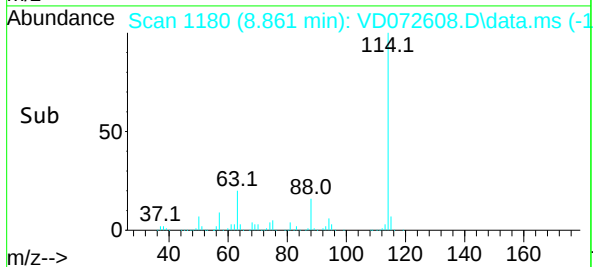
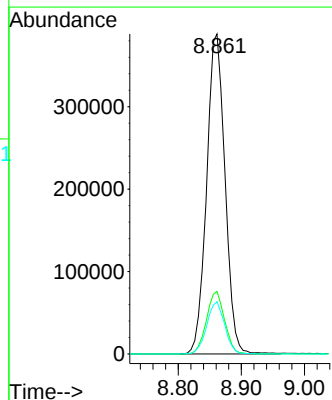
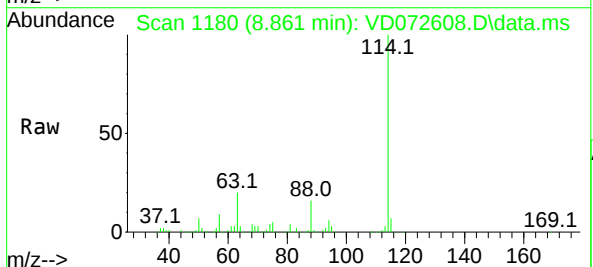
Tgt Ion: 114 Resp: 784987

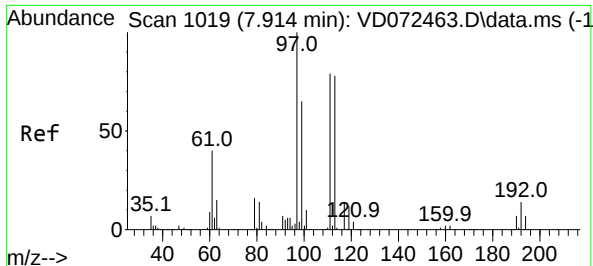
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 41.933 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072608.D

Acq: 18 Apr 2022 20:12

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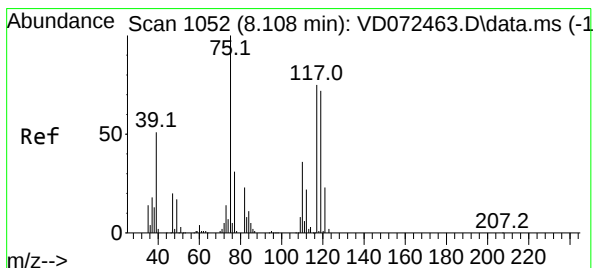
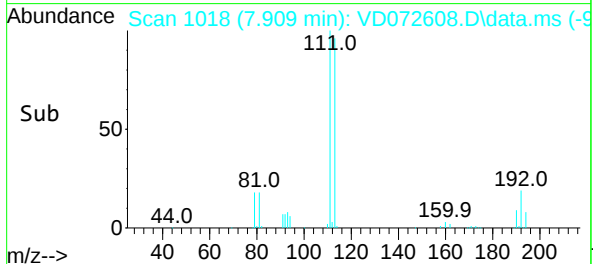
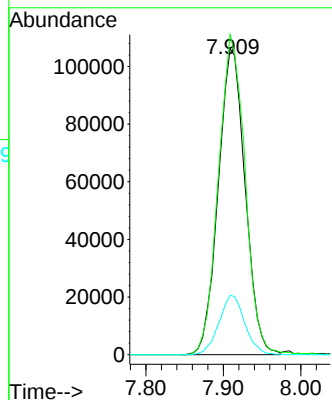
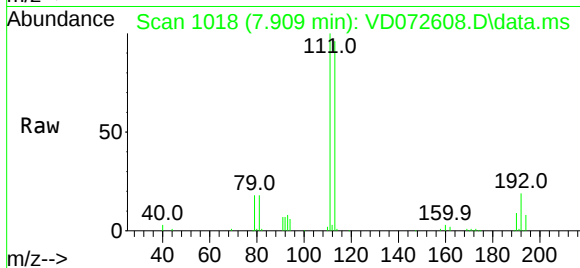
Tgt Ion:113 Resp: 255809

Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072608.D

Acq: 18 Apr 2022 20:12

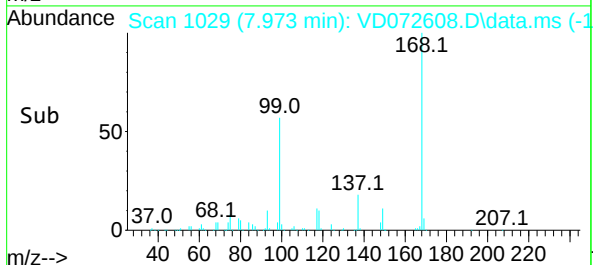
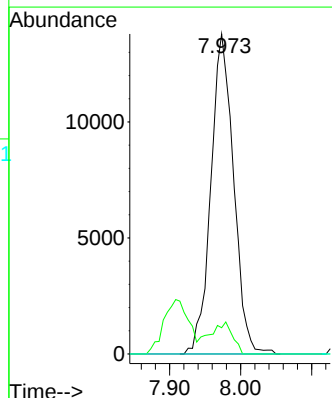
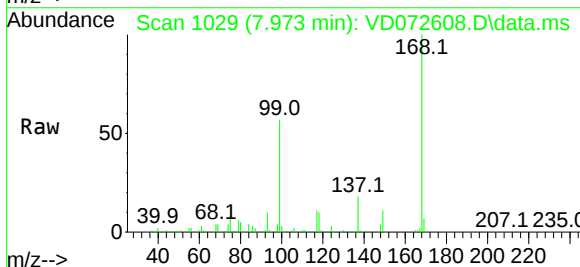
Tgt Ion: 75 Resp: 30676

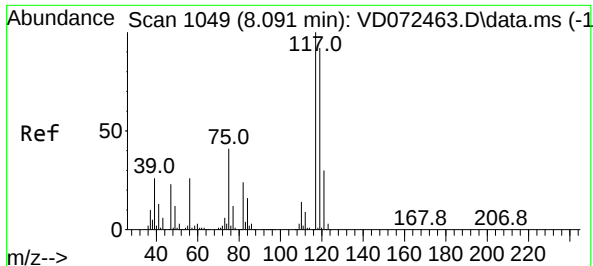
Ion Ratio Lower Upper

75 100

110 9.5 16.4 49.1#

77 0.0 24.2 36.2#

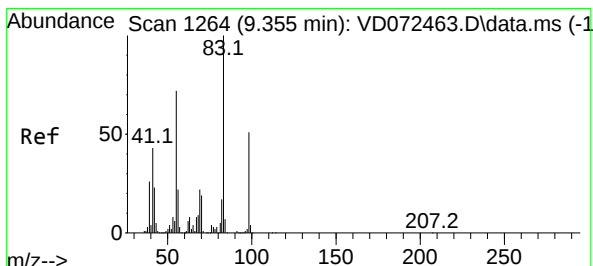
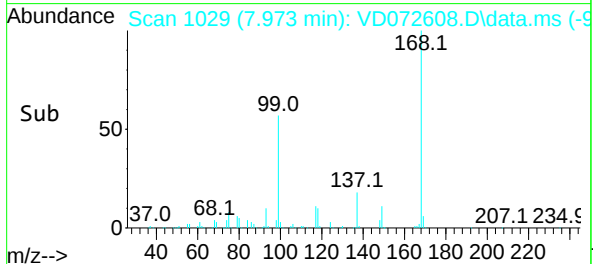
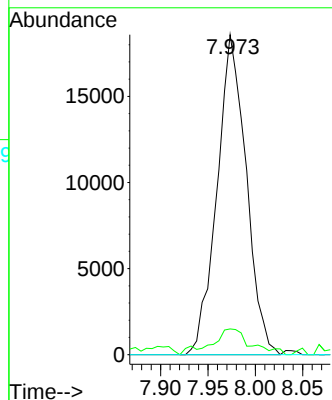
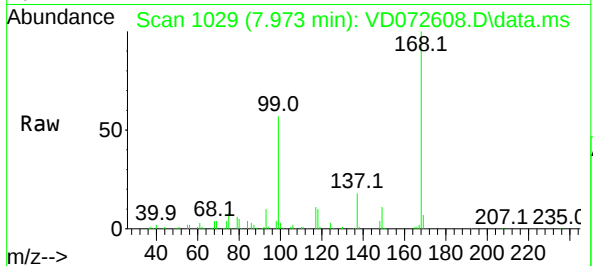




#38
Carbon Tetrachloride
Concen: 4.738 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

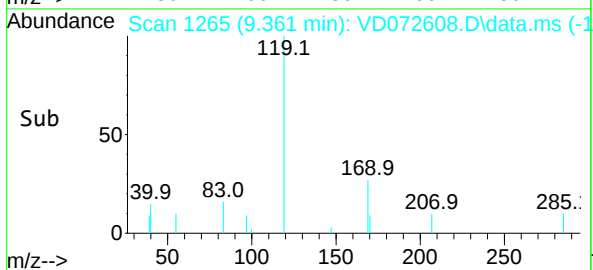
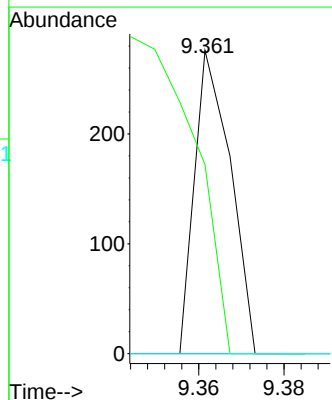
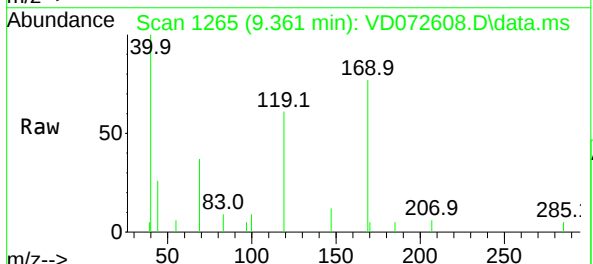
Instrument :
MSVOA_D
ClientSampleId :
SB-10

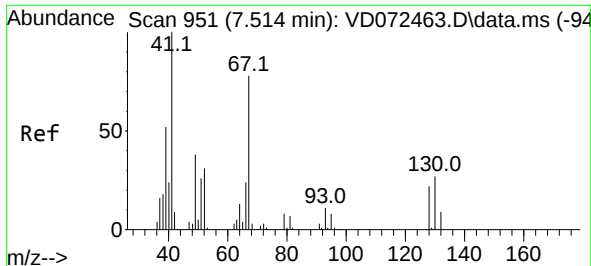
Tgt Ion:117 Resp: 39822
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.893 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 83 Resp: 161
Ion Ratio Lower Upper
83 100
55 62.3 63.2 94.8#
98 0.0 38.2 57.4#

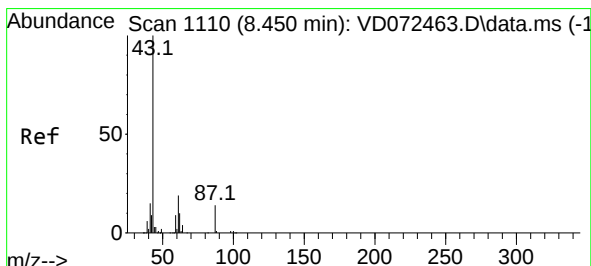
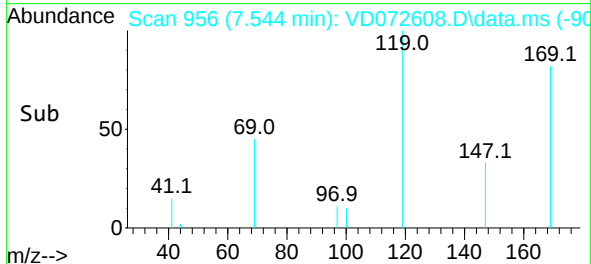
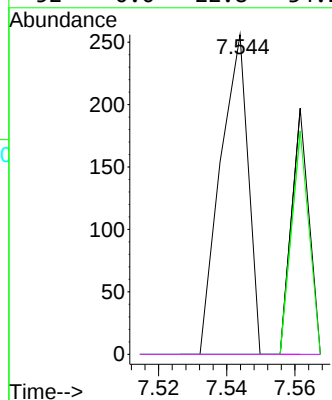
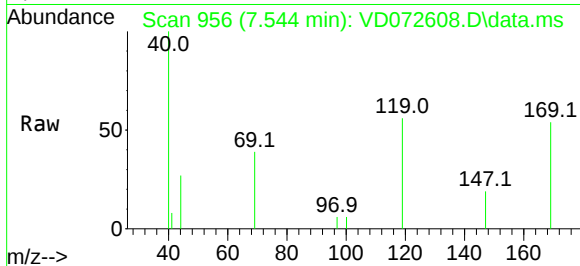




#41
Methacrylonitrile
Concen: 1.732 ug/l
RT: 7.544 min Scan# 91
Delta R.T. 0.030 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

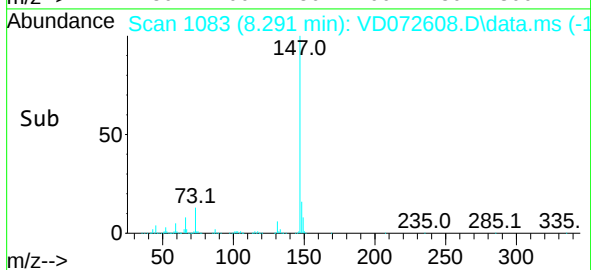
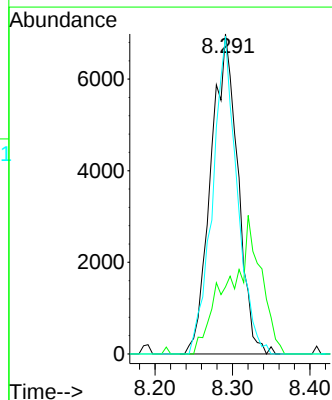
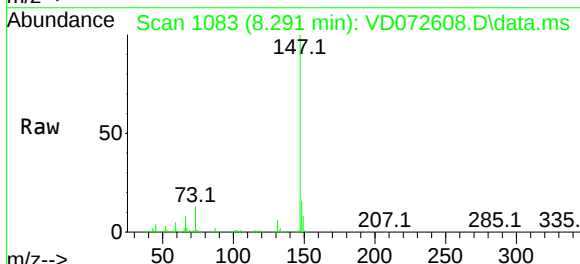
Instrument :
MSVOA_D
ClientSampleId :
SB-10

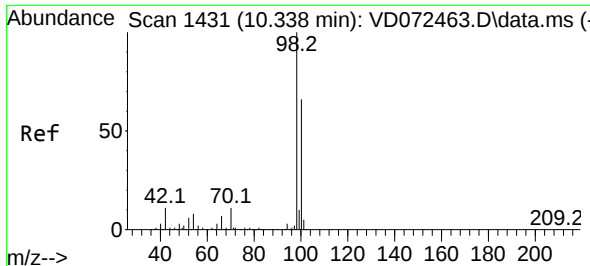
Tgt Ion: 41	Resp:	145
Ion	Ratio	Lower Upper
41	100	
39	0.0	44.6 67.0#
67	0.0	48.2 72.4#
52	0.0	22.8 34.2#



#43
Isopropyl Acetate
Concen: 2.726 ug/l
RT: 8.291 min Scan# 1083
Delta R.T. -0.159 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 43	Resp:	16905
Ion	Ratio	Lower Upper
43	100	
61	0.0	22.4 33.6#
87	90.6	8.7 13.1#

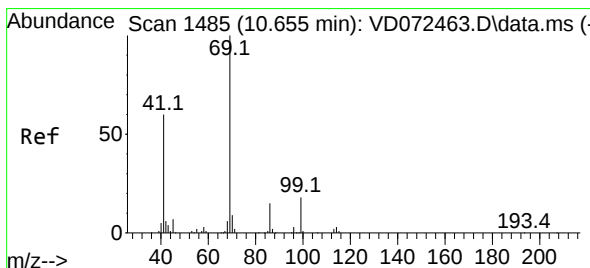
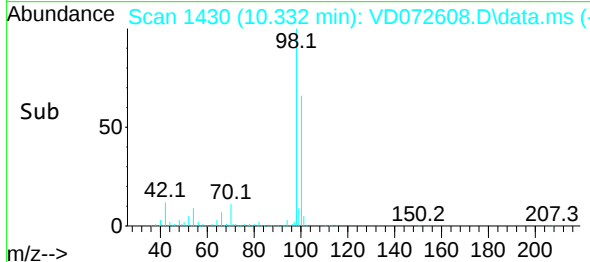
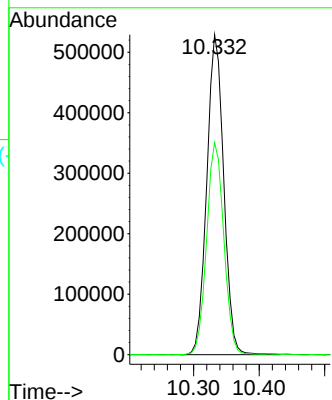
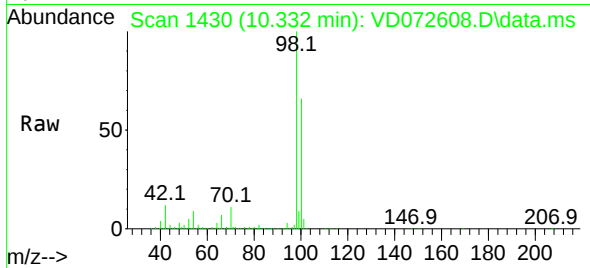




#50
Toluene-d8
Concen: 44.812 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

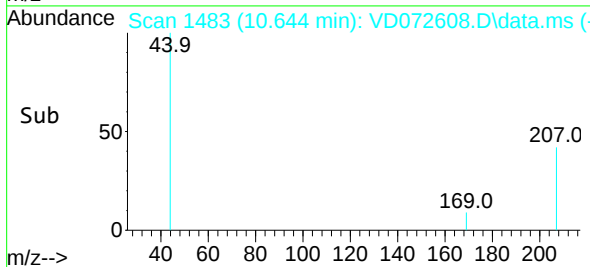
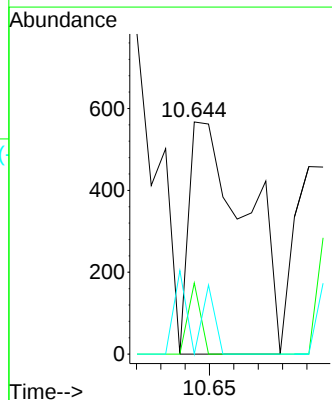
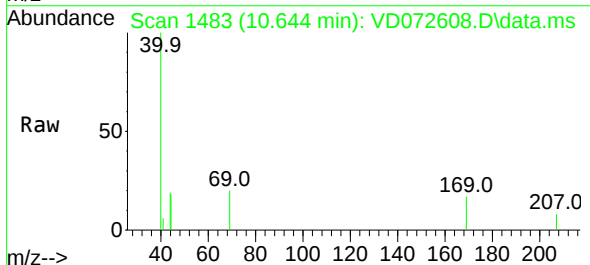
Instrument :
MSVOA_D
ClientSampleId :
SB-10

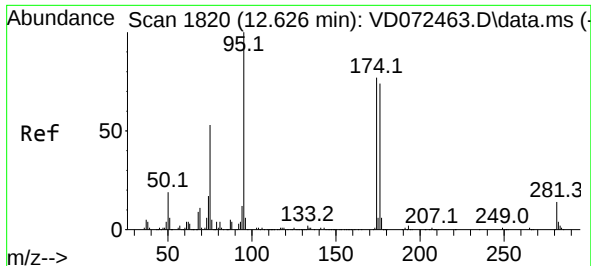
Tgt Ion: 98 Resp: 950261
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#56
Ethyl methacrylate
Concen: 1.346 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 69 Resp: 921
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 14.3 33.8 50.8#

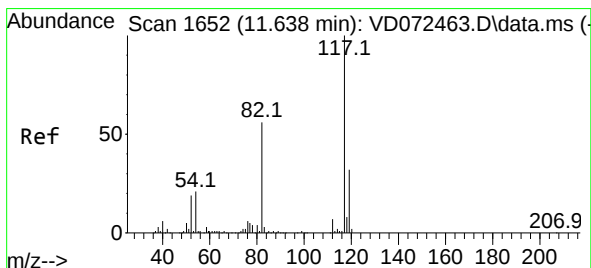
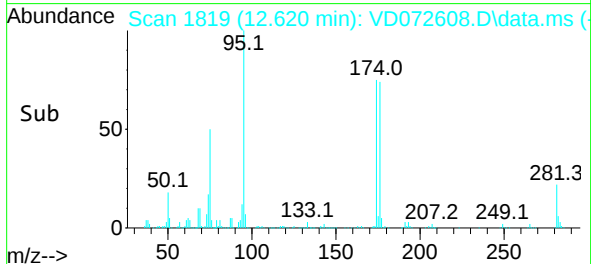
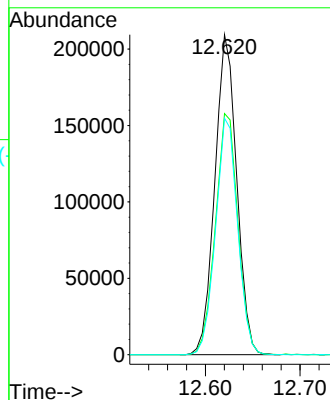
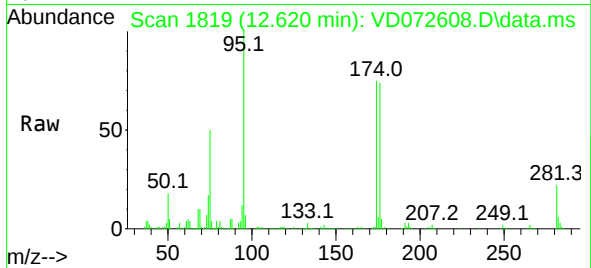




#62
4-Bromofluorobenzene
Concen: 40.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

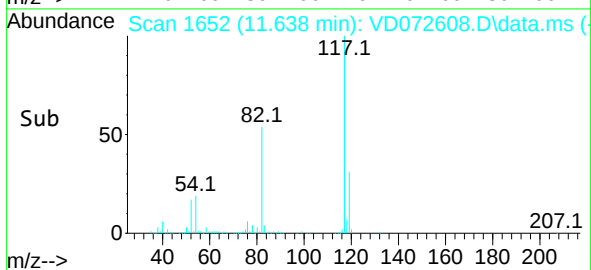
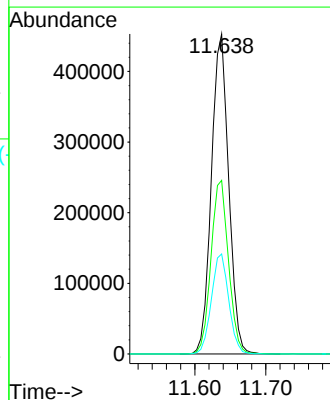
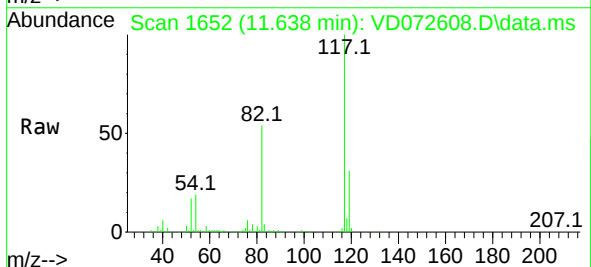
Instrument :
MSVOA_D
ClientSampleId :
SB-10

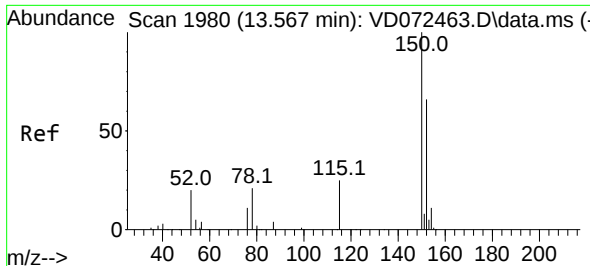
Tgt Ion: 95 Resp: 335615
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072608.D
Acq: 18 Apr 2022 20:12

Tgt Ion: 117 Resp: 764028
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.3 26.6 40.0

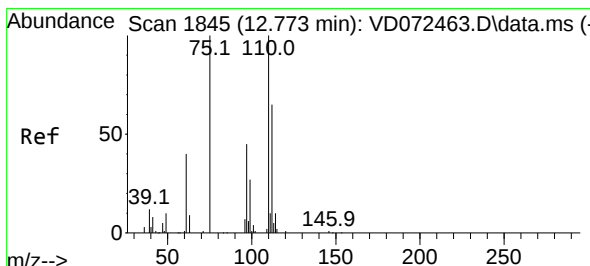
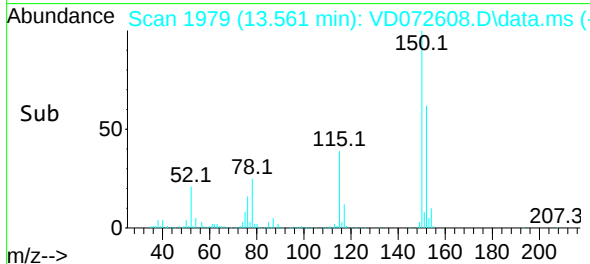
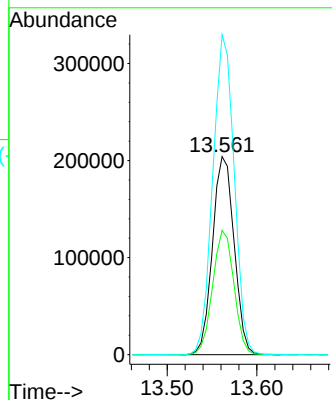
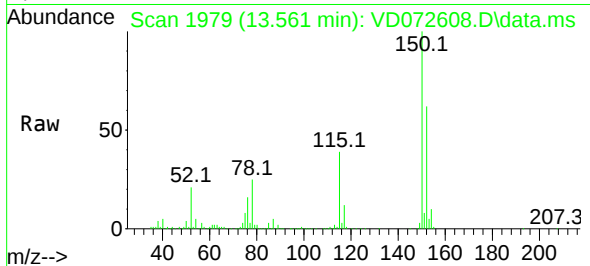




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072608.D
 Acq: 18 Apr 2022 20:12

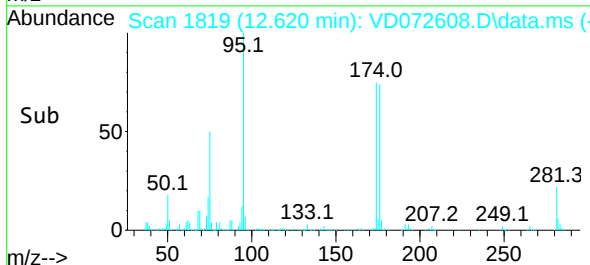
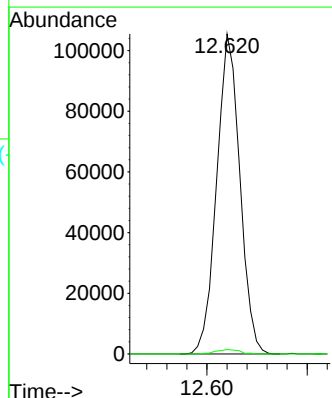
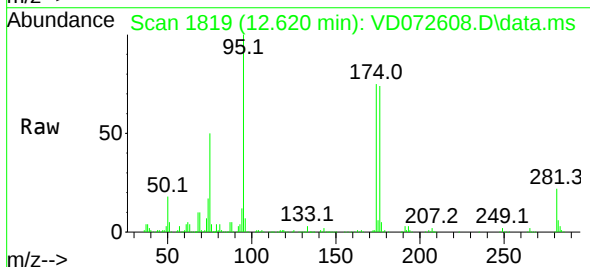
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10

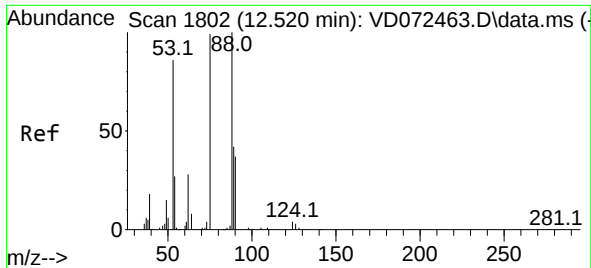
Tgt Ion:152 Resp: 341619
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.3 93.8
 150 160.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.412 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072608.D
 Acq: 18 Apr 2022 20:12

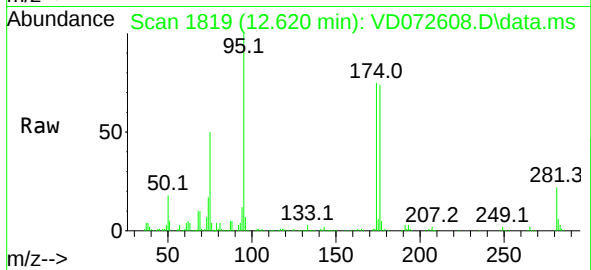
Tgt Ion: 75 Resp: 169201
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.432 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072608.D
 Acq: 18 Apr 2022 20:12

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10



Tgt Ion: 75 Resp: 169201
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.3 33.9 50.9#

