

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070217.D
 Acq On : 23 Aug 2021 13:00
 Operator : VA/SY
 Sample : M3485-01
 Misc : 5.04G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 01:30:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	1908	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	3628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	2212	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	149	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	475	21.167	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.340%#
35) Dibromofluoromethane	7.903	113	971	41.426	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.860%
50) Toluene-d8	10.338	98	3433	37.657	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.320%
62) 4-Bromofluorobenzene	12.620	95	349	11.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	23.240%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.979	85	72	Below Cal	#	42
3) Chloromethane	2.209	50	485	15.271	ug/l #	42
4) Vinyl Chloride	2.368	62	306	9.476	ug/l #	43
6) Chloroethane	2.879	64	69	3.345	ug/l #	42
7) Trichlorofluoromethane	3.297	101	597	15.393	ug/l #	16
9) 1,1,2-Trichlorotrifluo...	4.109	101	212	8.592	ug/l #	22
10) Methyl Iodide	4.303	142	223	9.885	ug/l #	40
12) 1,1-Dichloroethene	4.068	96	218	9.617	ug/l #	35
14) Allyl chloride	4.703	41	123	3.637	ug/l #	62
16) Acetone	4.150	43	82	19.835	ug/l #	41
17) Carbon Disulfide	4.409	76	789	9.627	ug/l #	75
18) Methyl Acetate	4.726	43	61	4.949	ug/l #	50
19) Methyl tert-butyl Ether	5.497	73	65	1.382	ug/l #	53
20) Methylene Chloride	4.962	84	500	11.464	ug/l #	56
21) trans-1,2-Dichloroethene	5.497	96	75	2.848	ug/l #	1
23) Vinyl Acetate	6.297	43	56	1.737	ug/l #	70
24) 1,1-Dichloroethane	6.262	63	104	2.137	ug/l #	81
25) 2-Butanone	7.244	43	61	10.799	ug/l #	44
26) 2,2-Dichloropropane	7.209	77	73	1.926	ug/l #	52
27) cis-1,2-Dichloroethene	7.438	96	72	2.575	ug/l #	1
30) Chloroform	7.691	83	145	3.029	ug/l #	18
31) Cyclohexane	7.997	56	145	3.264	ug/l #	15
32) 1,1,1-Trichloroethane	7.903	97	453	11.326	ug/l #	35
36) 1,1-Dichloropropene	8.109	75	202	5.176	ug/l #	42
37) Ethyl Acetate	7.244	43	61	4.303	ug/l #	67
39) Methylcyclohexane	9.344	83	331	7.284	ug/l #	58
40) Benzene	8.361	78	489	4.320	ug/l #	52
43) Isopropyl Acetate	8.626	43	56	2.116	ug/l #	47
48) Methyl methacrylate	9.391	41	107	8.478	ug/l #	12
51) 4-Methyl-2-Pentanone	10.226	43	62	4.505	ug/l #	33
52) Toluene	10.391	92	336	4.876	ug/l #	11
54) cis-1,3-Dichloropropene	10.085	75	67	1.687	ug/l #	39
59) 2-Hexanone	11.202	43	63	6.836	ug/l #	21
60) Dibromochloromethane	10.867	129	132	5.694	ug/l #	10
64) Tetrachloroethene	10.879	164	78	5.466	ug/l #	17
65) Chlorobenzene	11.673	112	325	7.032	ug/l #	43

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 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

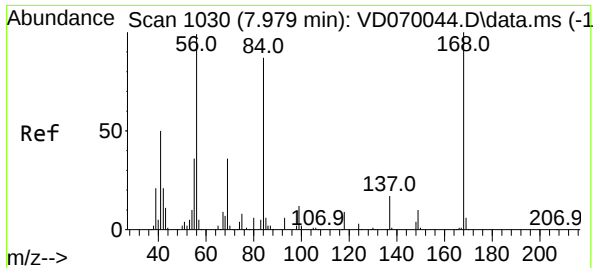
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.744	91	586	7.171	ug/l #	65
68) m/p-Xylenes	11.844	106	348	10.989	ug/l #	50
69) o-Xylene	12.185	106	302	10.569	ug/l #	1
70) Styrene	12.449	104	63	1.259	ug/l #	26
73) Isopropylbenzene	12.479	105	777	71.511	ug/l #	65
74) N-amyl acetate	12.249	43	62	26.465	ug/l #	39
76) 1,2,3-Trichloropropane	12.644	75	194	128.386	ug/l #	1
78) n-propylbenzene	12.814	91	899	64.157	ug/l #	54
79) 2-Chlorotoluene	12.908	91	255	31.630	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.949	105	561	60.647	ug/l #	28
81) trans-1,4-Dichloro-2-b...	12.644	75	194	333.244	ug/l #	17
82) 4-Chlorotoluene	12.996	91	144	17.058	ug/l #	42
83) tert-Butylbenzene	13.202	119	227	30.192	ug/l #	74
84) 1,2,4-Trimethylbenzene	13.255	105	239	26.046	ug/l #	31
85) sec-Butylbenzene	13.391	105	717	59.521	ug/l #	60
86) p-Isopropyltoluene	13.508	119	621	63.809	ug/l #	51
87) 1,3-Dichlorobenzene	13.508	146	68	13.271	ug/l #	1
88) 1,4-Dichlorobenzene	13.591	146	141	27.782	ug/l #	43
89) n-Butylbenzene	13.838	91	515	53.926	ug/l #	45
91) 1,2-Dichlorobenzene	13.879	146	54	12.299	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.138	180	65	26.621	ug/l #	12
95) Naphthalene	15.379	128	285	64.134	ug/l #	69

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

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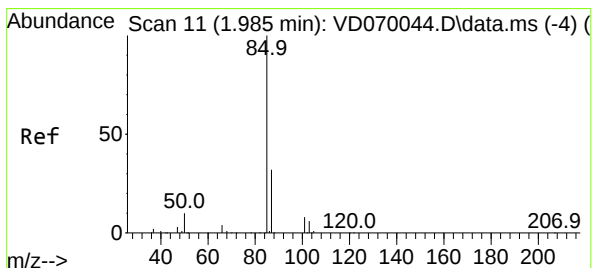
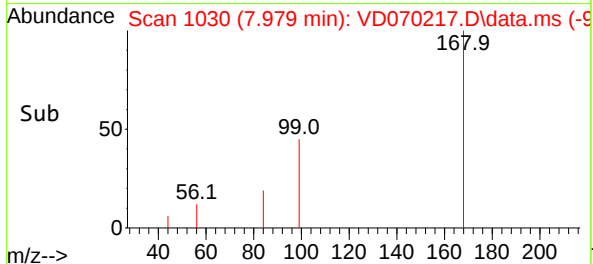
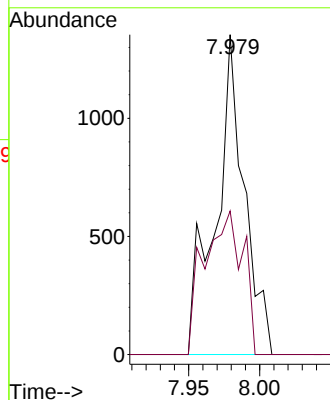
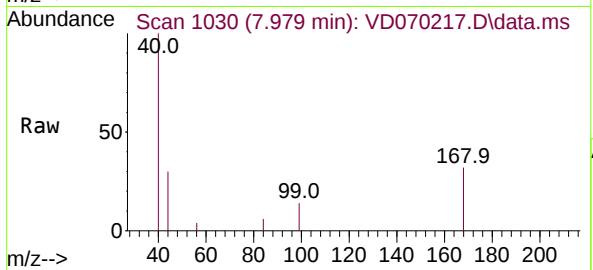




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

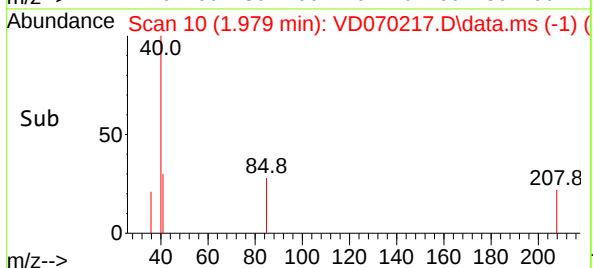
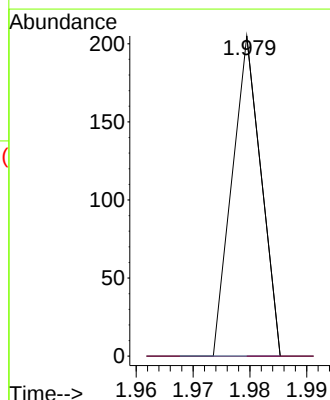
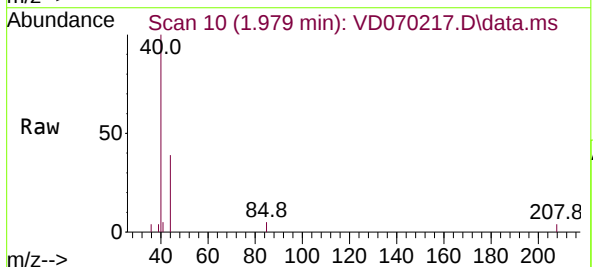
Instrument :
MSVOA_D
ClientSampled :

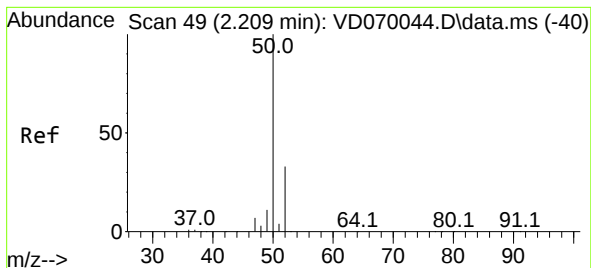
Tgt Ion:168 Resp: 1908
Ion Ratio Lower Upper
168 100
99 44.9 50.3 75.5#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#3

Chloromethane

Concen: 15.271 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD070217.D

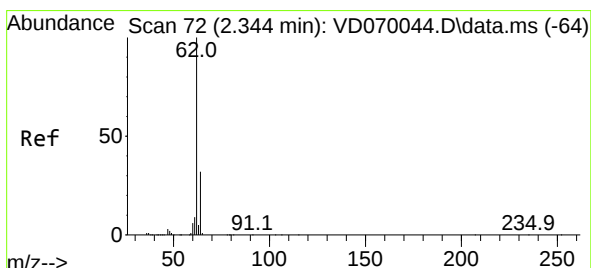
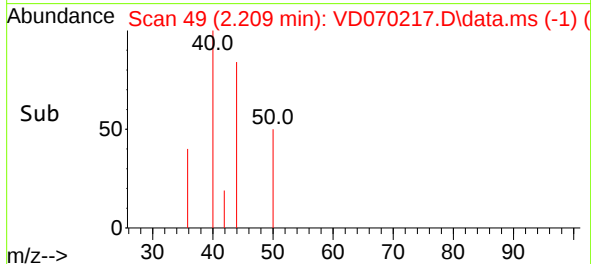
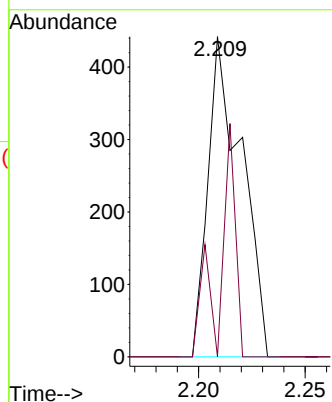
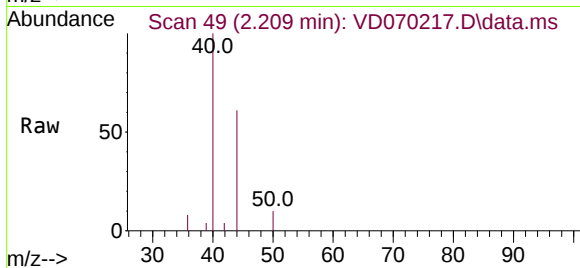
Acq: 23 Aug 2021 13:00

Tgt Ion: 50 Resp: 485

Ion Ratio Lower Upper

50 100

52 0.0 26.3 39.5#



#4

Vinyl Chloride

Concen: 9.476 ug/l

RT: 2.368 min Scan# 76

Delta R.T. 0.024 min

Lab File: VD070217.D

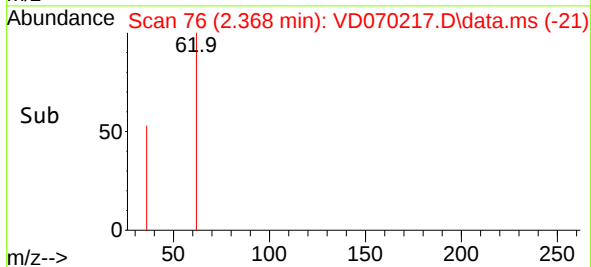
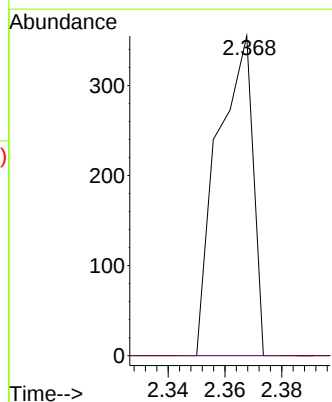
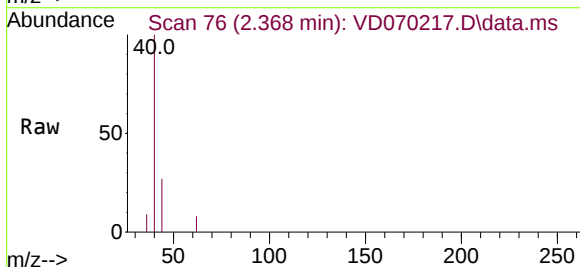
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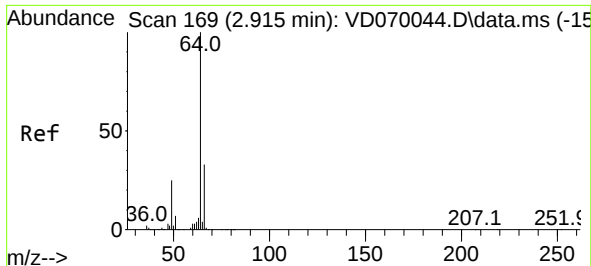
Tgt Ion: 62 Resp: 306

Ion Ratio Lower Upper

62 100

64 0.0 25.7 38.5#

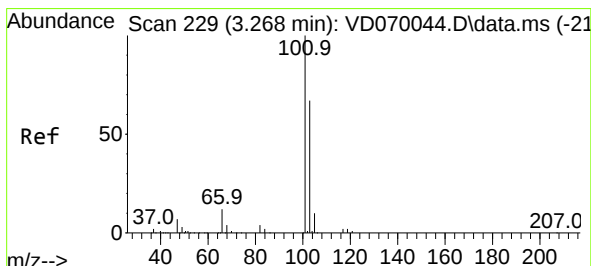
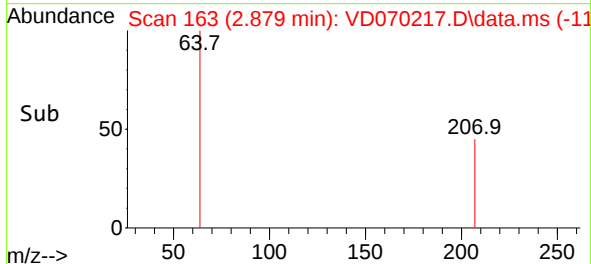
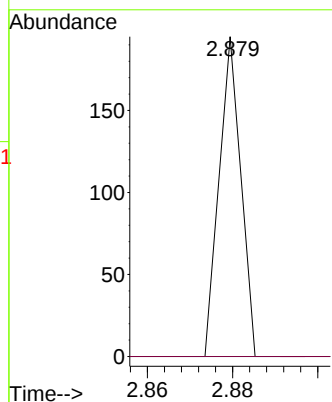
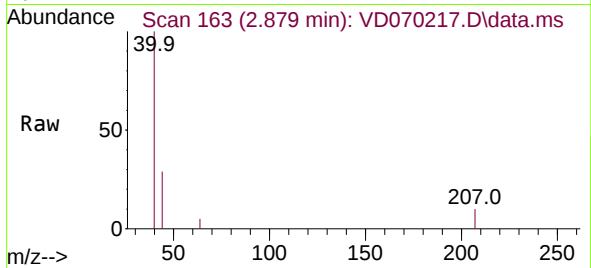




#6
Chloroethane
Concen: 3.345 ug/l
RT: 2.879 min Scan# 163
Delta R.T. -0.035 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

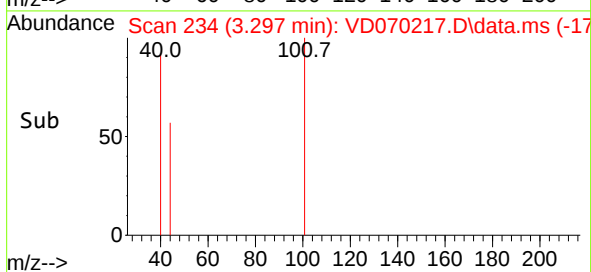
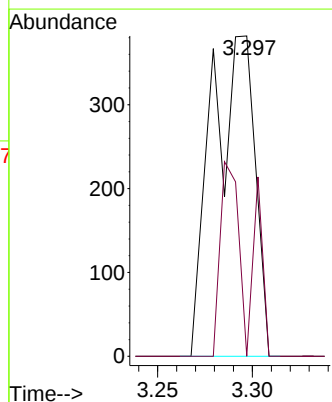
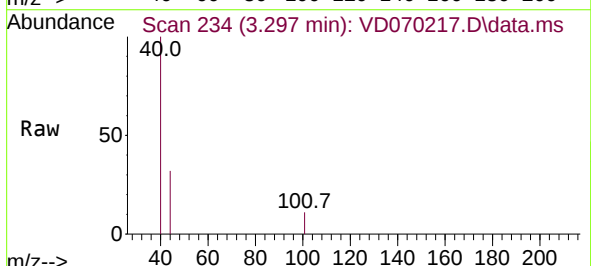
Instrument :
MSVOA_D
ClientSampleId :

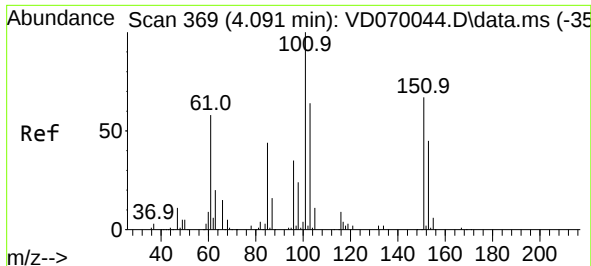
Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#7
Trichlorofluoromethane
Concen: 15.393 ug/l
RT: 3.297 min Scan# 234
Delta R.T. 0.029 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 101 Resp: 597
Ion Ratio Lower Upper
101 100
103 0.0 53.9 80.9#

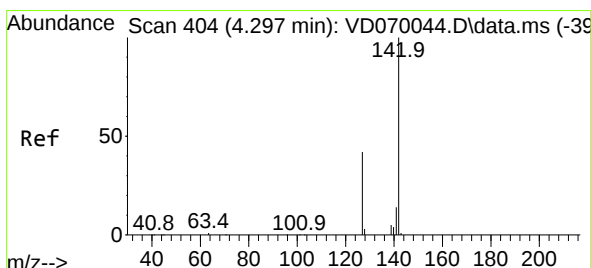
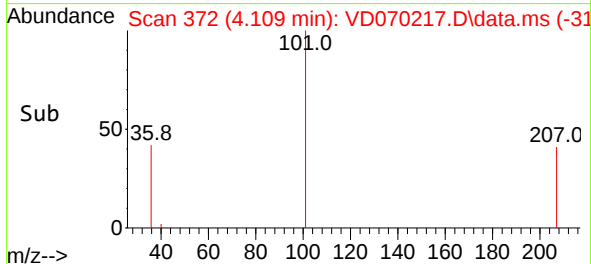
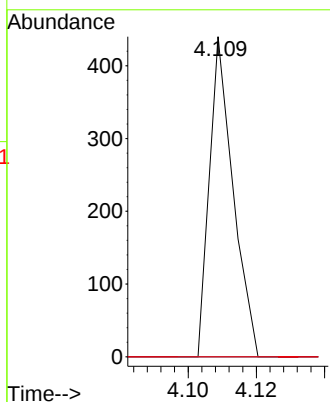
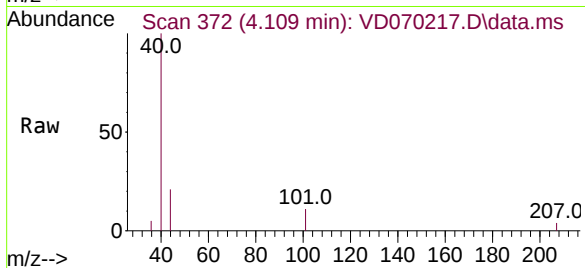




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.592 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.018 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

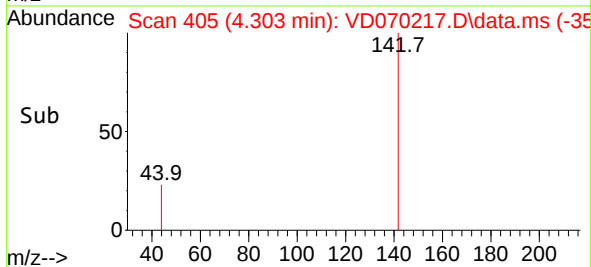
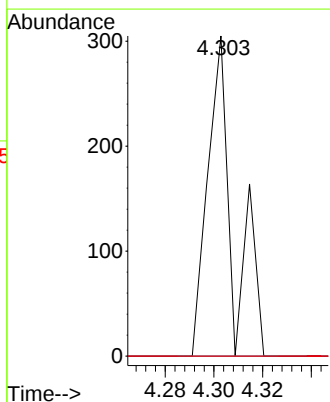
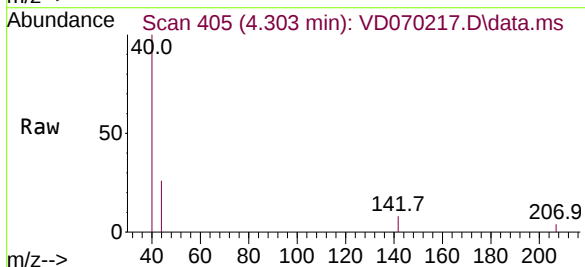
Instrument :
MSVOA_D
ClientSampleId :

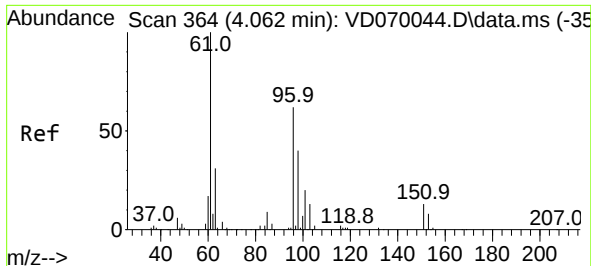
Tgt Ion:101 Resp: 212
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 55.0 82.6#



#10
Methyl Iodide
Concen: 9.885 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 0.0 12.1 18.1#





#12

1,1-Dichloroethene

Concen: 9.617 ug/l

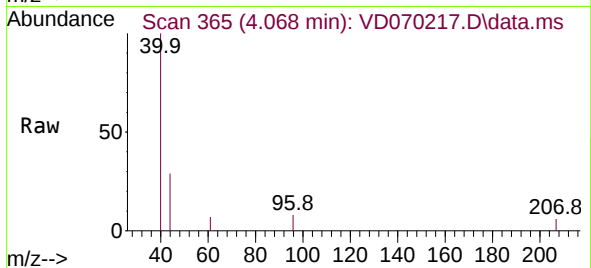
RT: 4.068 min Scan# 365

Delta R.T. 0.006 min

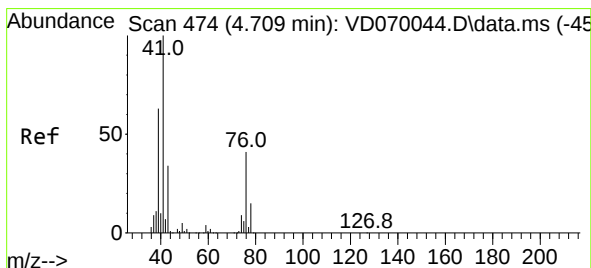
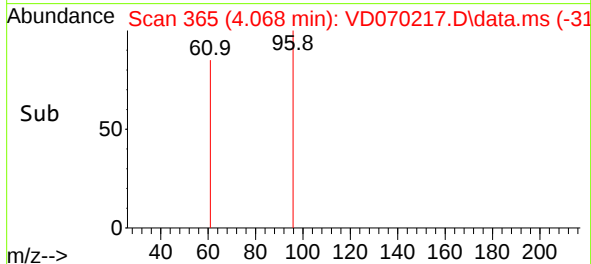
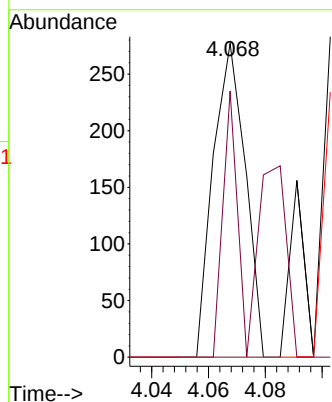
Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

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Tgt Ion:	96	Resp:	218
Ion	Ratio	Lower	Upper
96	100		
61	84.8	129.1	193.7#
98	0.0	52.0	78.0#



#14

Allyl chloride

Concen: 3.637 ug/l

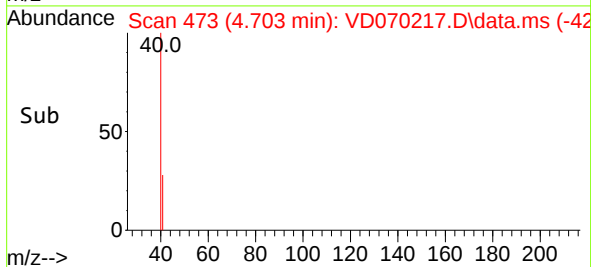
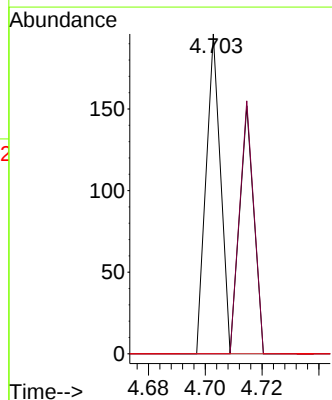
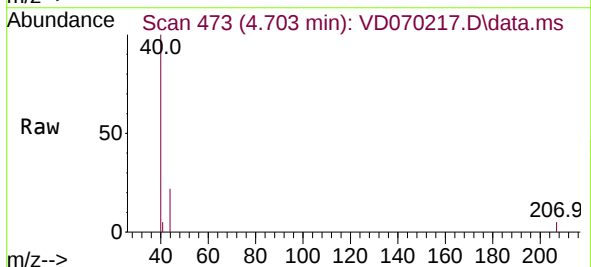
RT: 4.703 min Scan# 473

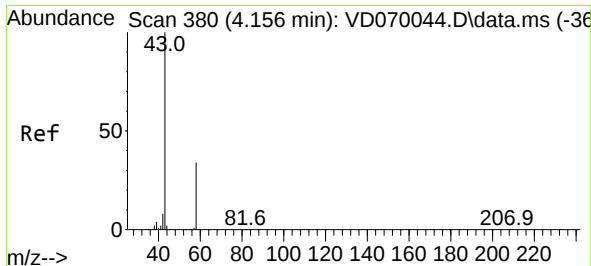
Delta R.T. -0.006 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion:	41	Resp:	123
Ion	Ratio	Lower	Upper
41	100		
39	44.7	47.9	71.9#
76	0.0	31.6	47.4#

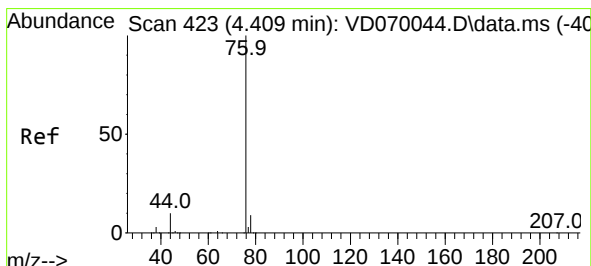
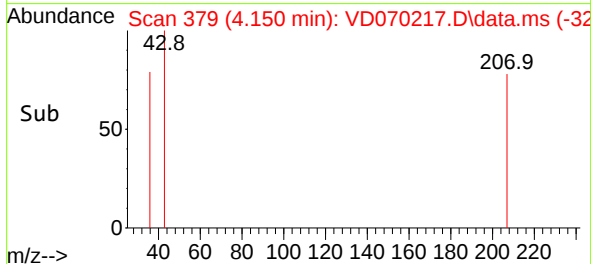
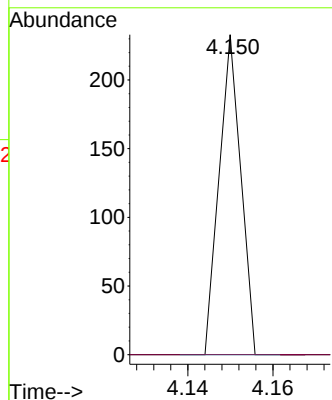
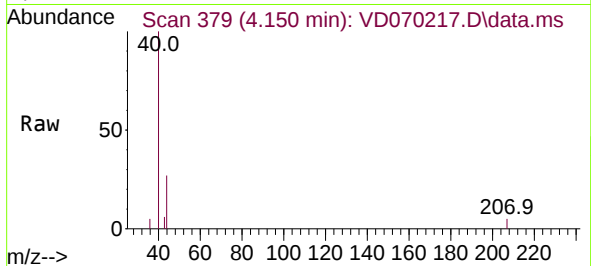




#16
Acetone
Concen: 19.835 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

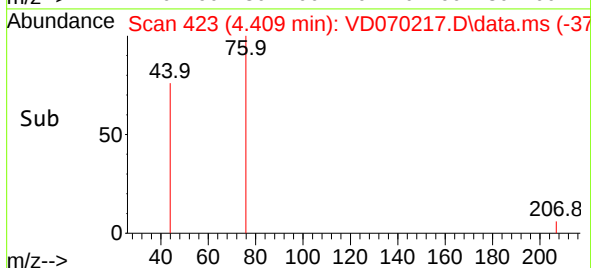
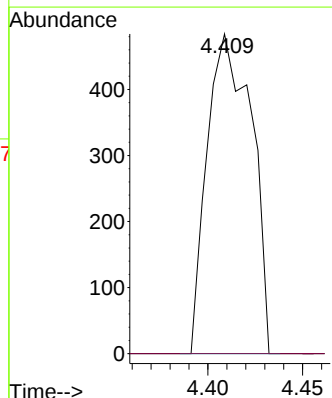
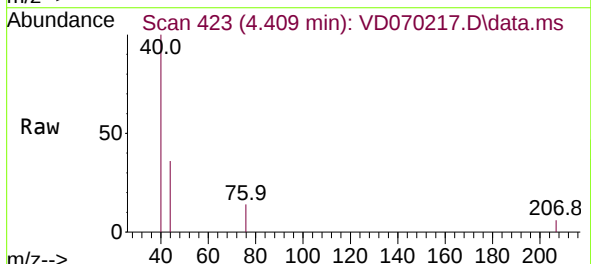
Instrument :
MSVOA_D
ClientSampled :

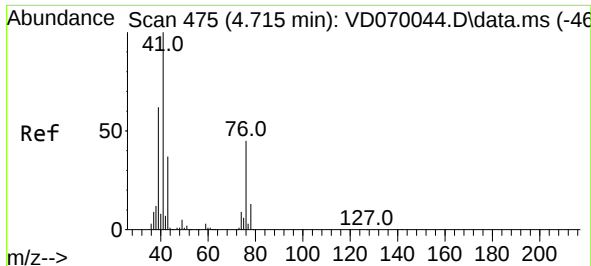
Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#17
Carbon Disulfide
Concen: 9.627 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

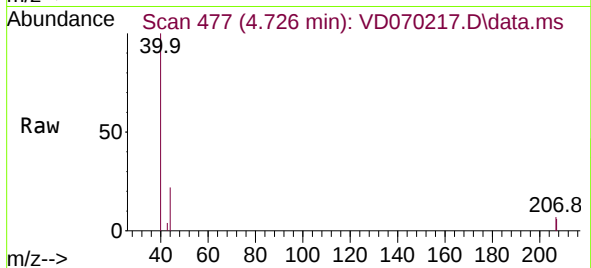
Tgt Ion: 76 Resp: 789
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



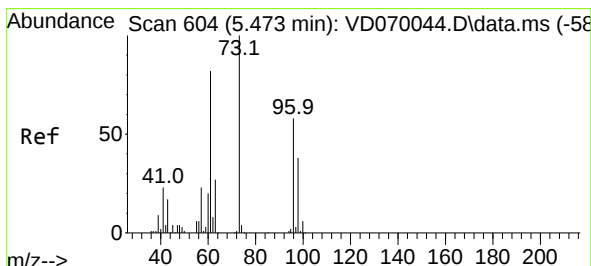
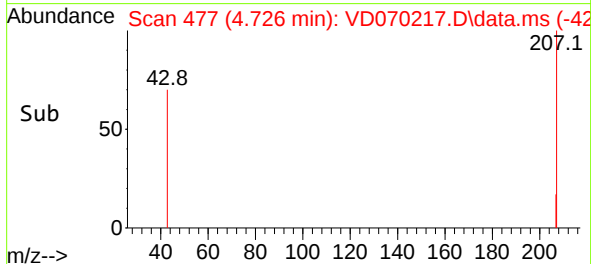
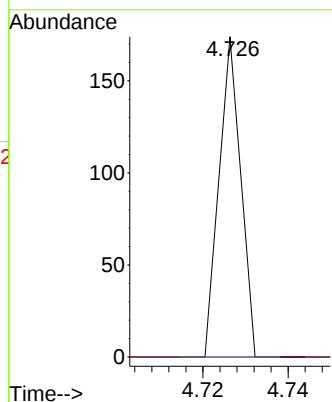


#18
Methyl Acetate
Concen: 4.949 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampled :

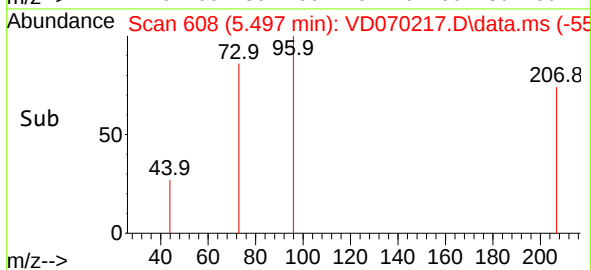
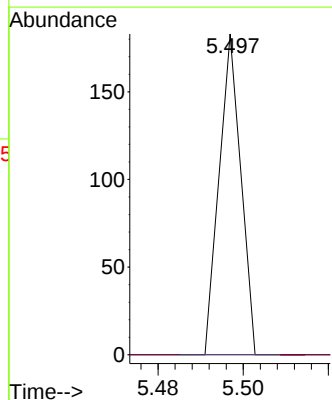
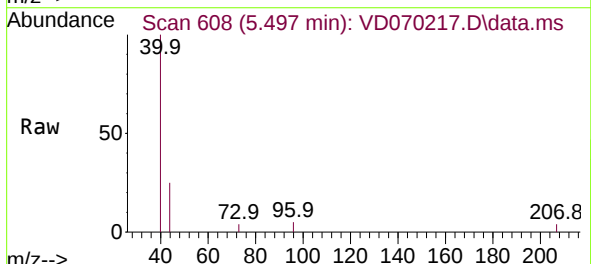


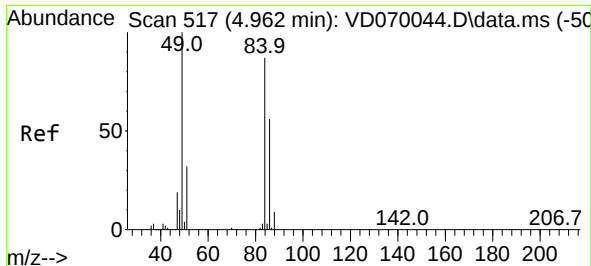
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#19
Methyl tert-butyl Ether
Concen: 1.382 ug/l
RT: 5.497 min Scan# 608
Delta R.T. 0.024 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 73 Resp: 65
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.4#





#20

Methylene Chloride

Concen: 11.464 ug/l

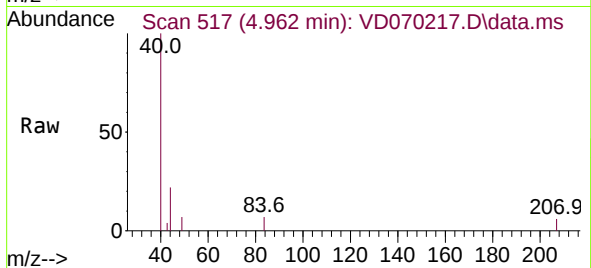
RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

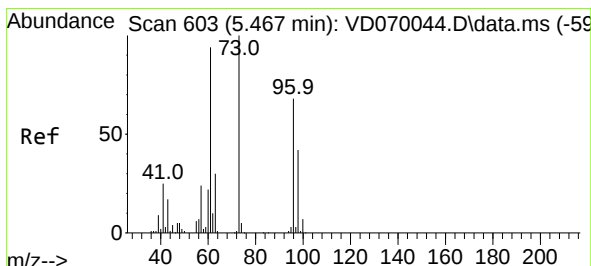
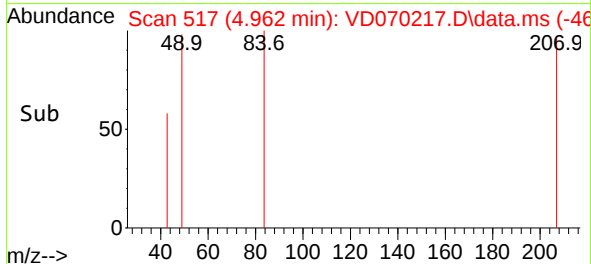
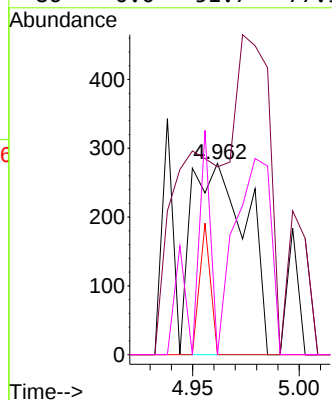
Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	84	Resp:	500
Ion	Ratio	Lower	Upper
84	100		
49	98.2	92.5	138.7
51	0.0	29.7	44.5#
86	0.0	51.7	77.5#



#21

trans-1,2-Dichloroethene

Concen: 2.848 ug/l

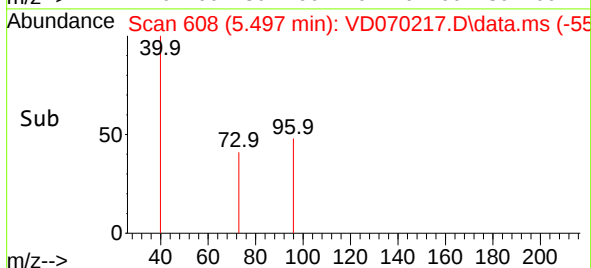
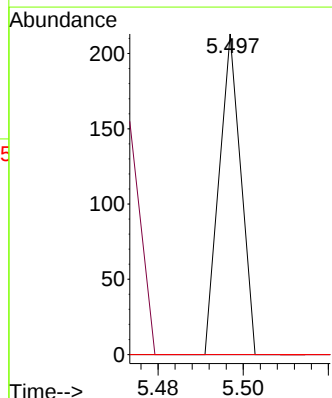
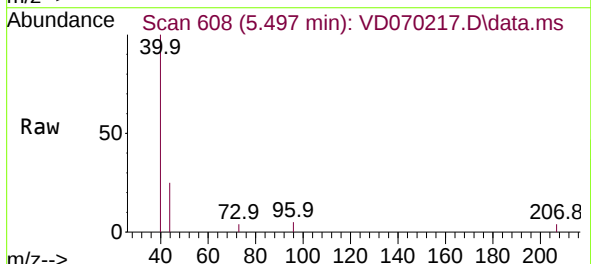
RT: 5.497 min Scan# 608

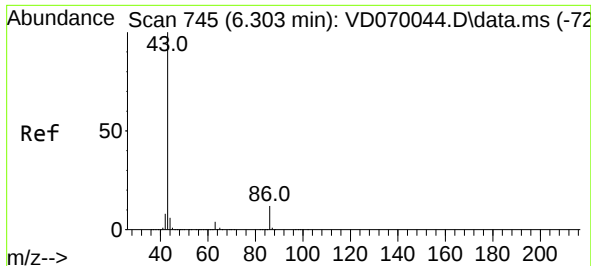
Delta R.T. 0.030 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion:	96	Resp:	75
Ion	Ratio	Lower	Upper
96	100		
61	0.0	111.0	166.4#
98	0.0	49.0	73.4#

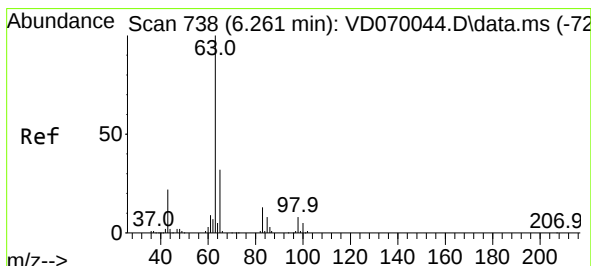
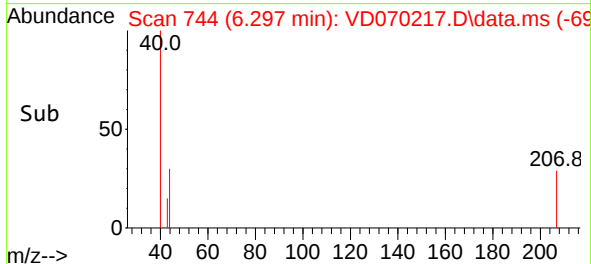
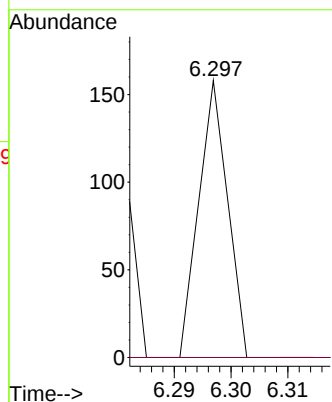
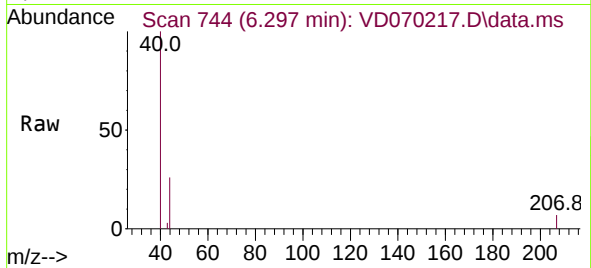




#23
 Vinyl Acetate
 Concen: 1.737 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD070217.D
 Acq: 23 Aug 2021 13:00

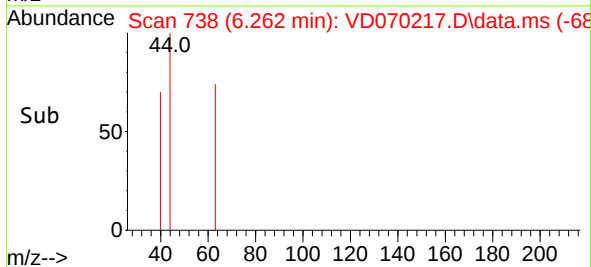
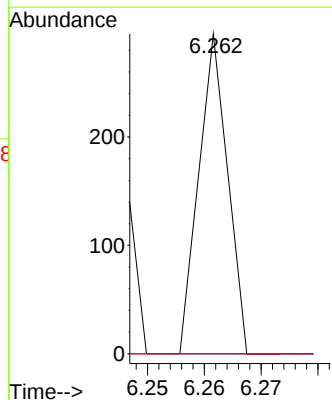
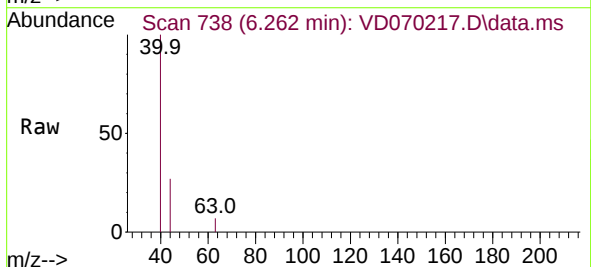
Instrument :
 MSVOA_D
 ClientSampled :

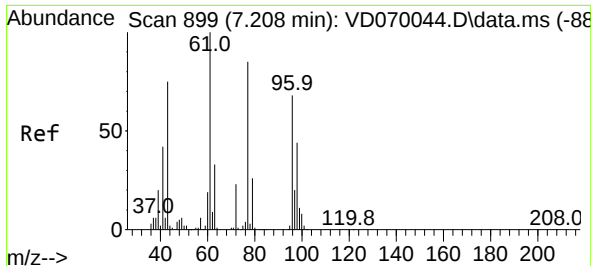
Tgt Ion: 43 Resp: 56
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.2 13.8#



#24
 1,1-Dichloroethane
 Concen: 2.137 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070217.D
 Acq: 23 Aug 2021 13:00

Tgt Ion: 63 Resp: 104
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.3 6.9#

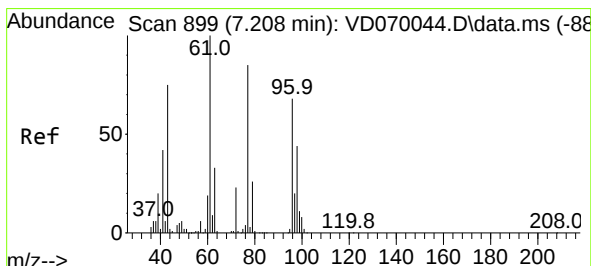
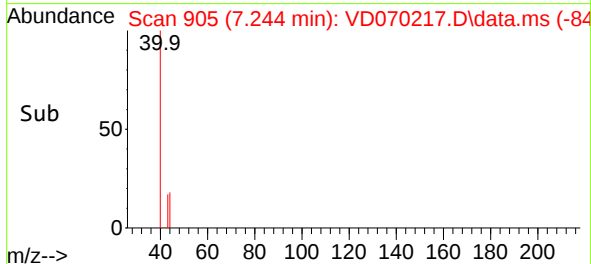
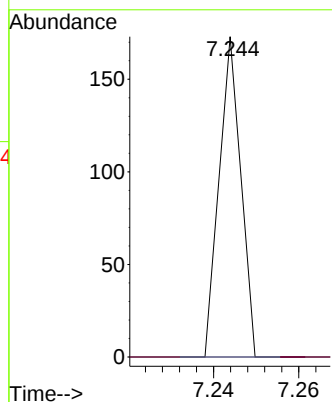
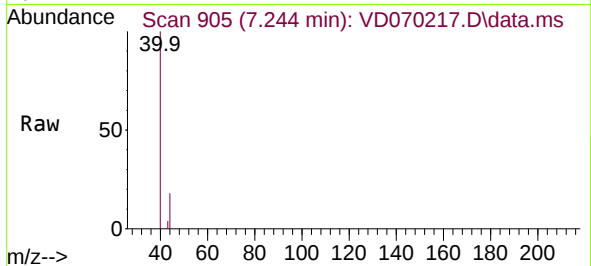




#25
2-Butanone
Concen: 10.799 ug/l
RT: 7.244 min Scan# 905
Delta R.T. 0.035 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

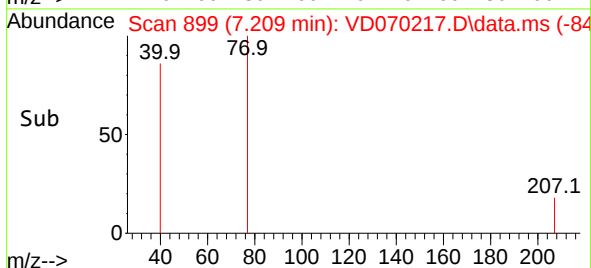
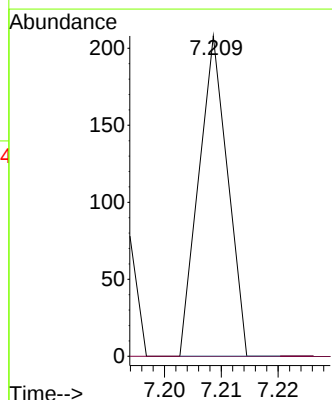
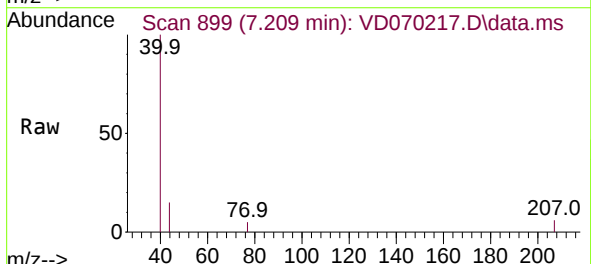
Instrument :
MSVOA_D
ClientSampled :

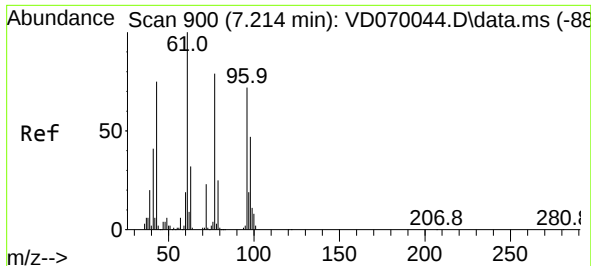
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
72 0.0 24.2 36.4#



#26
2,2-Dichloropropane
Concen: 1.926 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 77 Resp: 73
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#





#27

cis-1,2-Dichloroethene

Concen: 2.575 ug/l

RT: 7.438 min Scan# 938

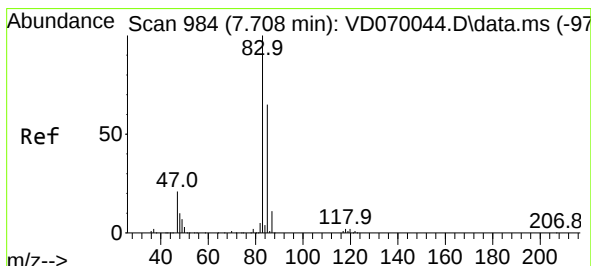
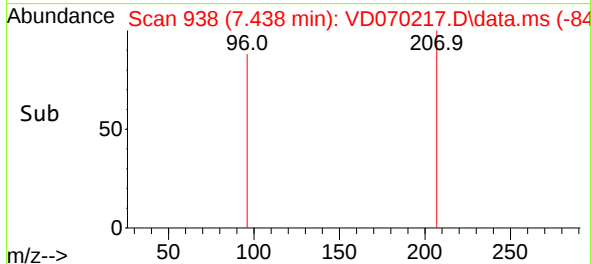
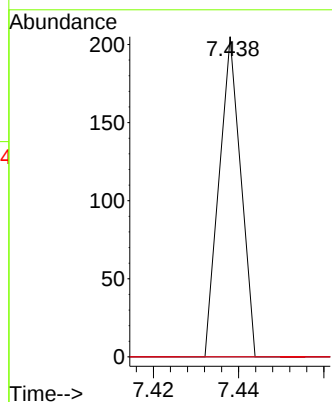
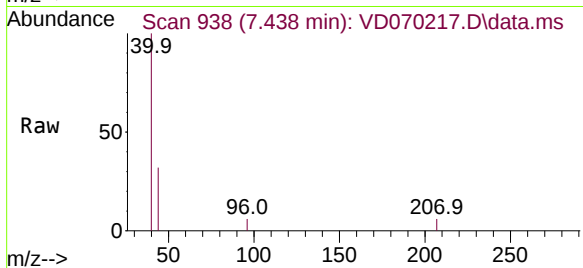
Delta R.T. 0.224 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion: 96 Resp: 72

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	288.2
98	0.0	0.0	129.6



#30

Chloroform

Concen: 3.029 ug/l

RT: 7.691 min Scan# 981

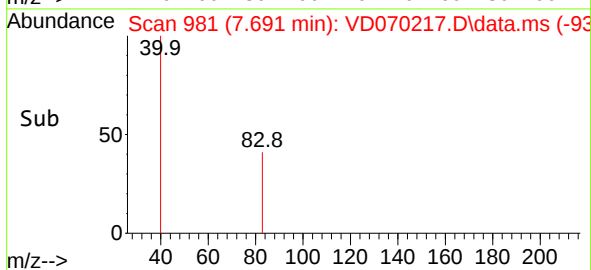
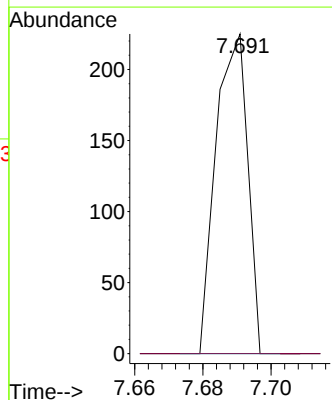
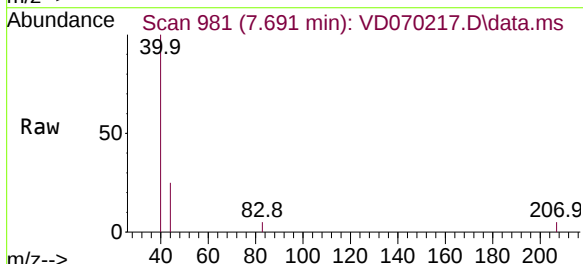
Delta R.T. -0.018 min

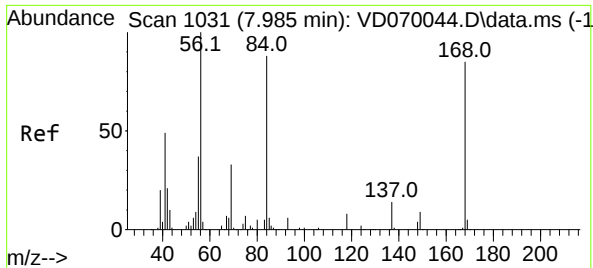
Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion: 83 Resp: 145

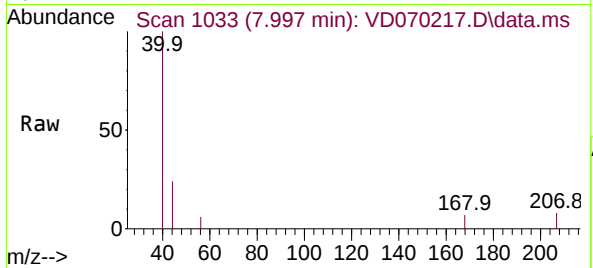
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.8#



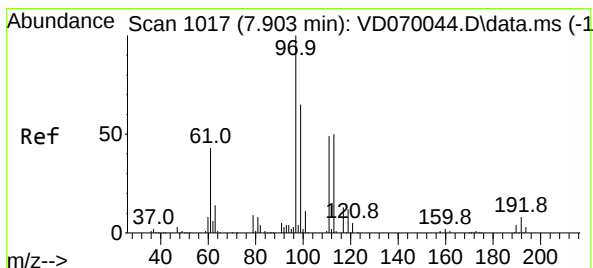
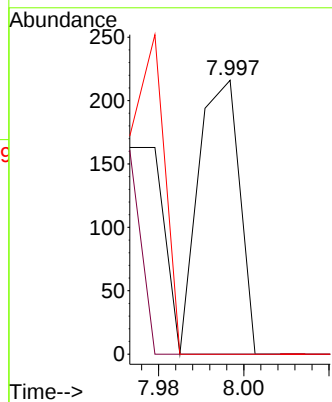
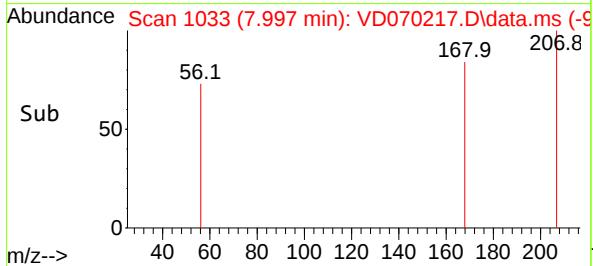


#31
Cyclohexane
Concen: 3.264 ug/l
RT: 7.997 min Scan# 1033
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

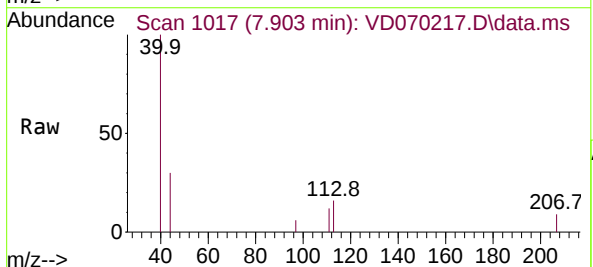
Instrument :
MSVOA_D
ClientSampleId :



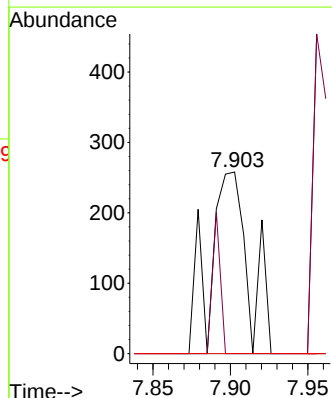
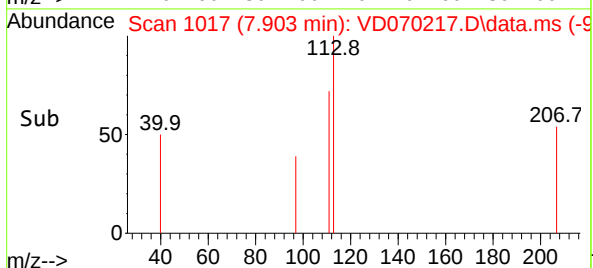
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 0.0 70.4 105.6#

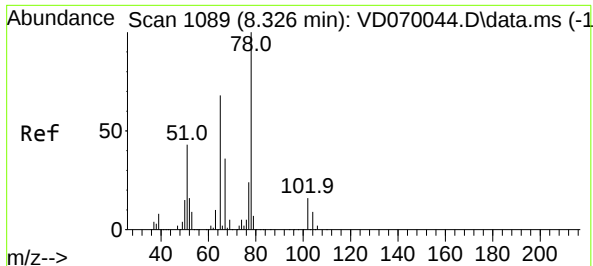


#32
1,1,1-Trichloroethane
Concen: 11.326 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00



Tgt Ion: 97 Resp: 453
Ion Ratio Lower Upper
97 100
99 15.7 52.4 78.6#
61 0.0 34.4 51.6#





#33

1,2-Dichloroethane-d4

Concen: 21.167 ug/l

RT: 8.314 min Scan# 1087

Delta R.T. -0.012 min

Lab File: VD070217.D

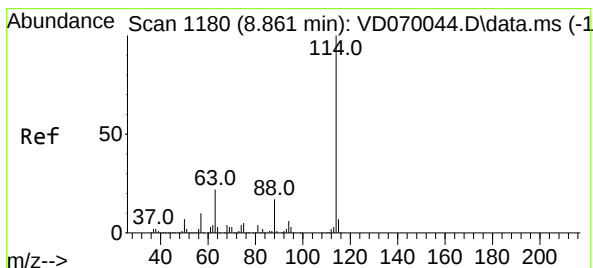
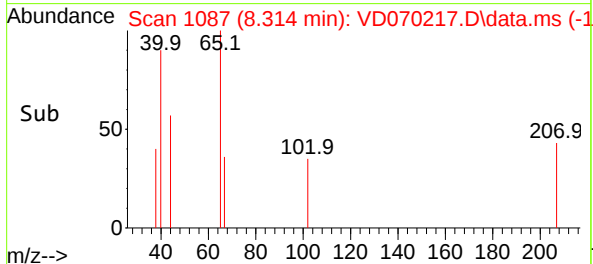
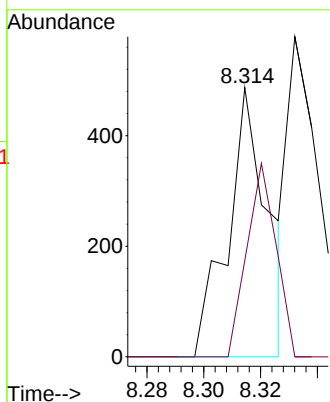
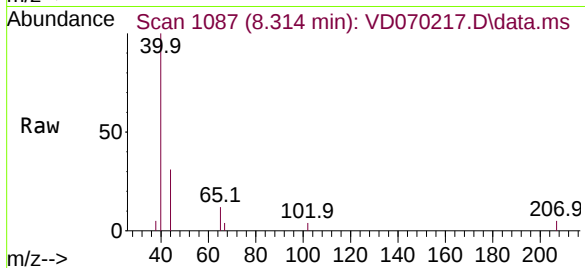
Acq: 23 Aug 2021 13:00

Tgt Ion: 65 Resp: 475

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

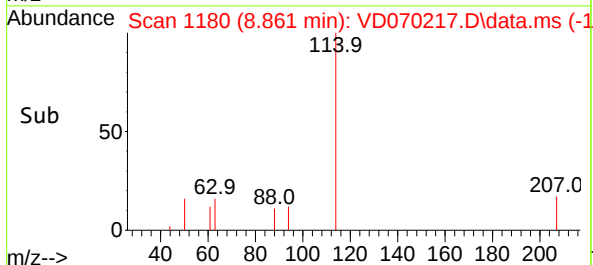
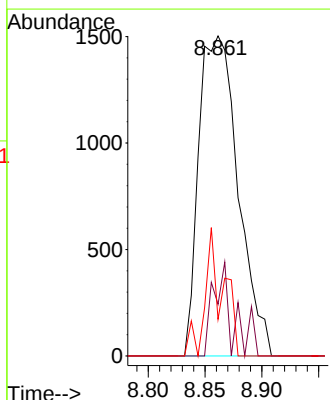
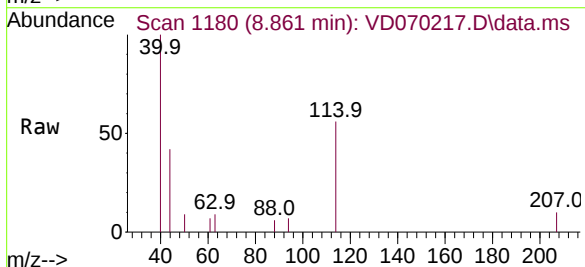
Tgt Ion: 114 Resp: 3628

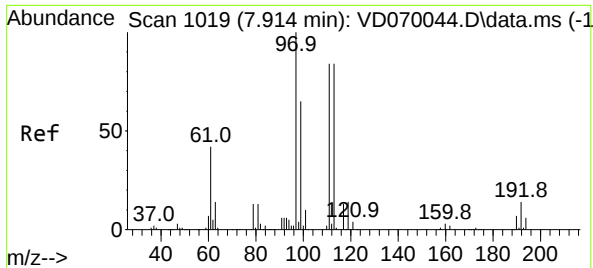
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.6

88 11.4 0.0 33.4

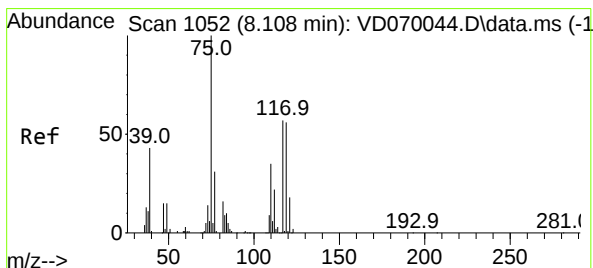
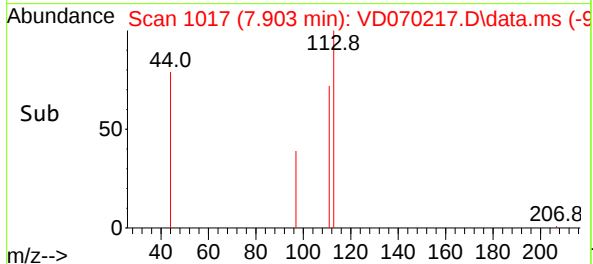
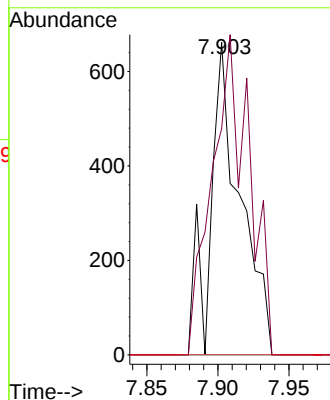
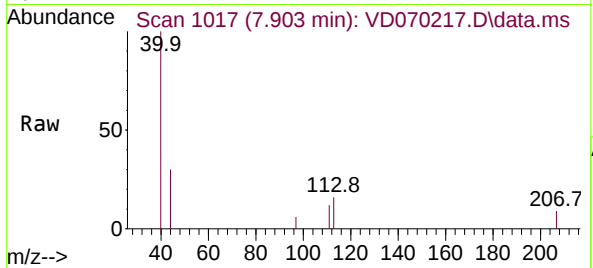




#35
Dibromofluoromethane
Concen: 41.426 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

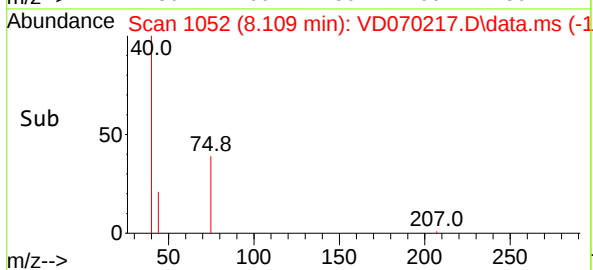
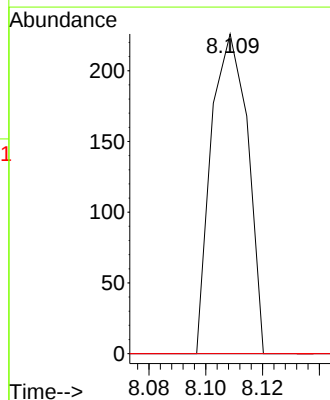
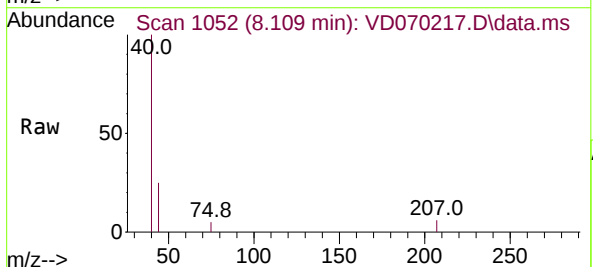
Instrument :
MSVOA_D
ClientSampleId :

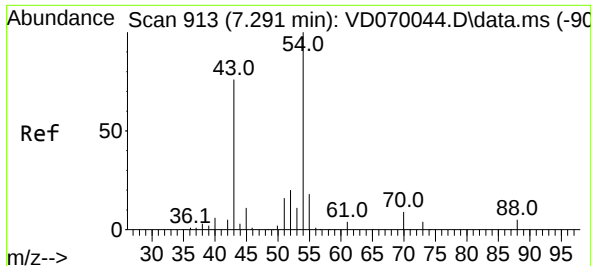
Tgt Ion:113 Resp: 971
Ion Ratio Lower Upper
113 100
111 127.1 81.8 122.6#
192 0.0 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 75 Resp: 202
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 4.303 ug/l

RT: 7.244 min Scan# 905

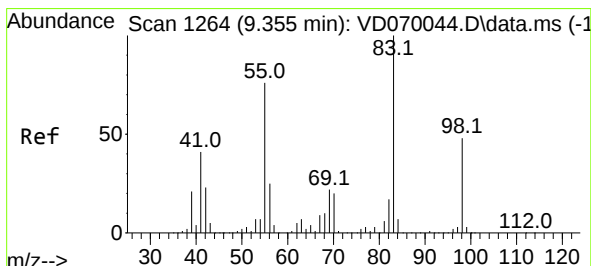
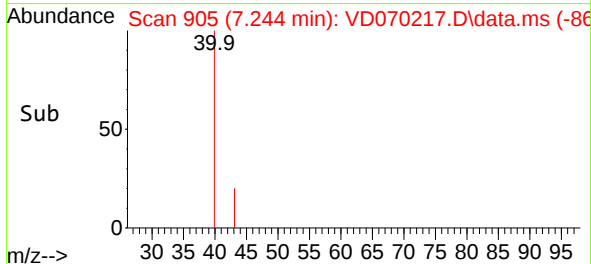
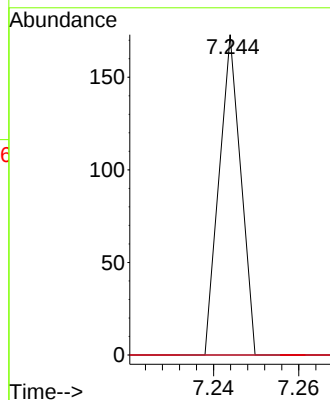
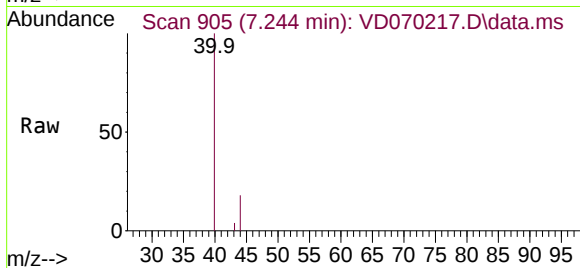
Delta R.T. -0.047 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43	Resp: 61
Ion Ratio	Lower Upper
43 100	
61 0.0	11.8 17.6#
70 0.0	9.0 13.6#



#39

Methylcyclohexane

Concen: 7.284 ug/l

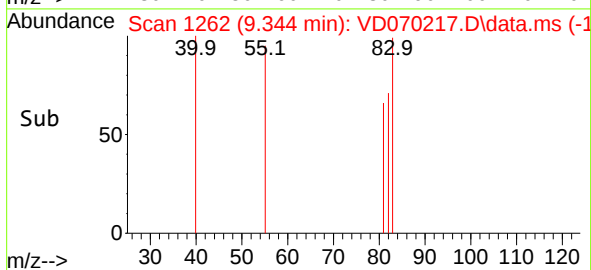
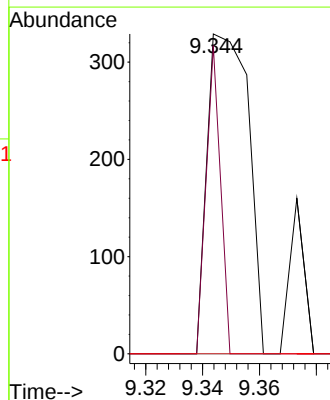
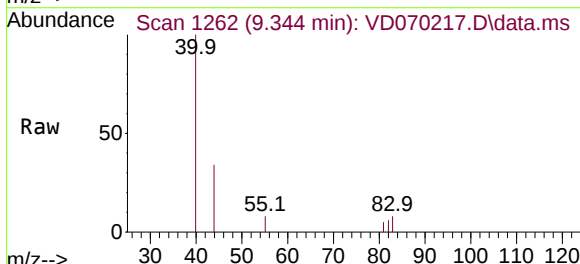
RT: 9.344 min Scan# 1262

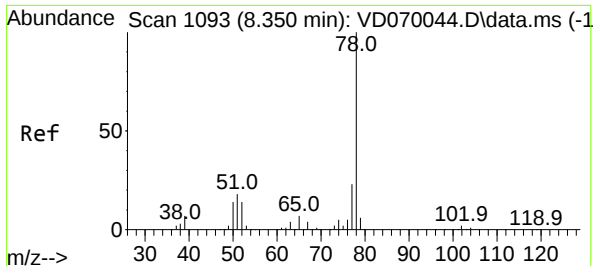
Delta R.T. -0.012 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion: 83	Resp: 331
Ion Ratio	Lower Upper
83 100	
55 96.4	60.7 91.1#
98 0.0	38.6 58.0#

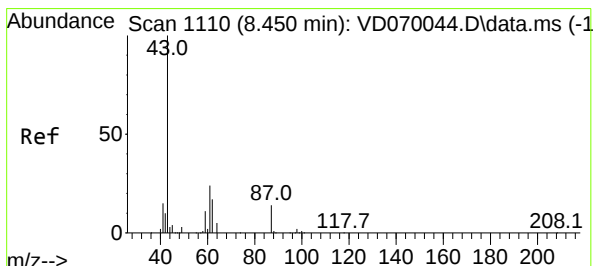
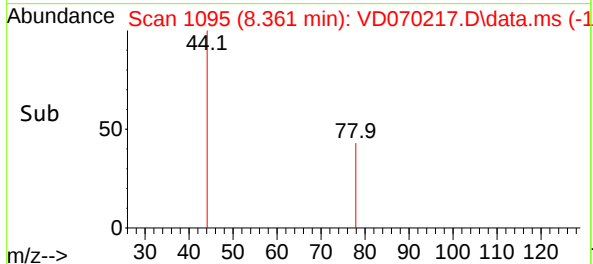
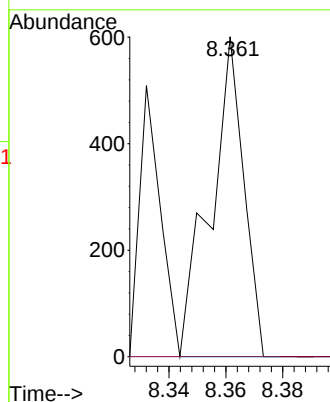
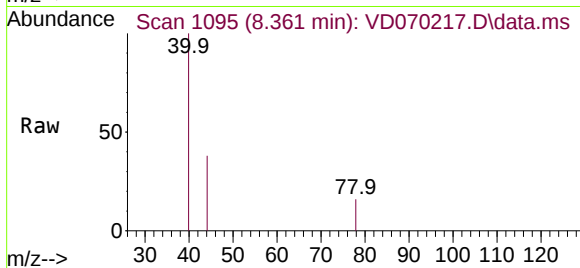




#40
Benzene
Concen: 4.320 ug/l
RT: 8.361 min Scan# 1095
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

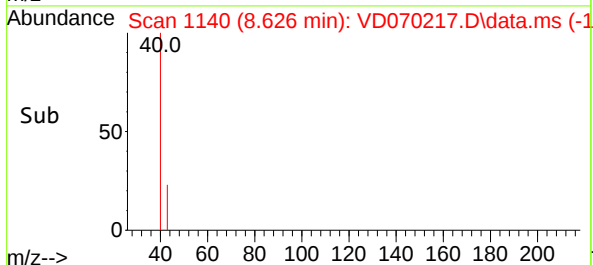
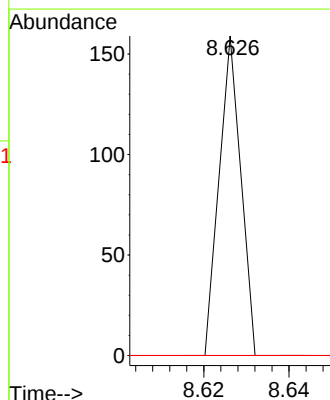
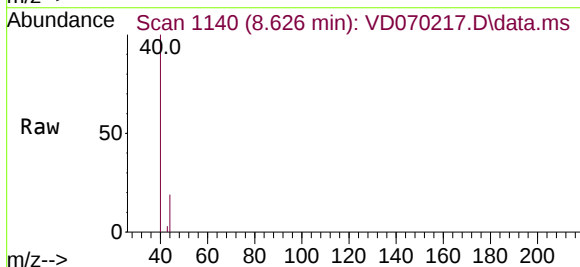
Instrument :
MSVOA_D
ClientSampleId :

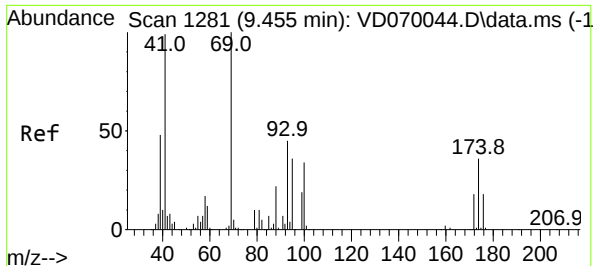
Tgt Ion: 78 Resp: 489
Ion Ratio Lower Upper
78 100
77 0.0 18.6 27.8#



#43
Isopropyl Acetate
Concen: 2.116 ug/l
RT: 8.626 min Scan# 1140
Delta R.T. 0.177 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

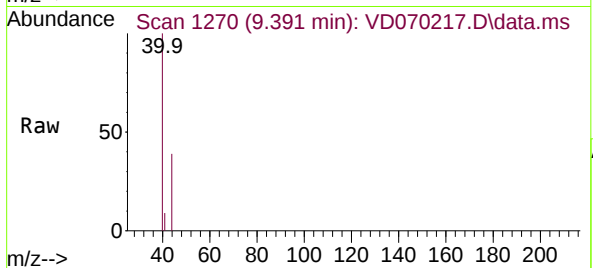
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
61 0.0 27.7 41.5#
87 0.0 11.5 17.3#



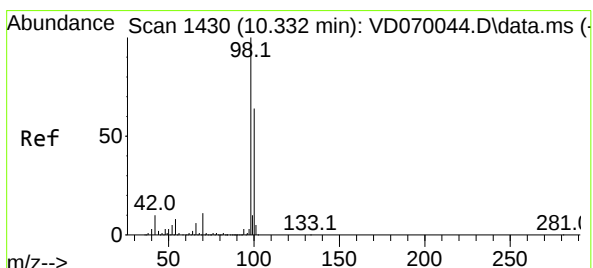
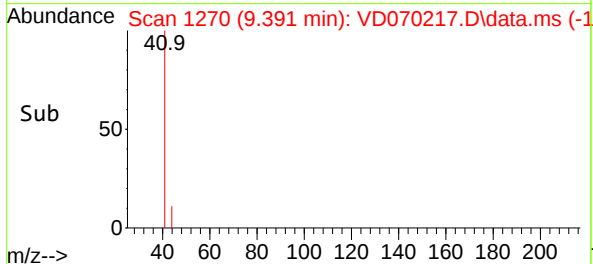
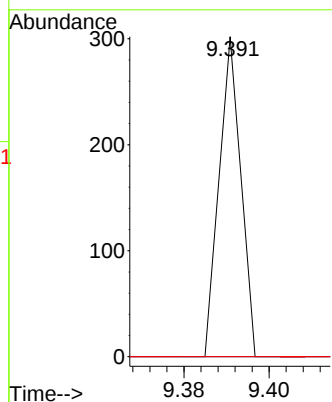


#48
Methyl methacrylate
Concen: 8.478 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.065 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampled :

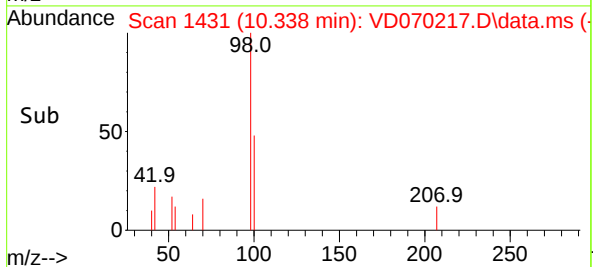
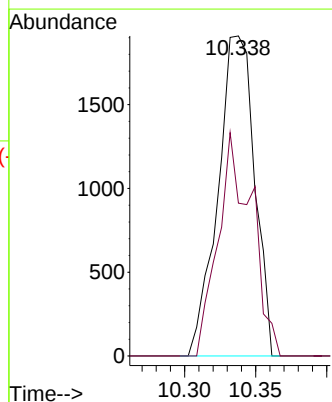
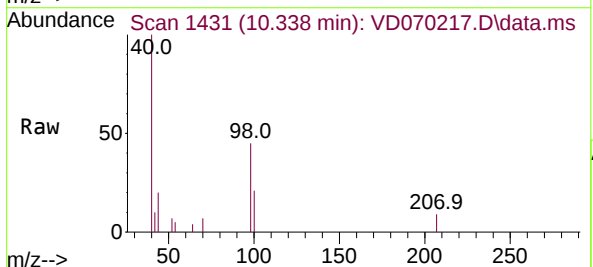


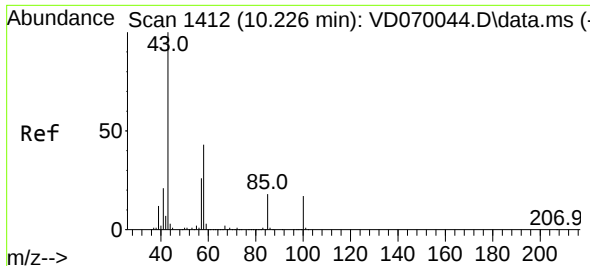
Tgt Ion: 41 Resp: 107
Ion Ratio Lower Upper
41 100
69 0.0 74.6 111.8#
39 0.0 35.9 53.9#



#50
Toluene-d8
Concen: 37.657 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 98 Resp: 3433
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

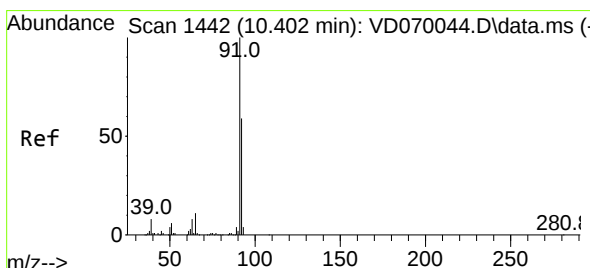
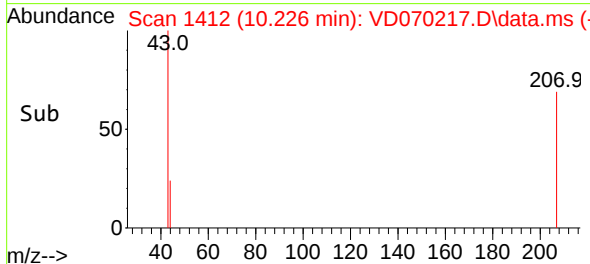
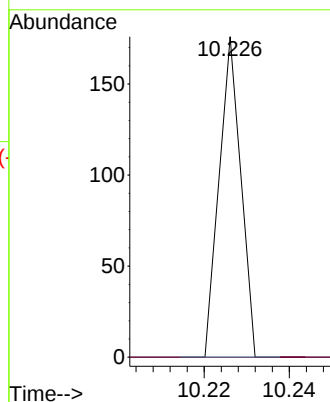
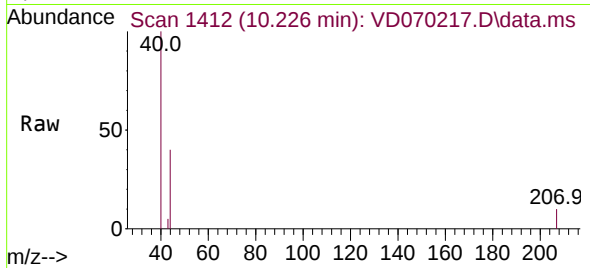




#51
4-Methyl-2-Pentanone
Concen: 4.505 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

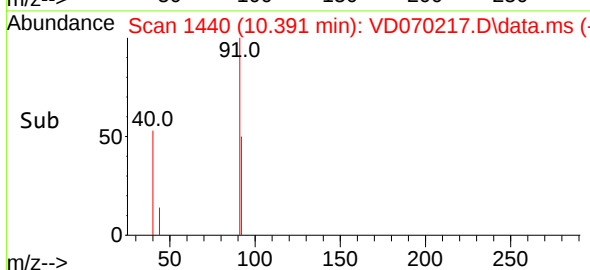
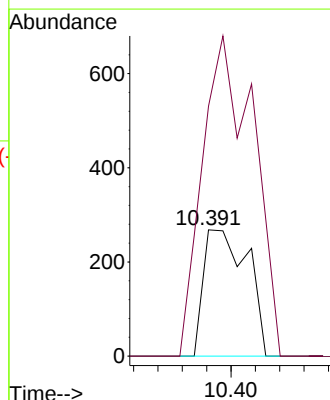
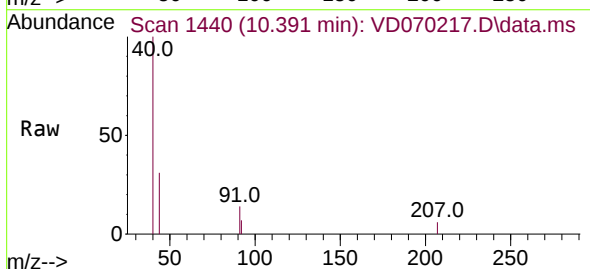
Instrument :
MSVOA_D
ClientSampled :

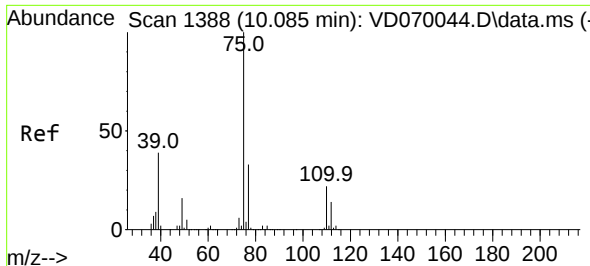
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 33.9 50.9#



#52
Toluene
Concen: 4.876 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 92 Resp: 336
Ion Ratio Lower Upper
92 100
91 294.0 137.2 205.8#

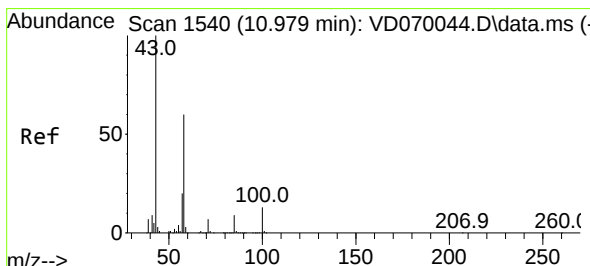
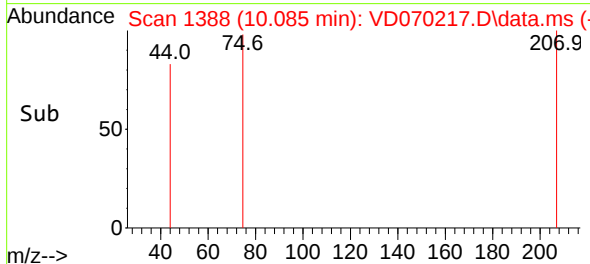
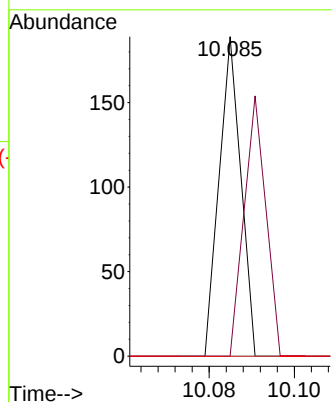
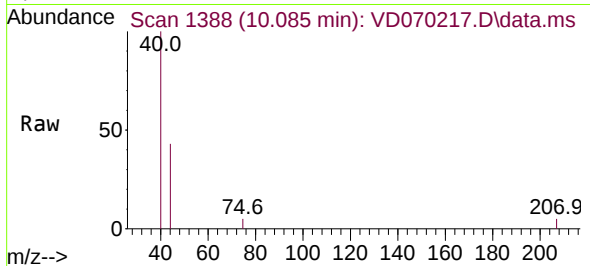




#54
cis-1,3-Dichloropropene
Concen: 1.687 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

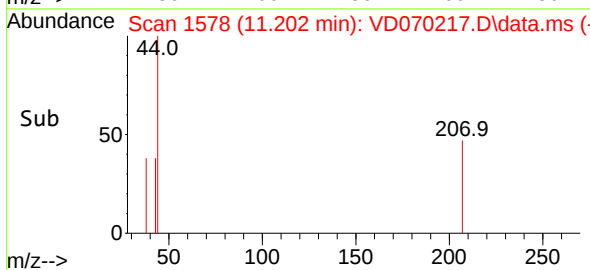
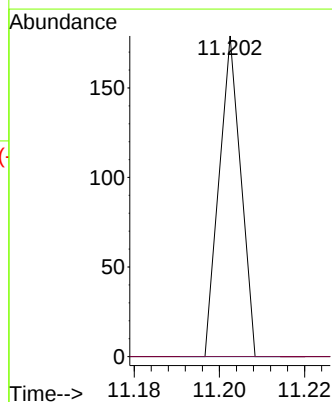
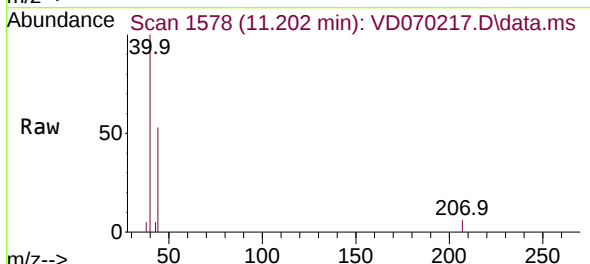
Instrument :
MSVOA_D
ClientSampled :

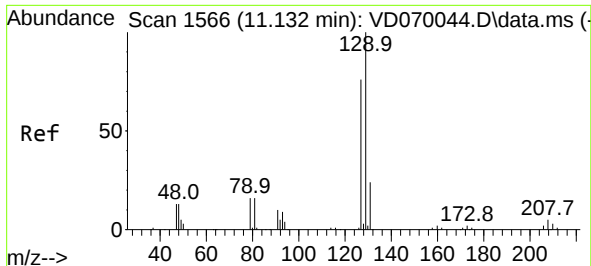
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 26.3 39.5#
39 0.0 31.4 47.2#



#59
2-Hexanone
Concen: 6.836 ug/l
RT: 11.202 min Scan# 1578
Delta R.T. 0.224 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 29.5 88.5#

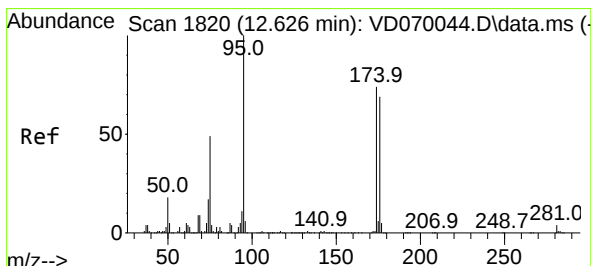
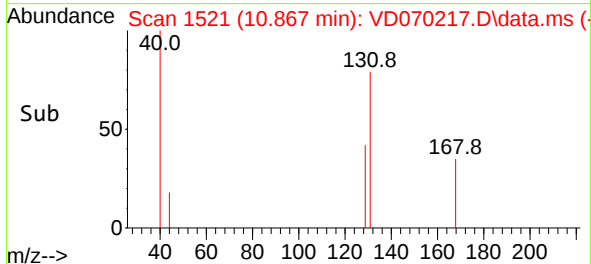
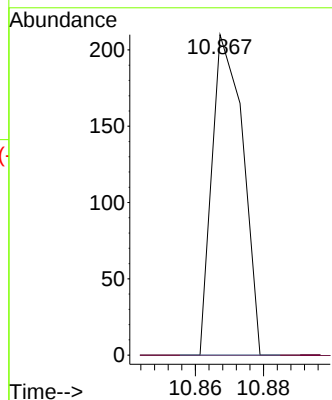
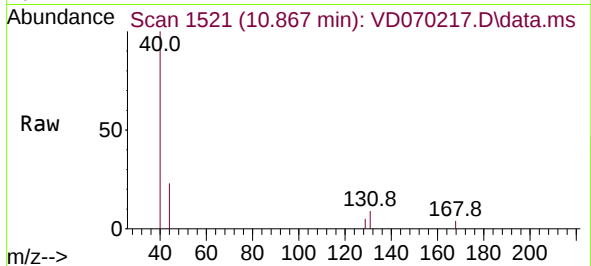




#60
Dibromochloromethane
Concen: 5.694 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.265 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

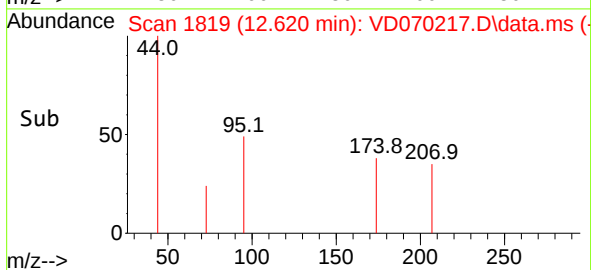
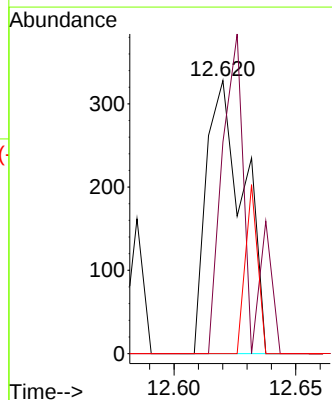
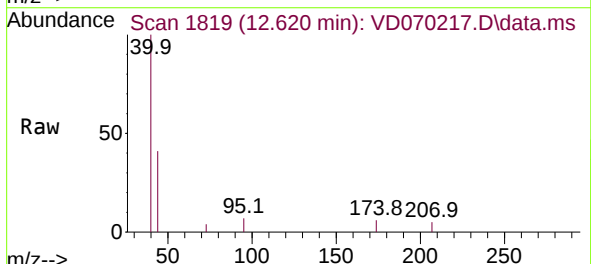
Instrument :
MSVOA_D
ClientSampleId :

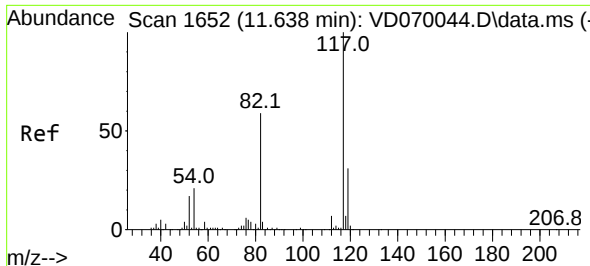
Tgt Ion:129 Resp: 132
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.2#



#62
4-Bromofluorobenzene
Concen: 11.623 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 95 Resp: 349
Ion Ratio Lower Upper
95 100
174 80.5 0.0 141.6
176 20.6 0.0 138.2

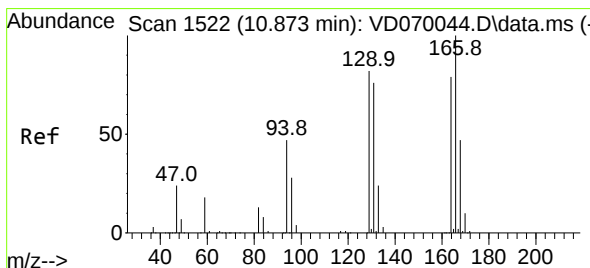
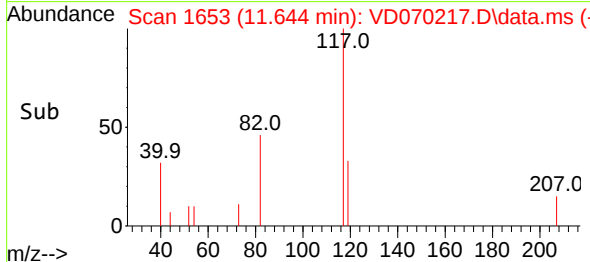
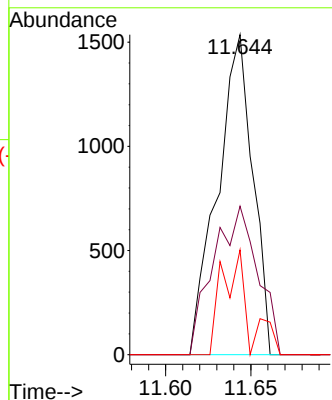
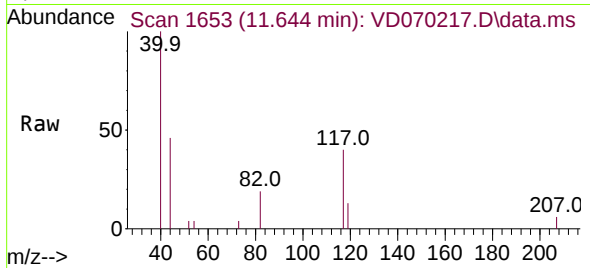




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

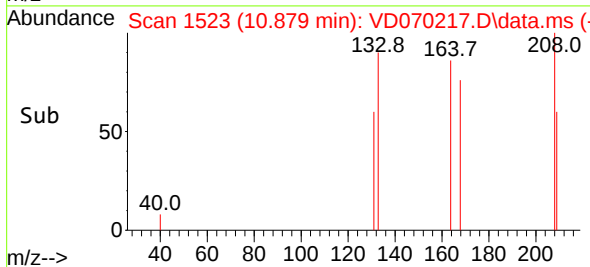
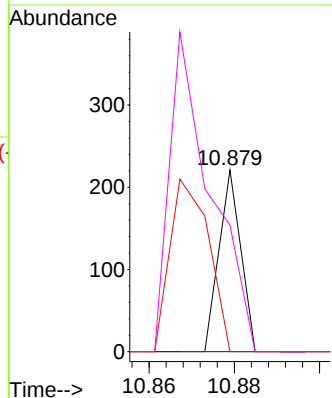
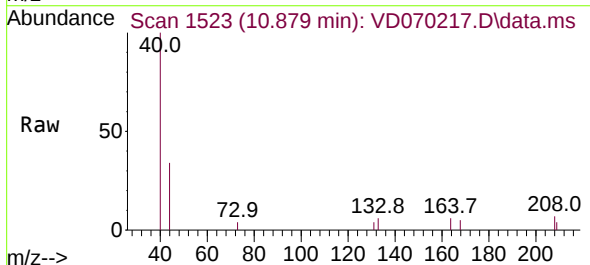
Instrument :
MSVOA_D
ClientSampled :

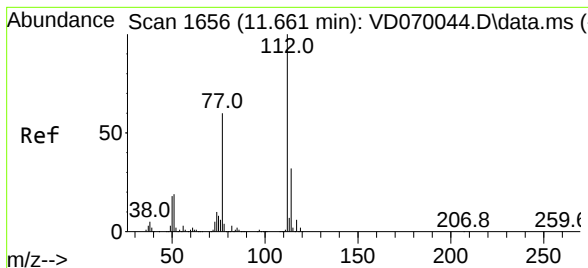
Tgt Ion:117 Resp: 2212
Ion Ratio Lower Upper
117 100
82 46.4 47.5 71.3#
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 5.466 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:164 Resp: 78
Ion Ratio Lower Upper
164 100
166 0.0 101.3 151.9#
129 0.0 82.9 124.3#
131 69.7 76.5 114.7#

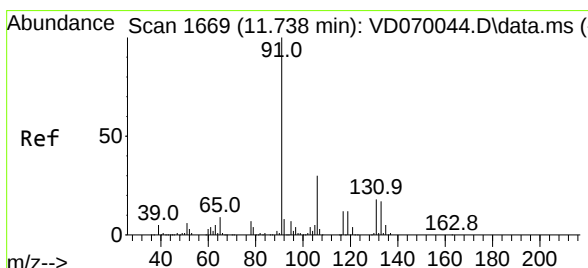
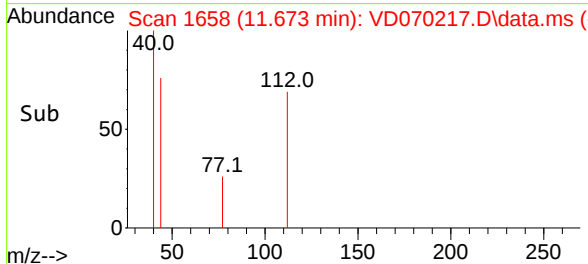
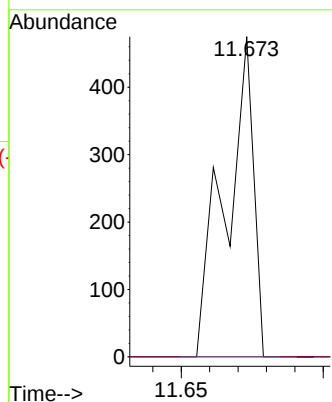
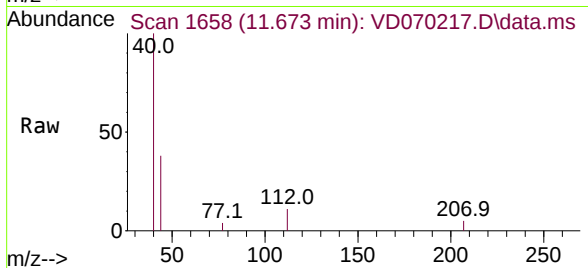




#65
Chlorobenzene
Concen: 7.032 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

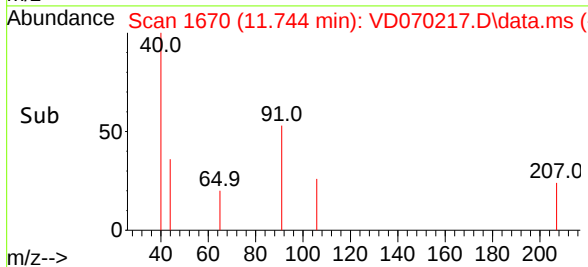
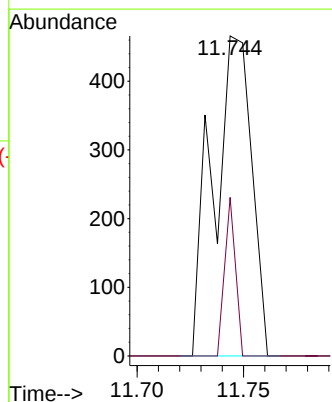
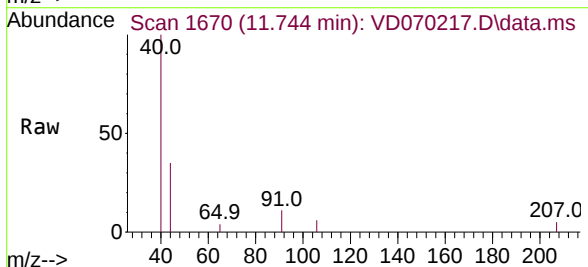
Instrument :
MSVOA_D
ClientSampled :

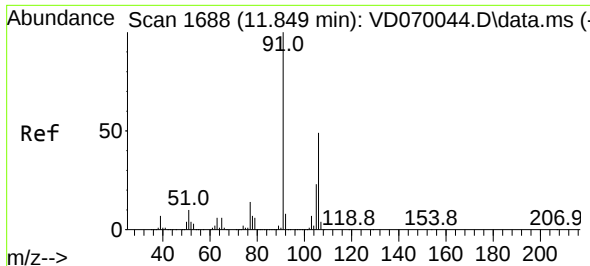
Tgt Ion:112 Resp: 325
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 7.171 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 91 Resp: 586
Ion Ratio Lower Upper
91 100
106 49.6 24.3 36.5#

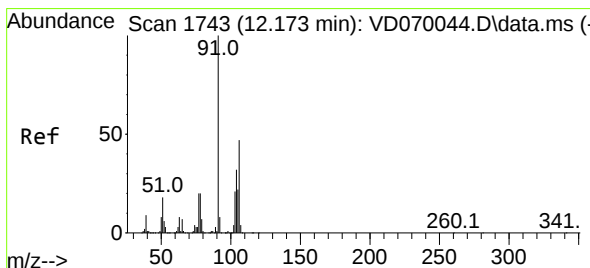
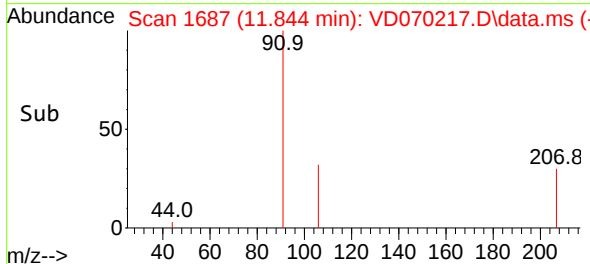
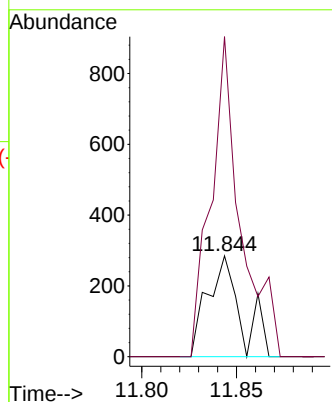
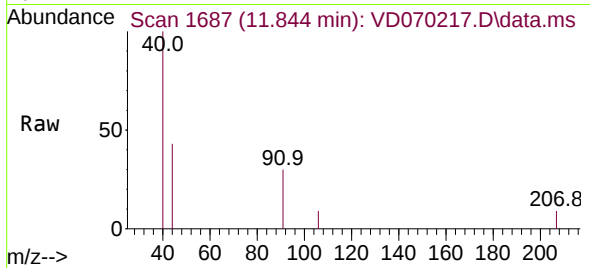




#68
m/p-Xylenes
Concen: 10.989 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

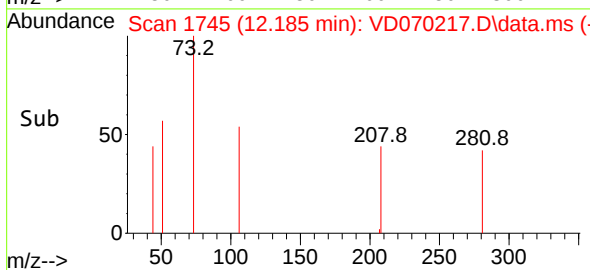
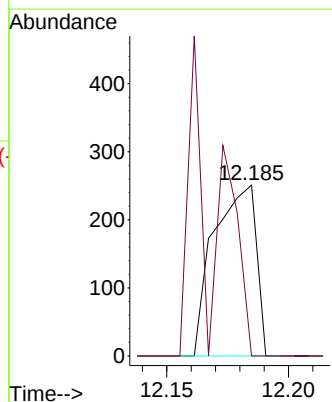
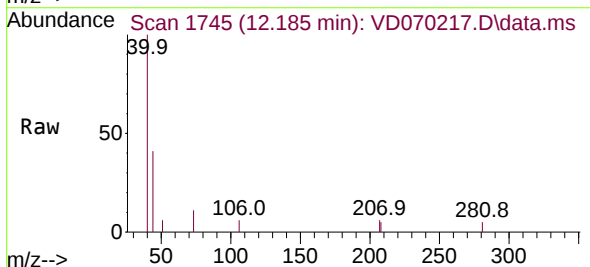
Instrument :
MSVOA_D
ClientSampleId :

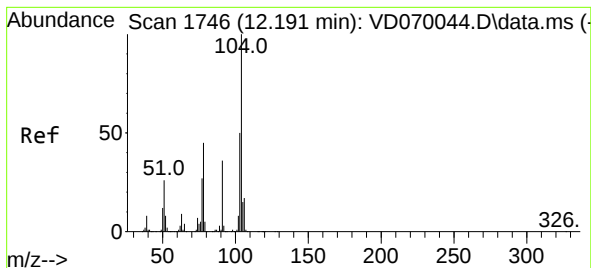
Tgt Ion:106 Resp: 348
Ion Ratio Lower Upper
106 100
91 283.0 164.6 246.8#



#69
o-Xylene
Concen: 10.569 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:106 Resp: 302
Ion Ratio Lower Upper
106 100
91 0.0 108.6 325.8#





#70

Styrene

Concen: 1.259 ug/l

RT: 12.449 min Scan# 1790

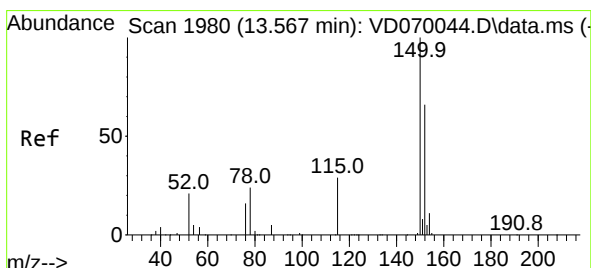
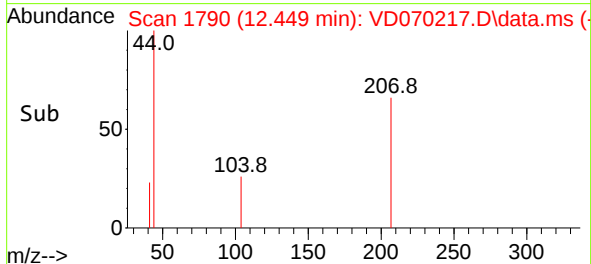
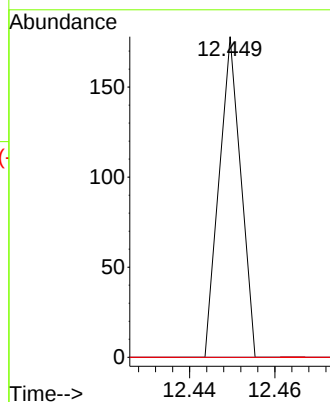
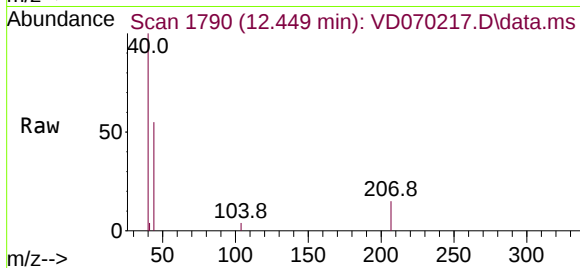
Delta R.T. 0.259 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion:104	Resp:	63
Ion Ratio	Lower	Upper
104	100	
78	0.0	39.7 59.5#
103	0.0	43.8 65.6#

Instrument :
MSVOA_D
ClientSampleId :



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

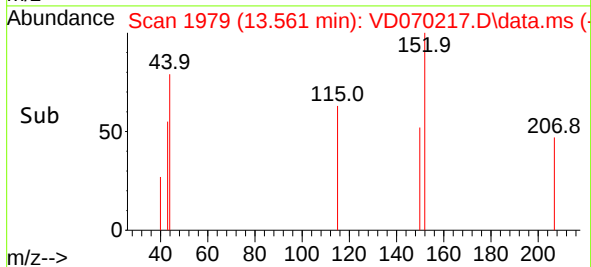
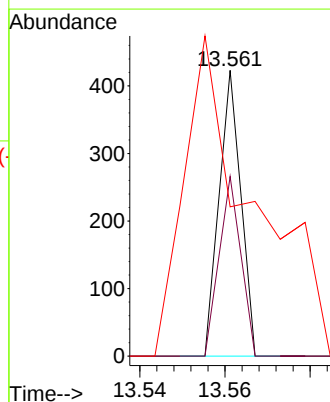
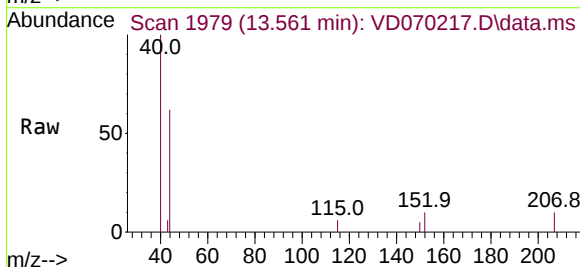
RT: 13.561 min Scan# 1979

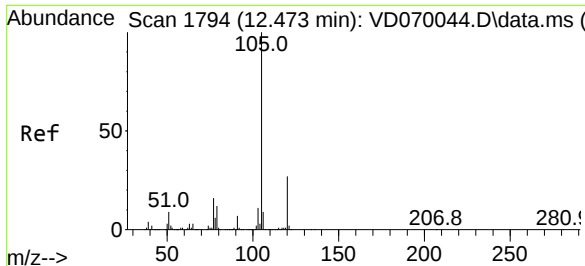
Delta R.T. -0.006 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

Tgt Ion:152	Resp:	149
Ion Ratio	Lower	Upper
152	100	
115	63.1	31.2 93.6
150	359.7	0.0 352.0#

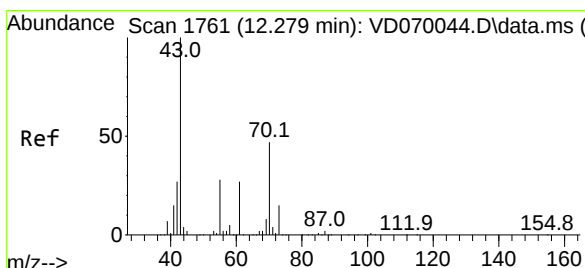
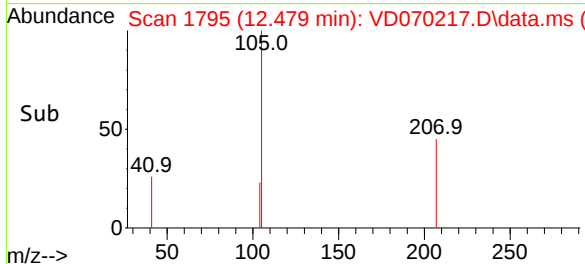
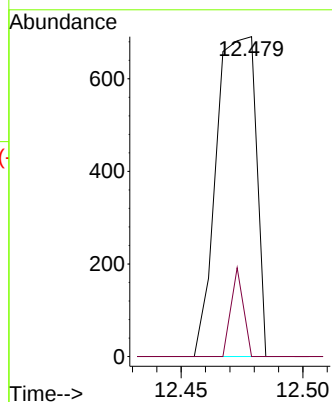
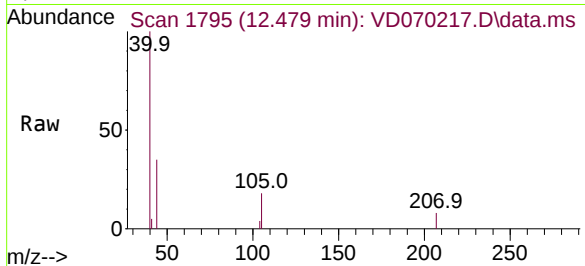




#73
Isopropylbenzene
Concen: 71.511 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

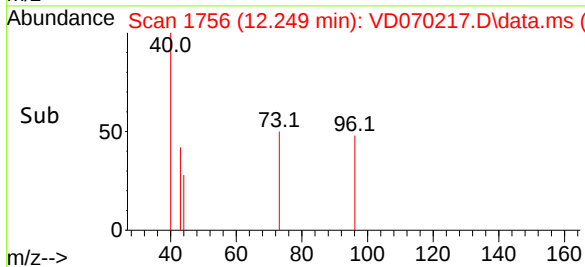
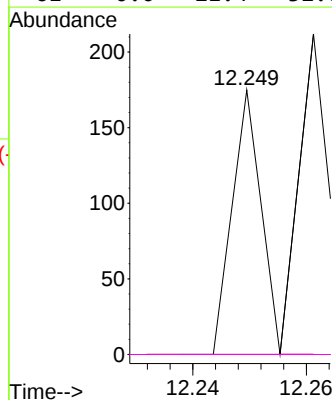
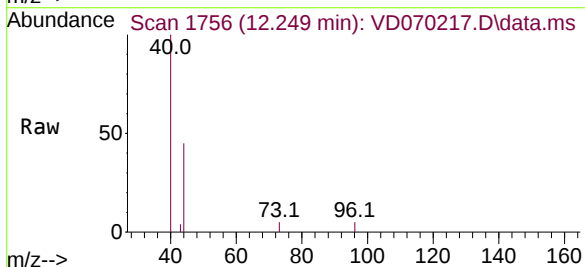
Instrument :
MSVOA_D
ClientSampleId :

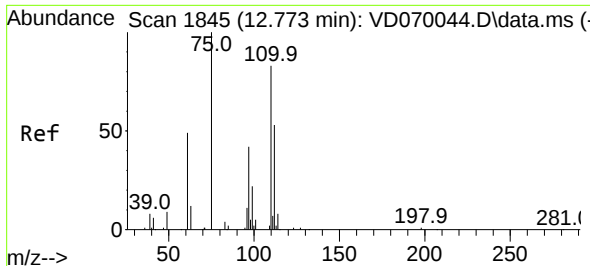
Tgt Ion:105 Resp: 777
Ion Ratio Lower Upper
105 100
120 8.8 13.3 39.8#



#74
N-ethyl acetate
Concen: 26.465 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.029 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
70 0.0 37.2 55.8#
55 0.0 22.9 34.3#
61 0.0 21.4 32.0#

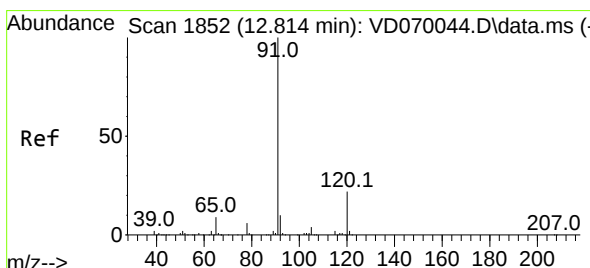
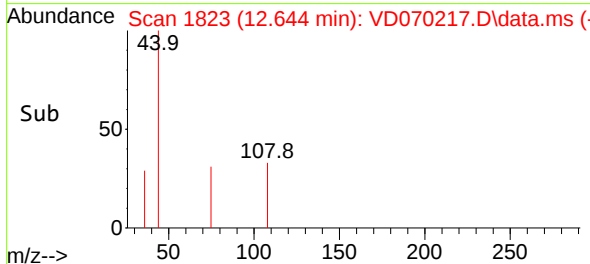
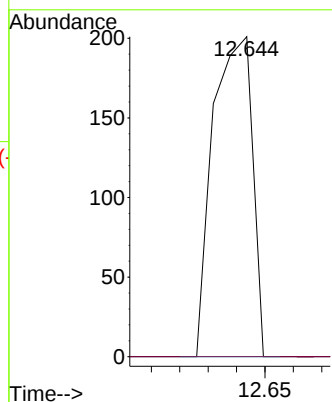
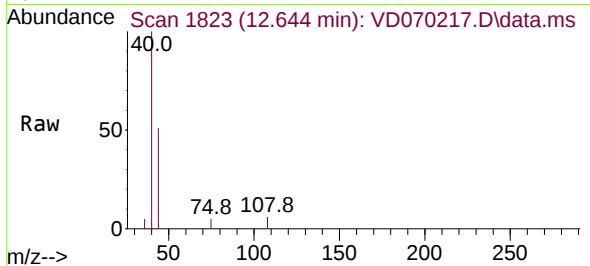




#76
1,2,3-Trichloropropane
Concen: 128.386 ug/l
RT: 12.644 min Scan# 1823
Delta R.T. -0.129 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

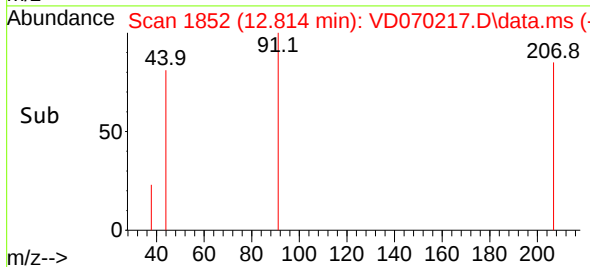
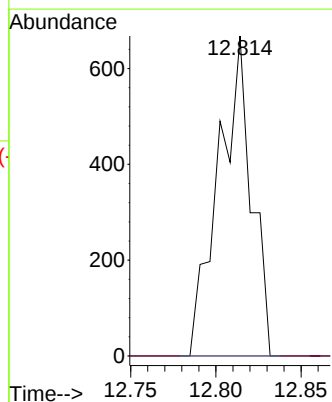
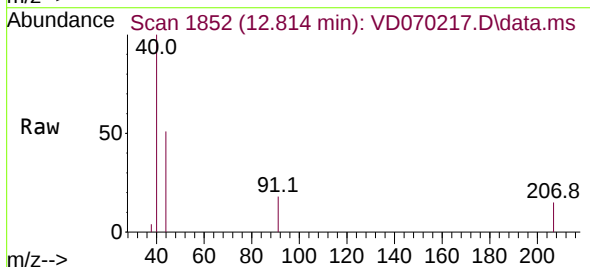
Instrument :
MSVOA_D
ClientSampled :

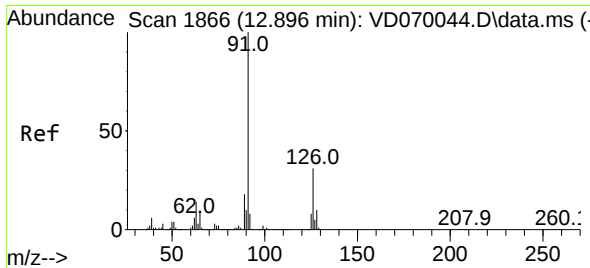
Tgt Ion: 75 Resp: 194
Ion Ratio Lower Upper
75 100
77 0.0 182.4 547.2#



#78
n-propylbenzene
Concen: 64.157 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion: 91 Resp: 899
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.9#

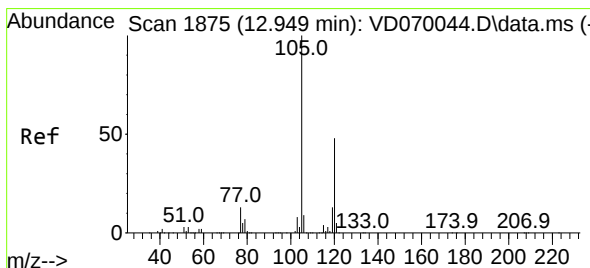
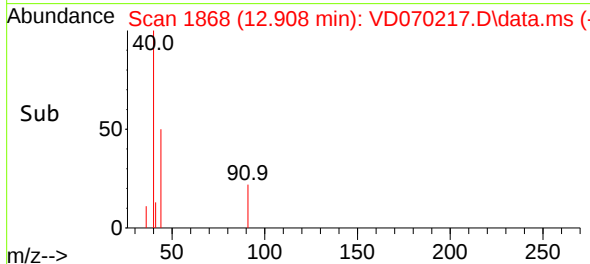
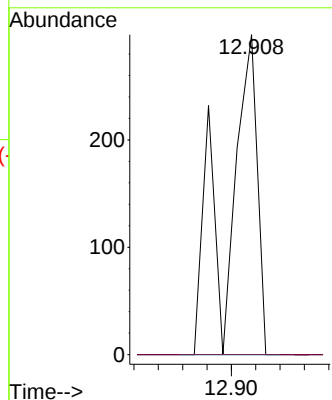
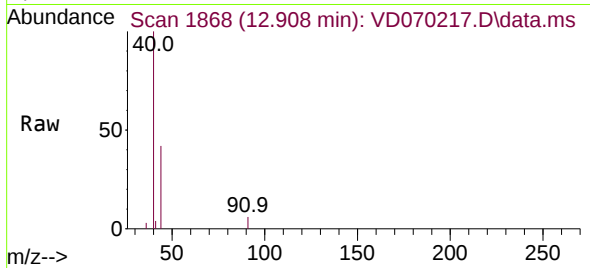




#79
2-Chlorotoluene
Concen: 31.630 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

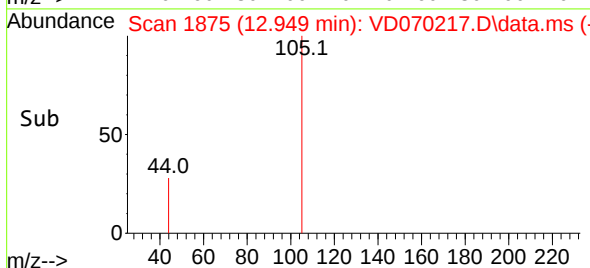
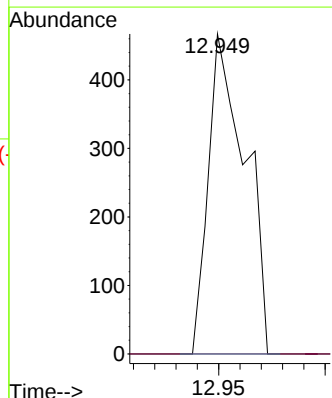
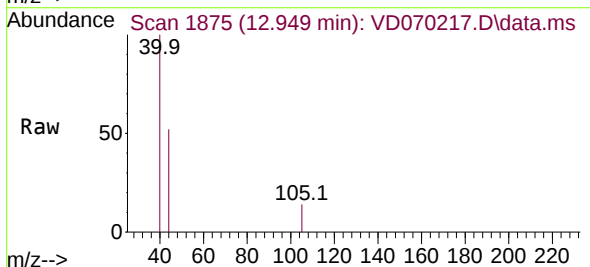
Instrument :
MSVOA_D
ClientSampled :

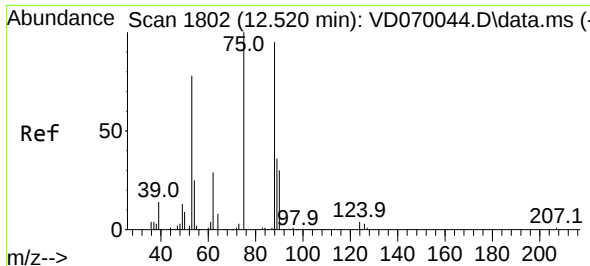
Tgt Ion: 91 Resp: 255
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#



#80
1,3,5-Trimethylbenzene
Concen: 60.647 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

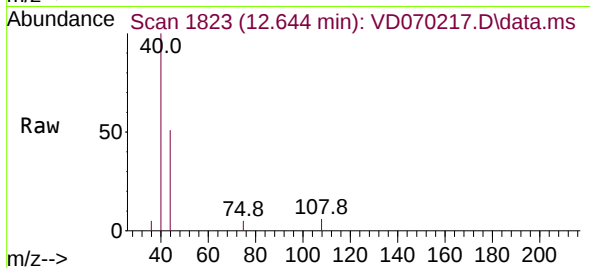
Tgt Ion: 105 Resp: 561
Ion Ratio Lower Upper
105 100
120 0.0 24.5 73.5#



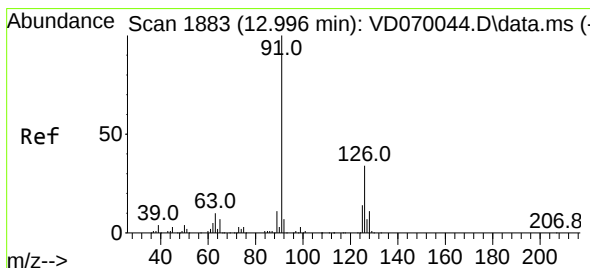
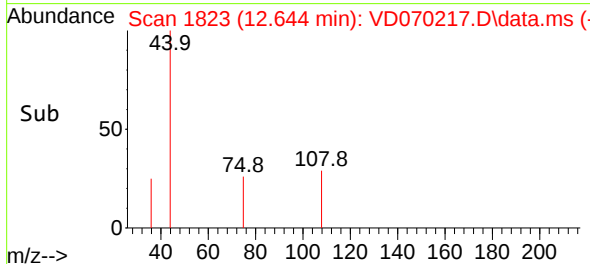
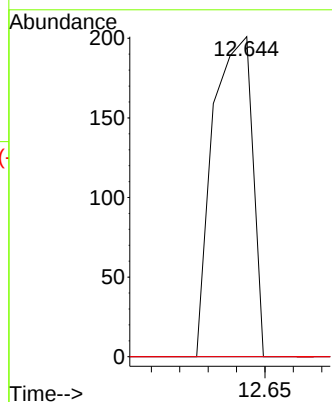


#81
trans-1,4-Dichloro-2-butene
Concen: 333.244 ug/l
RT: 12.644 min Scan# 1823
Delta R.T. 0.124 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampled :

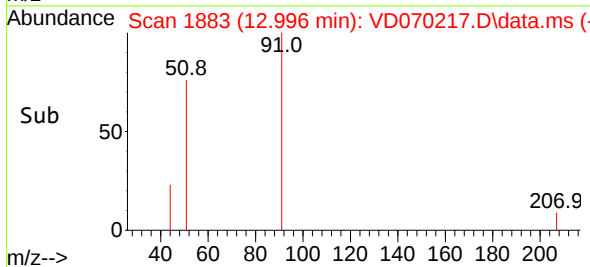
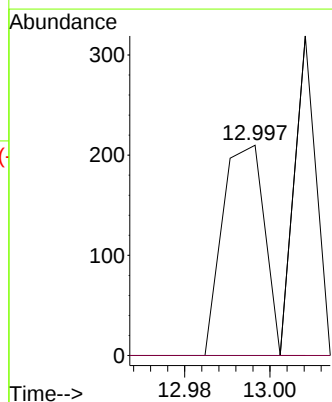
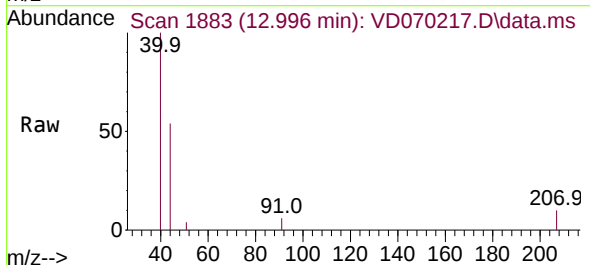


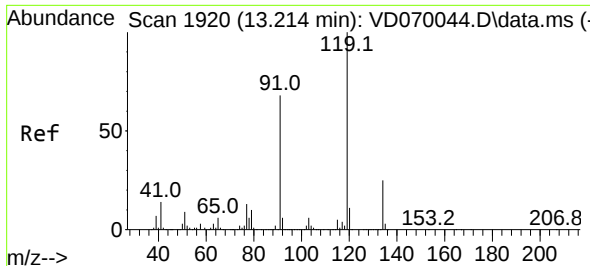
Tgt Ion: 75 Resp: 194
Ion Ratio Lower Upper
75 100
53 0.0 64.5 96.7#
89 0.0 33.7 50.5#



#82
4-Chlorotoluene
Concen: 17.058 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

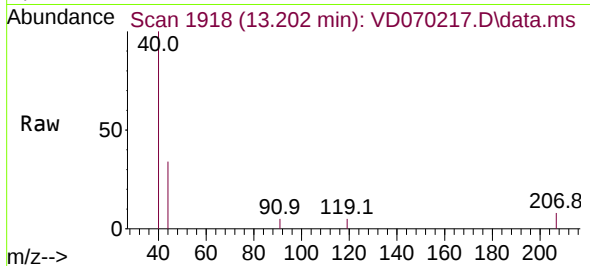
Tgt Ion: 91 Resp: 144
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



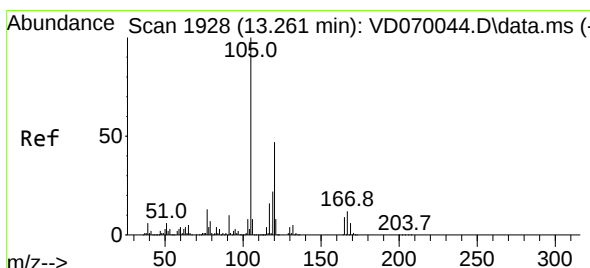
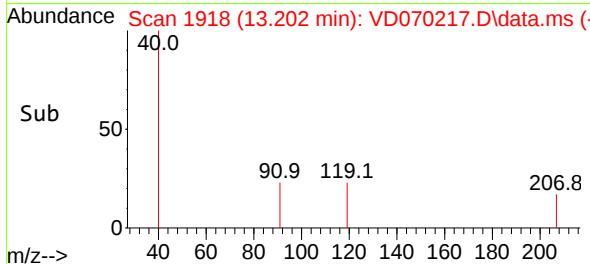
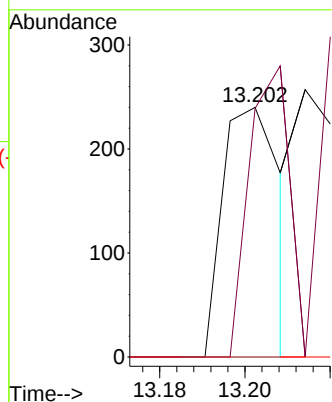


#83
tert-Butylbenzene
Concen: 30.192 ug/l
RT: 13.202 min Scan# 1918
Delta R.T. -0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :

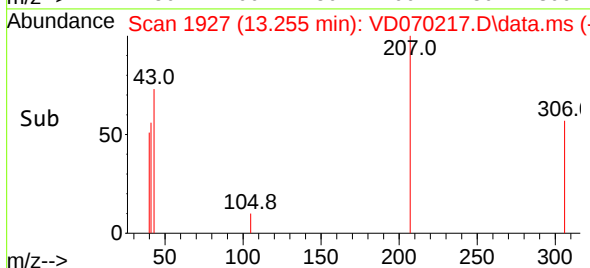
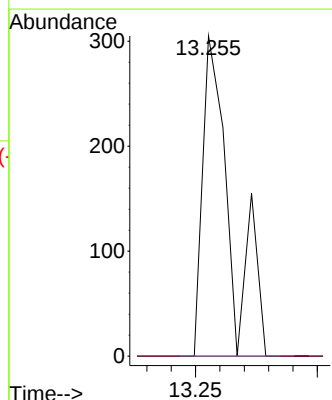
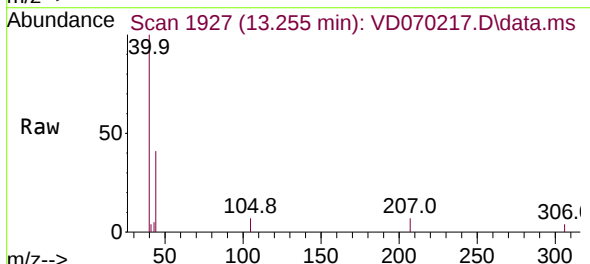


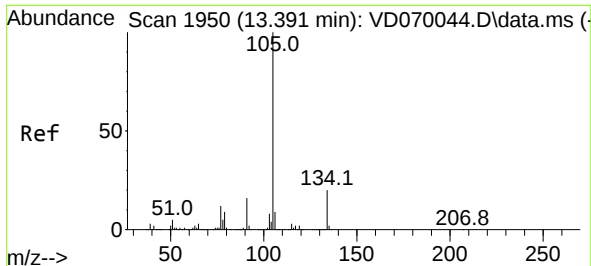
Tgt Ion:119 Resp: 227
Ion Ratio Lower Upper
119 100
91 80.6 34.0 101.8
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 26.046 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:105 Resp: 239
Ion Ratio Lower Upper
105 100
120 0.0 22.5 67.5#

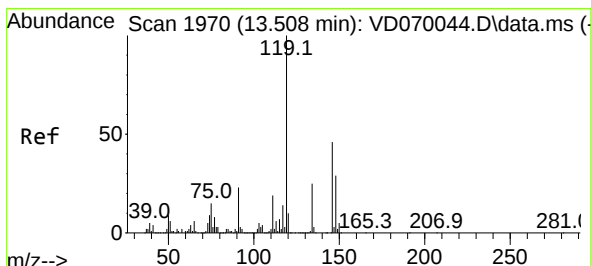
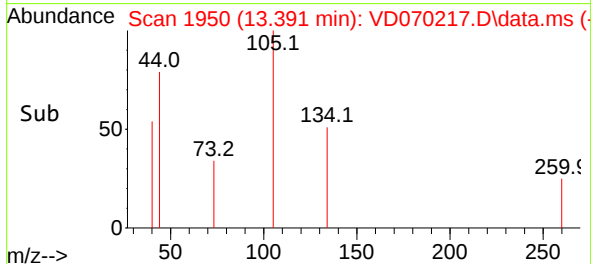
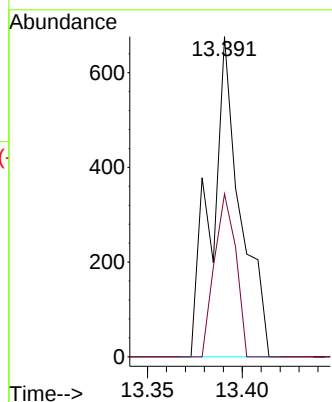
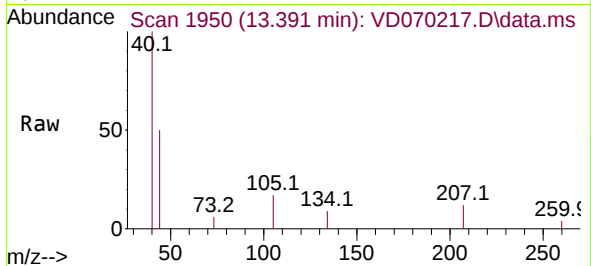




#85
 sec-Butylbenzene
 Concen: 59.521 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070217.D
 Acq: 23 Aug 2021 13:00

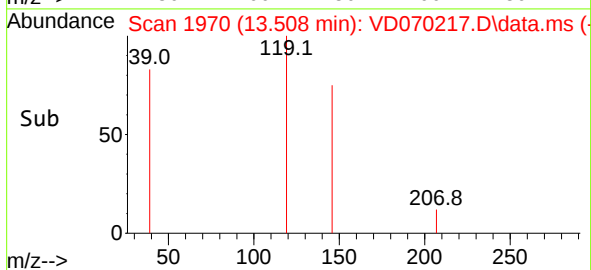
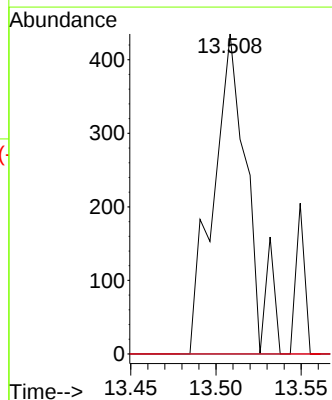
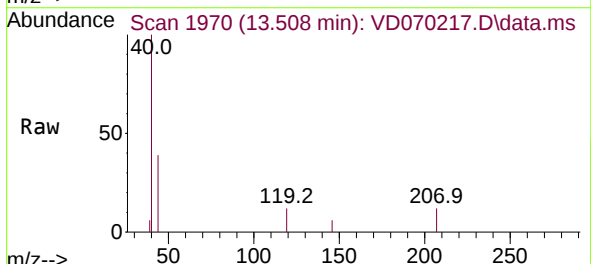
Instrument :
 MSVOA_D
 ClientSampleId :

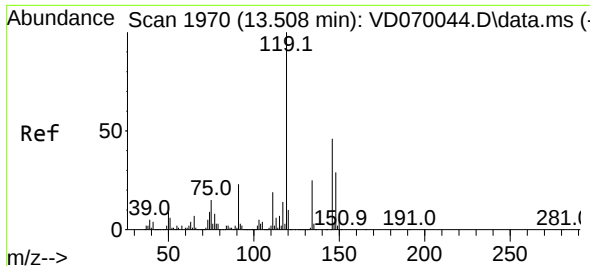
Tgt Ion:105 Resp: 717
 Ion Ratio Lower Upper
 105 100
 134 37.7 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 63.809 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD070217.D
 Acq: 23 Aug 2021 13:00

Tgt Ion:119 Resp: 621
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 11.6 34.8#

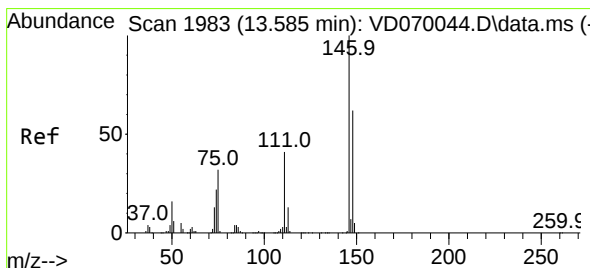
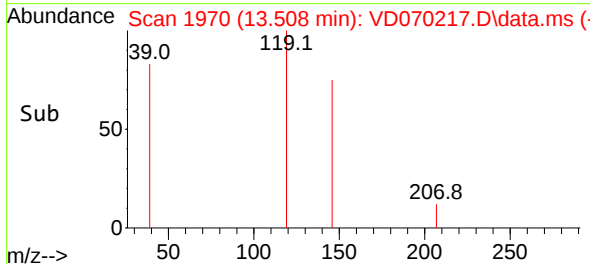
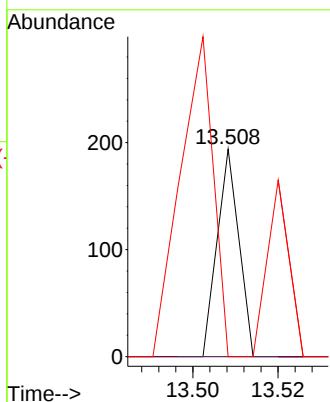
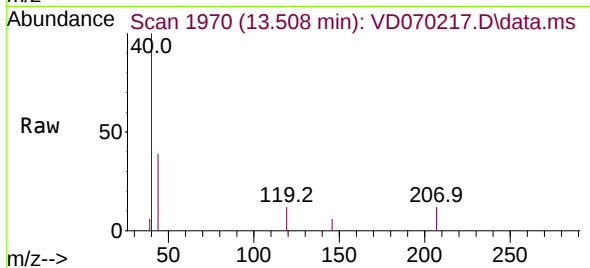




#87
1,3-Dichlorobenzene
Concen: 13.271 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

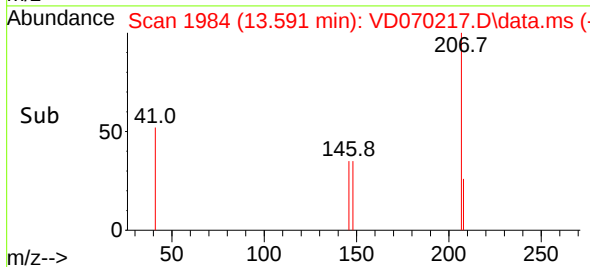
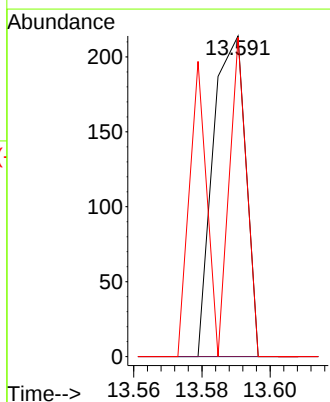
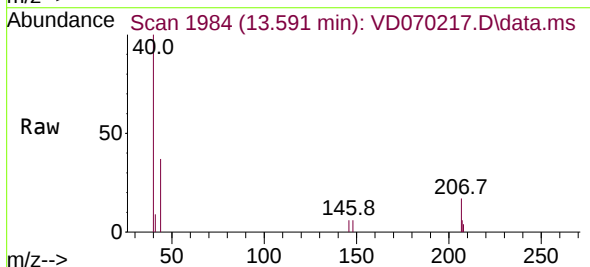
Instrument :
MSVOA_D
ClientSampleId :

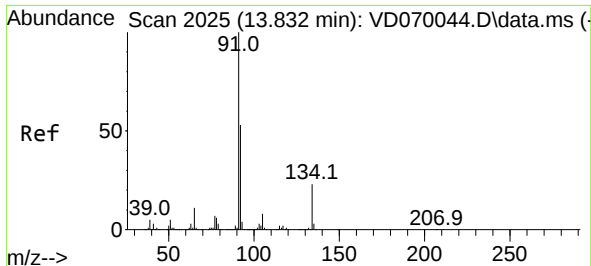
Tgt Ion:146 Resp: 68
Ion Ratio Lower Upper
146 100
111 0.0 21.3 64.0#
148 236.8 31.8 95.4#



#88
1,4-Dichlorobenzene
Concen: 27.782 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:146 Resp: 141
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.8#
148 102.8 31.3 93.9#





#89

n-Butylbenzene

Concen: 53.926 ug/l

RT: 13.838 min Scan# 2026

Delta R.T. 0.006 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

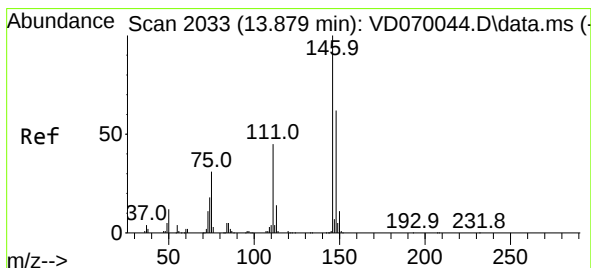
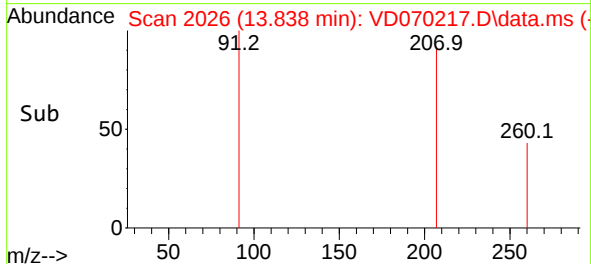
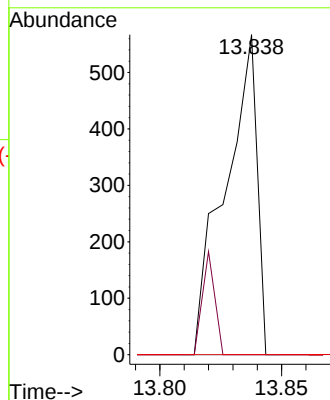
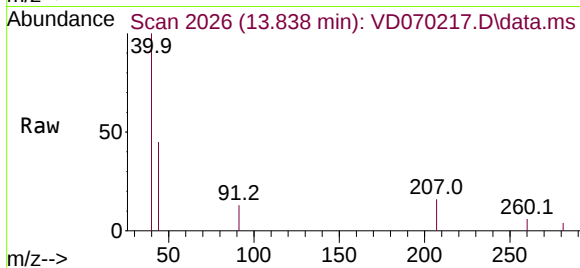
Tgt Ion: 91 Resp: 515

Ion Ratio Lower Upper

91 100

92 12.6 27.1 81.3#

134 0.0 11.8 35.3#



#91

1,2-Dichlorobenzene

Concen: 12.299 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD070217.D

Acq: 23 Aug 2021 13:00

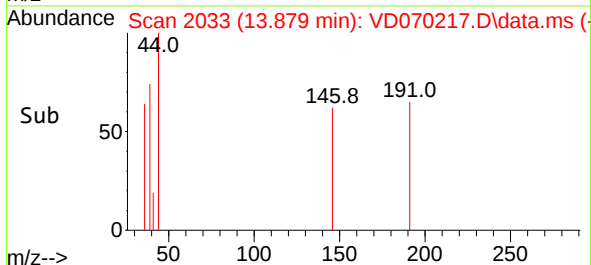
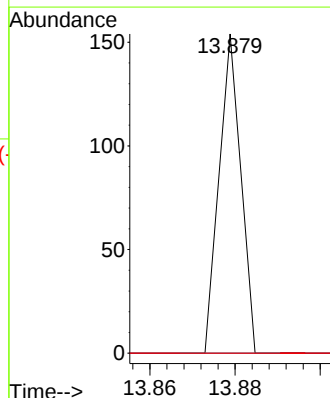
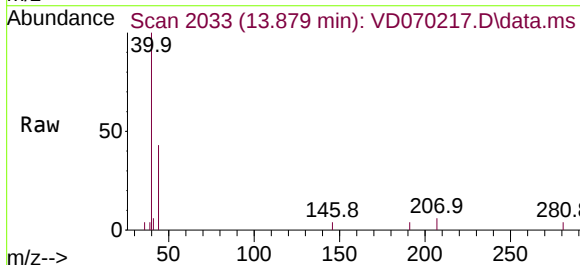
Tgt Ion: 146 Resp: 54

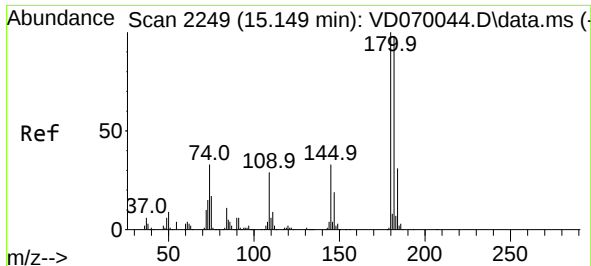
Ion Ratio Lower Upper

146 100

111 0.0 22.4 67.2#

148 0.0 31.8 95.4#

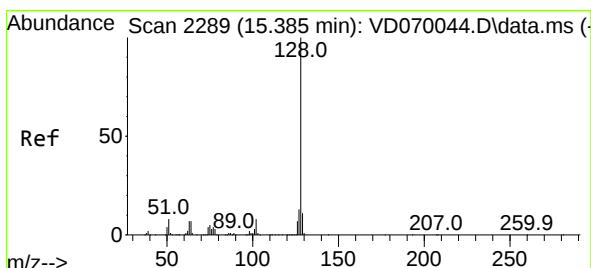
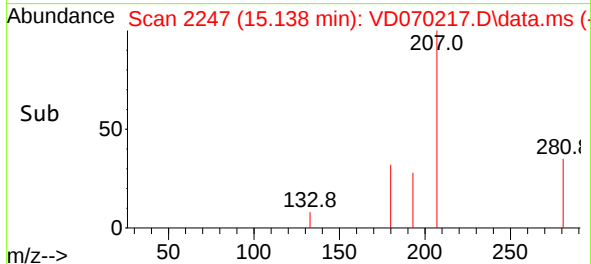
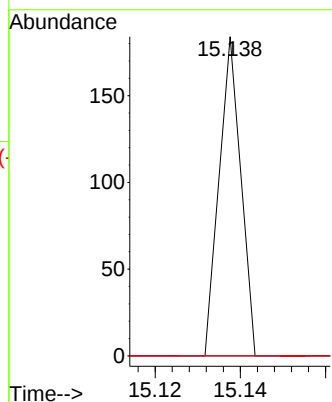
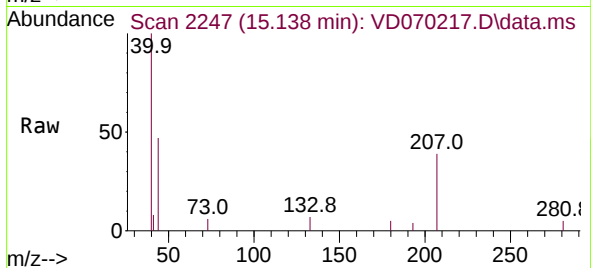




#93
1,2,4-Trichlorobenzene
Concen: 26.621 ug/l
RT: 15.138 min Scan# 2247
Delta R.T. -0.012 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:180 Resp: 65
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 16.3 48.9#



#95
Naphthalene
Concen: 64.134 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070217.D
Acq: 23 Aug 2021 13:00

Tgt Ion:128 Resp: 285
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.3 12.5#

