

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\Not reviewed data\
 Data File : VD073512.D
 Acq On : 09 Jun 2022 16:21
 Operator : VA/SY
 Sample : N3209-14
 Misc : 6.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 10 17:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	184383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	401933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	331918	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	331098	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	122482	61.901	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.800%
35) Dibromofluoromethane	7.908	113	114747	44.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.800%
50) Toluene-d8	10.355	98	12578497	1287.196	ug/l	0.02
Spiked Amount	50.000	Range	49 - 140	Recovery	=	2574.400%#
62) 4-Bromofluorobenzene	12.620	95	2853871	804.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1608.940%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	756	4.477	ug/l #	54
11) Tert butyl alcohol	5.220	59	695	Below Cal	#	74
13) Acrolein	3.879	56	21676	248.727	ug/l #	1
14) Allyl chloride	4.797	41	260834	97.386	ug/l #	62
15) Acrylonitrile	5.491	53	1540597	3618.312	ug/l #	39
16) Acetone	4.138	43	1805997	5183.729	ug/l #	70
17) Carbon Disulfide	4.402	76	79329	13.911	ug/l	98
18) Methyl Acetate	4.797	43	236214	235.291	ug/l #	56
19) Methyl tert-butyl Ether	5.485	73	5245	1.222	ug/l #	1
23) Vinyl Acetate	6.338	43	24415	7.787	ug/l #	86
25) 2-Butanone	7.202	43	1359130	2651.283	ug/l #	63
29) Tetrahydrofuran	7.561	42	11184	34.200	ug/l #	38
30) Chloroform	7.673	83	200172	50.571	ug/l #	22
31) Cyclohexane	7.985	56	11400579	3420.317	ug/l #	96
36) 1,1-Dichloropropene	8.079	75	7386	1.903	ug/l #	1
37) Ethyl Acetate	7.202	43	1359130	866.776	ug/l #	75
39) Methylcyclohexane	9.490	83	980907	216.839	ug/l	89
40) Benzene	8.349	78	53671	4.753	ug/l	95
41) Methacrylonitrile	7.561	41	110535	130.025	ug/l #	57
42) 1,2-Dichloroethane	8.473	62	130060	41.661	ug/l #	1
43) Isopropyl Acetate	8.461	43	11149799	3695.812	ug/l #	54
45) 1,2-Dichloropropane	9.396	63	1215798	434.644	ug/l #	1
46) Dibromomethane	9.438	93	17178	10.901	ug/l #	1
47) Bromodichloromethane	9.637	83	1563541	395.988	ug/l #	59
48) Methyl methacrylate	9.543	41	6415991	4293.322	ug/l #	42
49) 1,4-Dioxane	9.479	88	55	3.035	ug/l #	21
51) 4-Methyl-2-Pentanone	10.285	43	539226	353.235	ug/l	98
52) Toluene	10.402	92	51251	7.077	ug/l #	1
54) cis-1,3-Dichloropropene	10.114	75	13184	3.040	ug/l #	1
55) 1,1,2-Trichloroethane	10.773	97	20851796	9278.237	ug/l #	23
56) Ethyl methacrylate	10.643	69	4310168	1673.915	ug/l #	18
57) 1,3-Dichloropropane	10.955	76	5077	1.387	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.926	63	29938	28.279	ug/l #	48
59) 2-Hexanone	10.955	43	24528910	23462.680	ug/l #	34
60) Dibromochloromethane	11.361	129	46732	16.848	ug/l	81
61) 1,2-Dibromoethane	11.255	107	30213	14.109	ug/l #	3

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 Response via : Initial Calibration

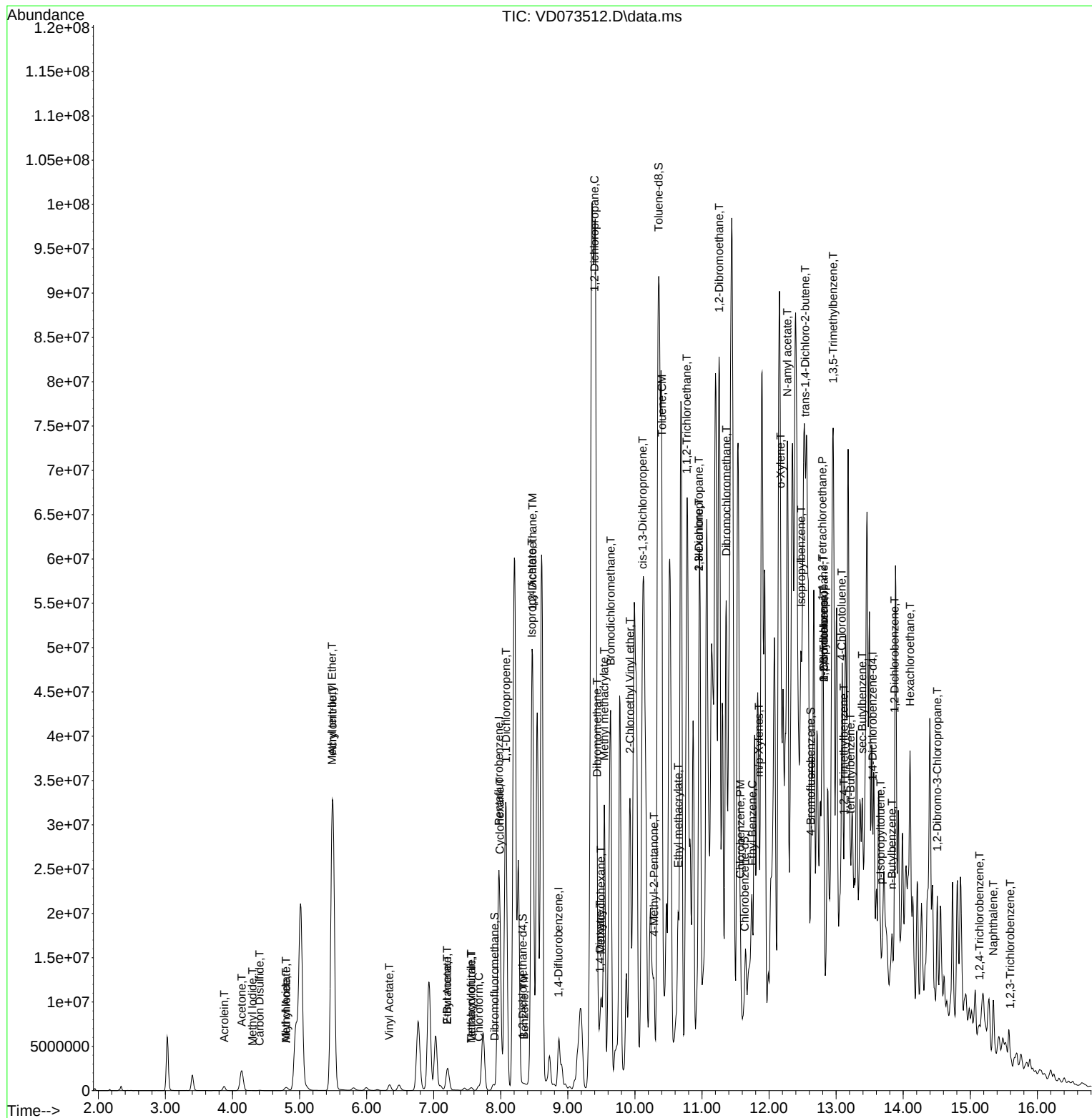
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
65) Chlorobenzene	11.573	112	235115	34.428	ug/l	#	44
67) Ethyl Benzene	11.749	91	118042	9.891	ug/l	#	74
68) m/p-Xylenes	11.849	106	118519	25.306	ug/l	#	50
69) o-Xylene	12.173	106	46428	10.774	ug/l	#	1
73) Isopropylbenzene	12.479	105	7655504	333.580	ug/l		98
74) N-amyl acetate	12.273	43	15627624	3060.992	ug/l	#	54
75) 1,1,2,2-Tetrachloroethane	12.796	83	3695059	848.141	ug/l	#	25
76) 1,2,3-Trichloropropane	12.814	75	73239	22.770	ug/l	#	100
78) n-propylbenzene	12.814	91	10235508	358.309	ug/l		97
79) 2-Chlorotoluene	12.814	91	10235508	616.419	ug/l	#	54
80) 1,3,5-Trimethylbenzene	12.955	105	176837	8.934	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.537	75	8783	6.409	ug/l	#	1
82) 4-Chlorotoluene	13.084	91	327395	18.702	ug/l	#	1
83) tert-Butylbenzene	13.214	119	496630	29.687	ug/l		78
84) 1,2,4-Trimethylbenzene	13.114	105	943553	47.762	ug/l		76
85) sec-Butylbenzene	13.390	105	3860860	154.064	ug/l	#	67
86) p-Isopropyltoluene	13.661	119	1192052	57.063	ug/l		88
89) n-Butylbenzene	13.831	91	2122897	107.727	ug/l	#	86
90) Hexachloroethane	14.102	117	773927	178.896	ug/l	#	17
91) 1,2-Dichlorobenzene	13.873	146	15414	1.562	ug/l	#	68
92) 1,2-Dibromo-3-Chloropr...	14.508	75	14619	21.010	ug/l	#	22
93) 1,2,4-Trichlorobenzene	15.137	180	7007	1.185	ug/l	#	1
95) Naphthalene	15.343	128	30910	6.571	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.596	180	19930	3.861	ug/l	#	12

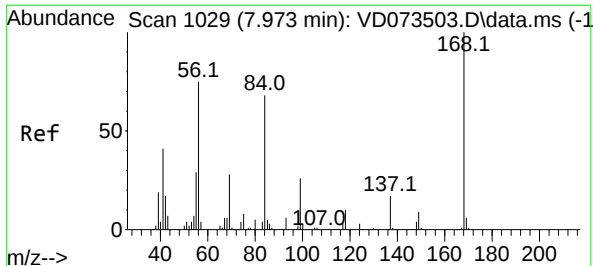
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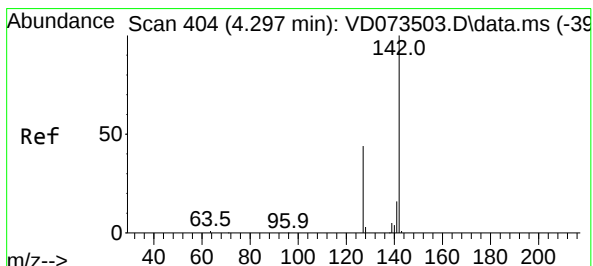
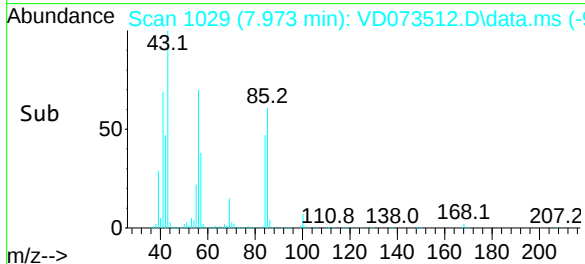
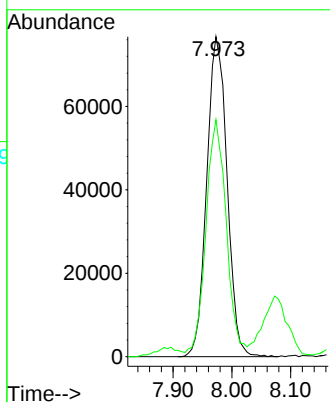
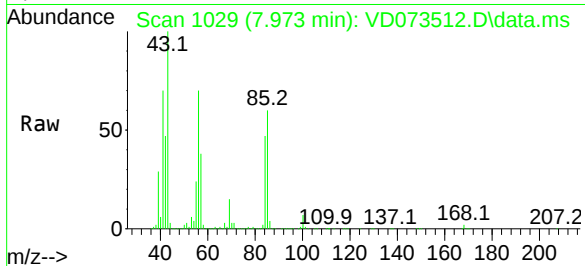




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

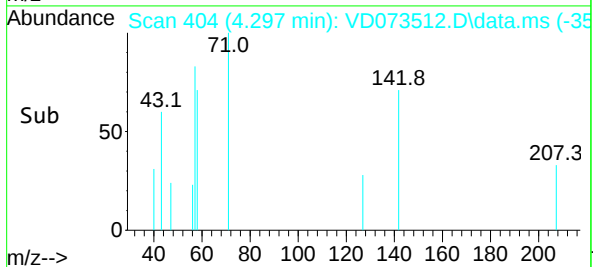
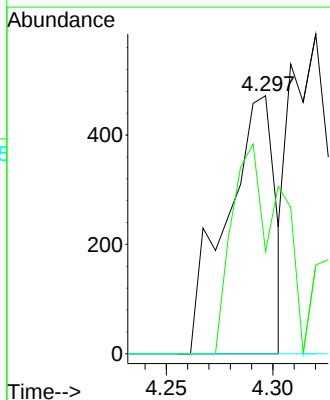
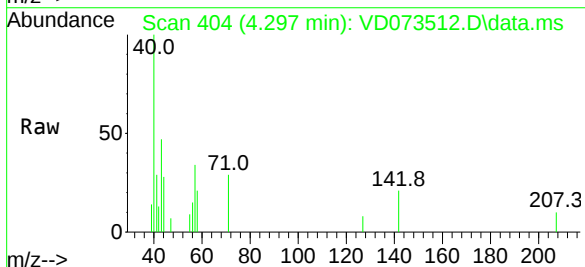
Instrument :
MSVOA_D
ClientSampleId :

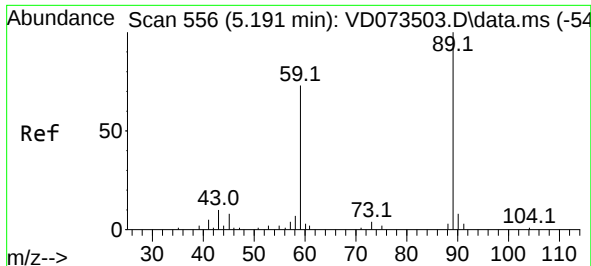
Tgt Ion:168 Resp: 184383
Ion Ratio Lower Upper
168 100
99 72.1 49.8 74.6



#10
Methyl Iodide
Concen: 4.477 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

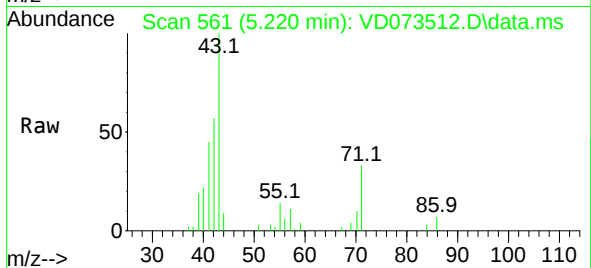
Tgt Ion:142 Resp: 756
Ion Ratio Lower Upper
142 100
127 79.2 37.3 55.9#
141 0.0 11.7 17.5#



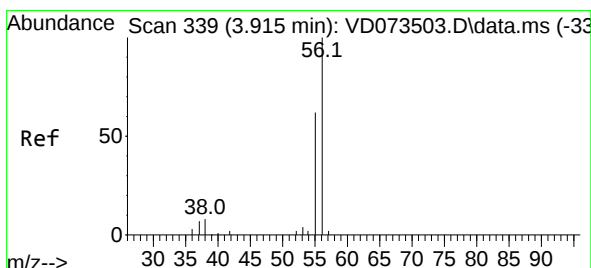
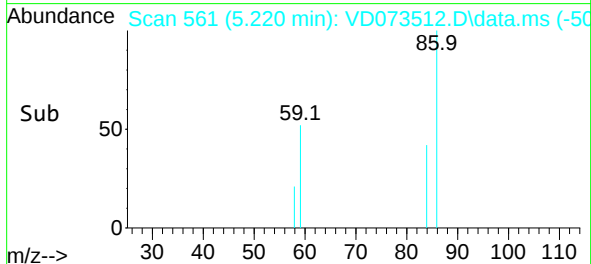
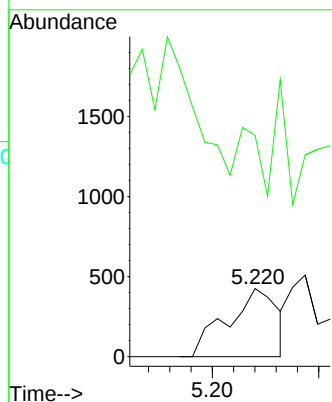


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 50
Delta R.T. 0.029 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

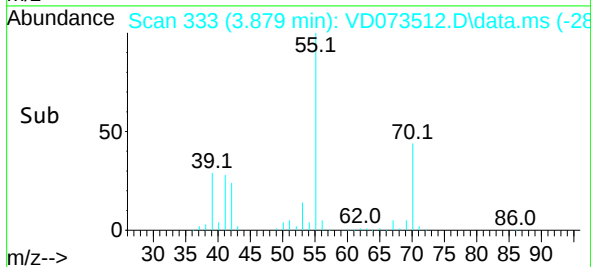
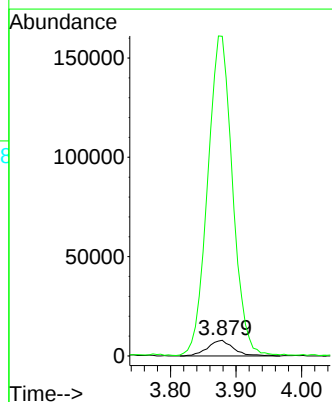
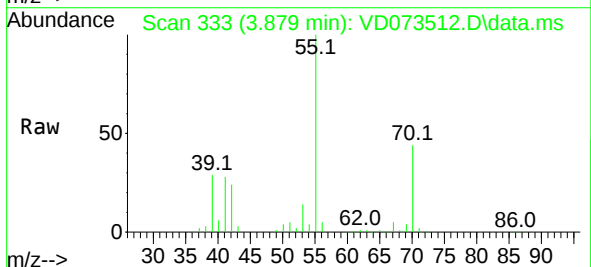


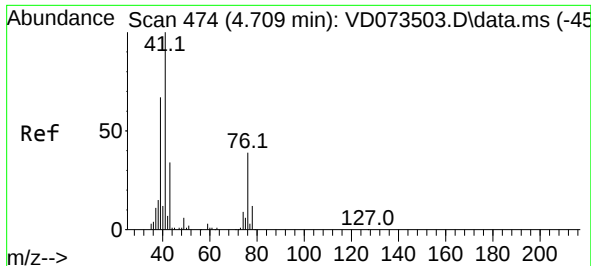
Tgt Ion: 59 Resp: 695
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 248.727 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.036 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

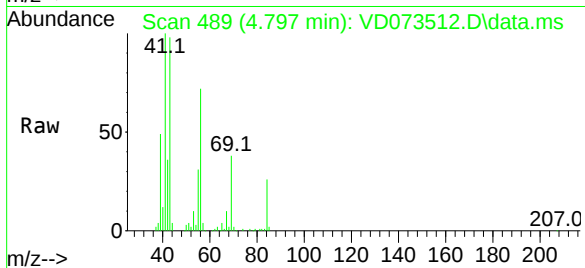
Tgt Ion: 56 Resp: 21676
Ion Ratio Lower Upper
56 100
55 1956.3 57.1 85.7#



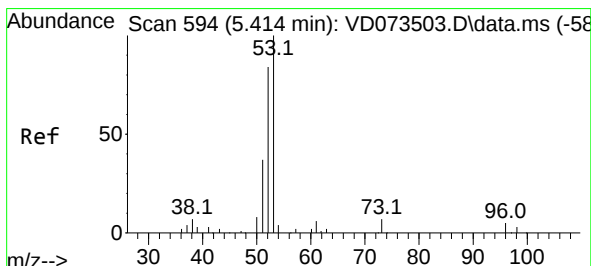
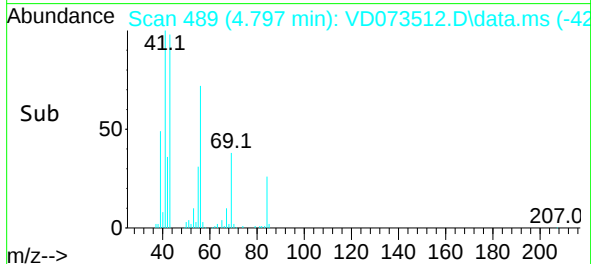
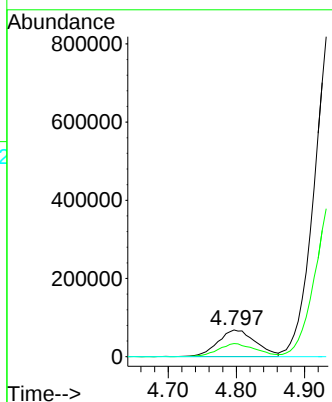


#14
 Allyl chloride
 Concen: 97.386 ug/l
 RT: 4.797 min Scan# 41
 Delta R.T. 0.088 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

Instrument :
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 ClientSampleId :

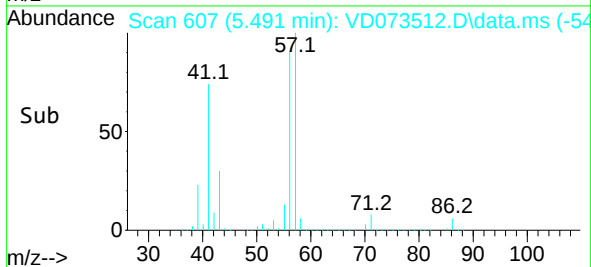
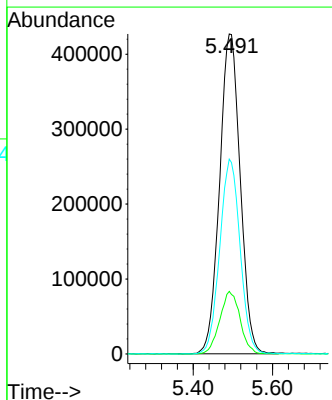
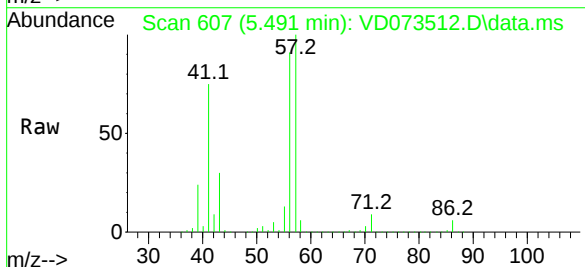


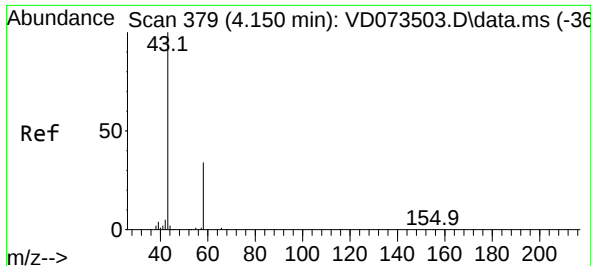
Tgt Ion: 41 Resp: 260834
 Ion Ratio Lower Upper
 41 100
 39 49.5 59.3 88.9#
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 3618.312 ug/l
 RT: 5.491 min Scan# 607
 Delta R.T. 0.077 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

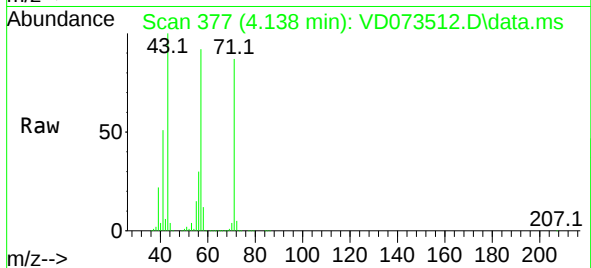
Tgt Ion: 53 Resp: 1540597
 Ion Ratio Lower Upper
 53 100
 52 19.4 67.2 100.8#
 51 60.3 30.3 45.5#



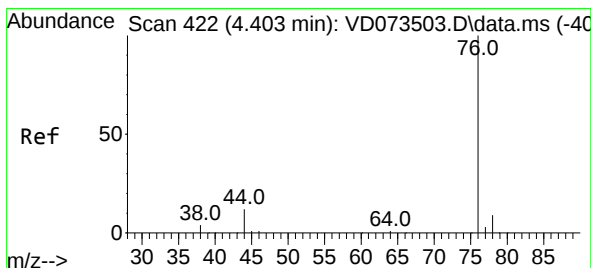
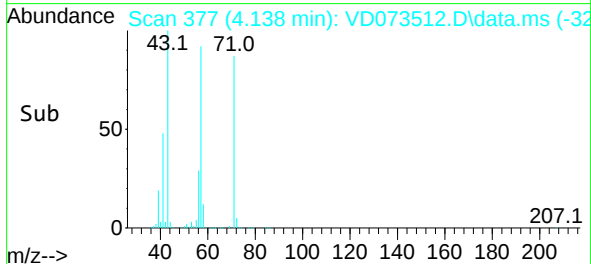
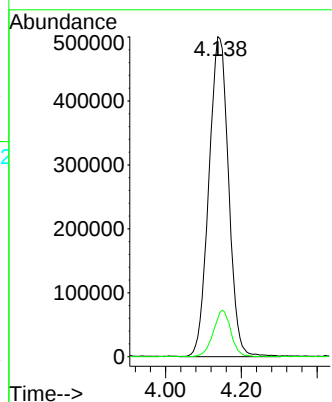


#16
Acetone
Concen: 5183.729 ug/l
RT: 4.138 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
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ClientSampleId :

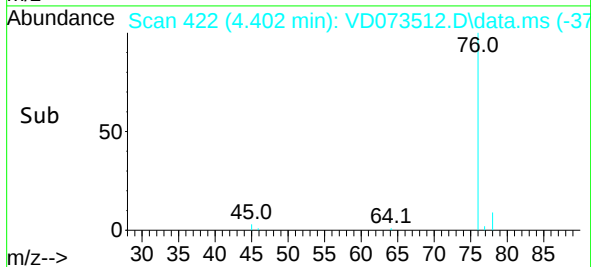
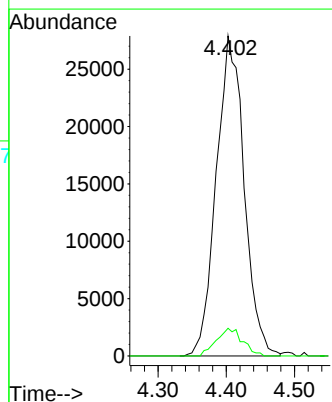
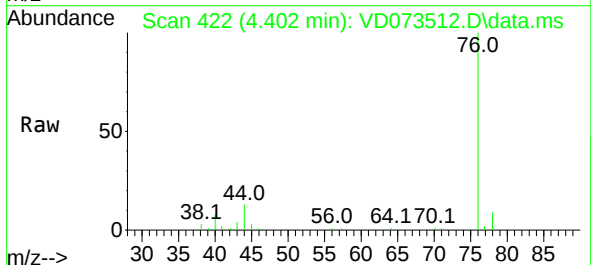


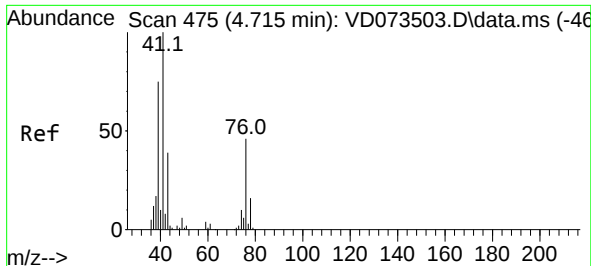
Tgt Ion: 43 Resp: 1805997
Ion Ratio Lower Upper
43 100
58 11.8 22.1 33.1#



#17
Carbon Disulfide
Concen: 13.911 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.001 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

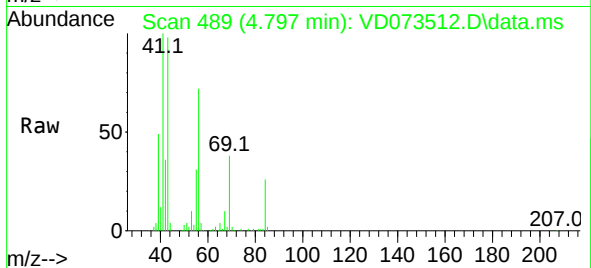
Tgt Ion: 76 Resp: 79329
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



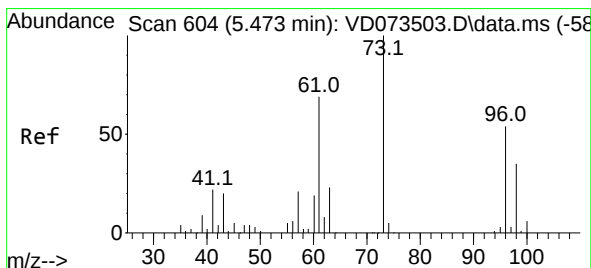
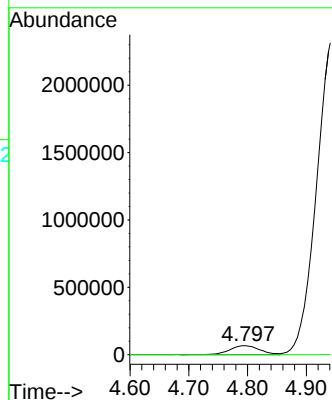
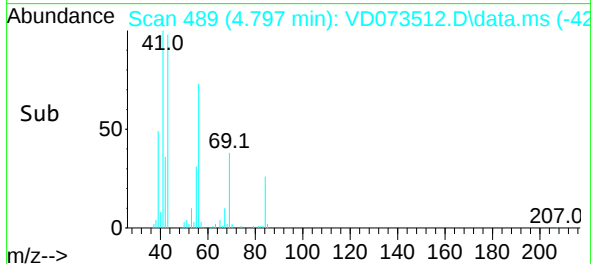


#18
Methyl Acetate
Concen: 235.291 ug/l
RT: 4.797 min Scan# 41
Delta R.T. 0.082 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
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ClientSampleId :

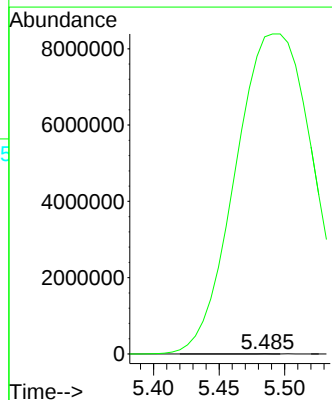
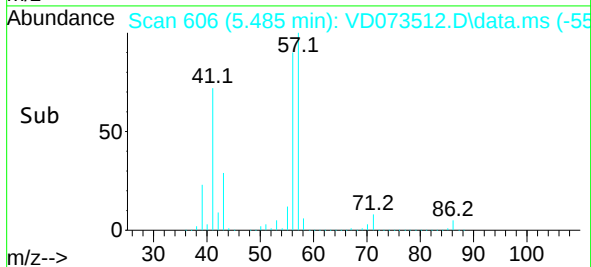
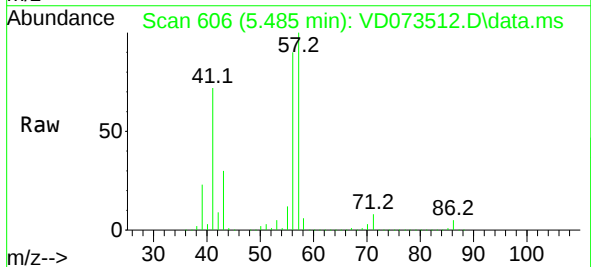


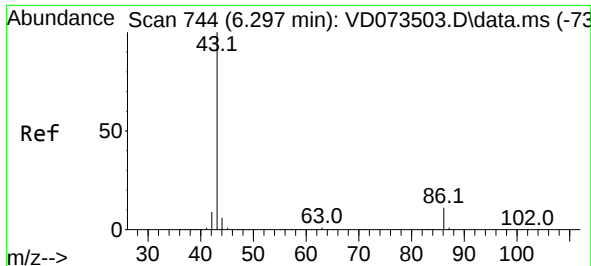
Tgt Ion: 43 Resp: 236214
Ion Ratio Lower Upper
43 100
74 0.3 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 1.222 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 73 Resp: 5245
Ion Ratio Lower Upper
73 100
57 350413.0 18.0 27.0#

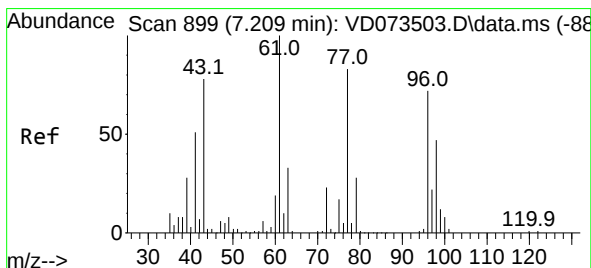
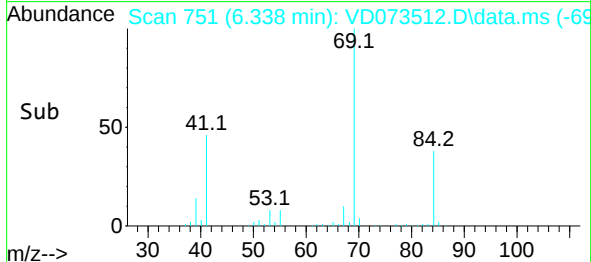
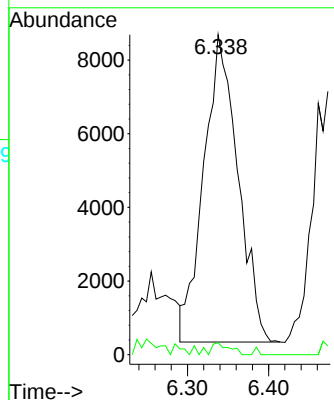
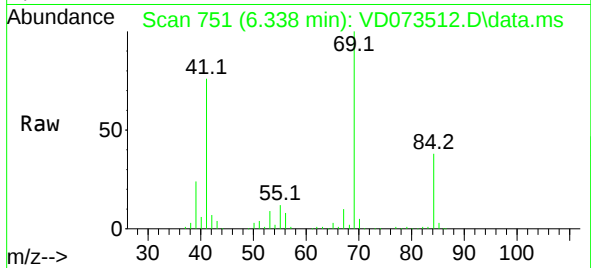




#23
 Vinyl Acetate
 Concen: 7.787 ug/l
 RT: 6.338 min Scan# 744
 Delta R.T. 0.041 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

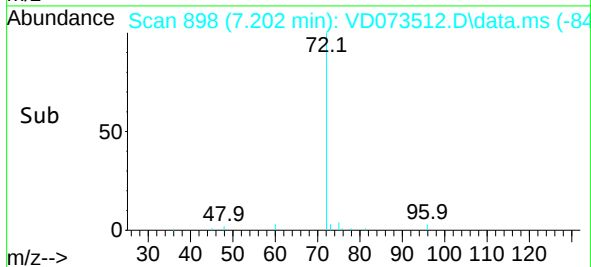
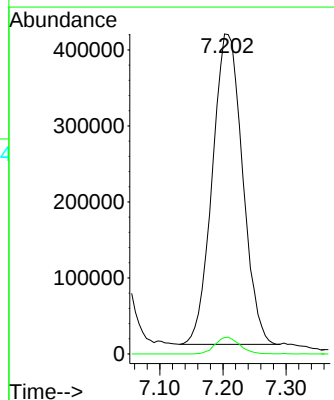
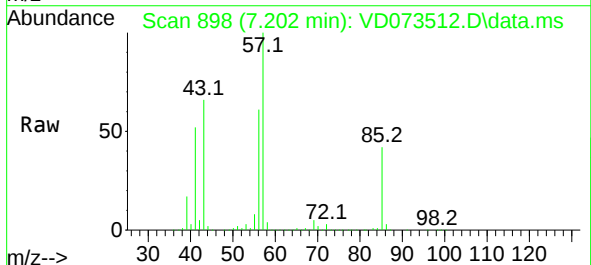
Instrument :
 MSVOA_D
 ClientSampleId :

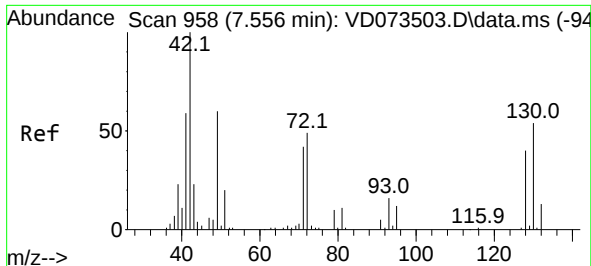
Tgt Ion: 43 Resp: 24415
 Ion Ratio Lower Upper
 43 100
 86 3.8 7.1 10.7#



#25
 2-Butanone
 Concen: 2651.283 ug/l
 RT: 7.202 min Scan# 898
 Delta R.T. -0.007 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

Tgt Ion: 43 Resp: 1359130
 Ion Ratio Lower Upper
 43 100
 72 5.3 18.6 27.8#





#29

Tetrahydrofuran

Concen: 34.200 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.005 min

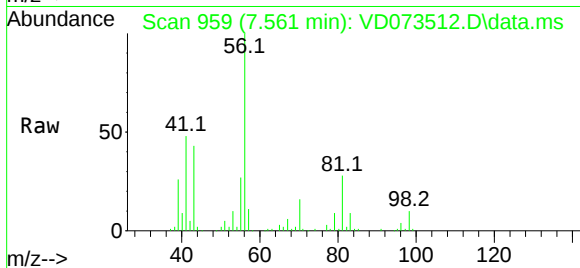
Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

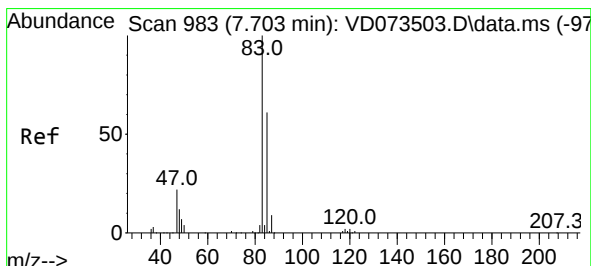
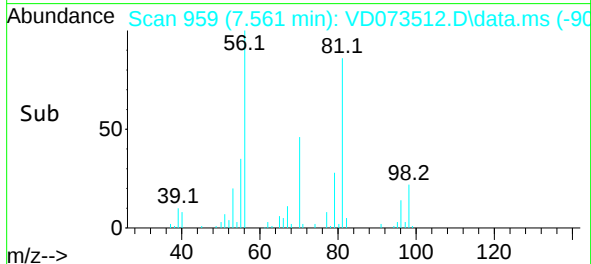
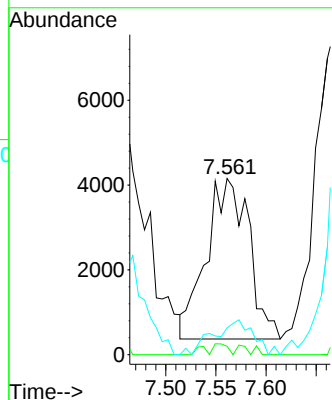
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	11184
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#30

Chloroform

Concen: 50.571 ug/l

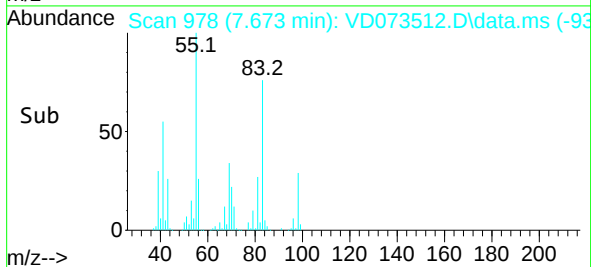
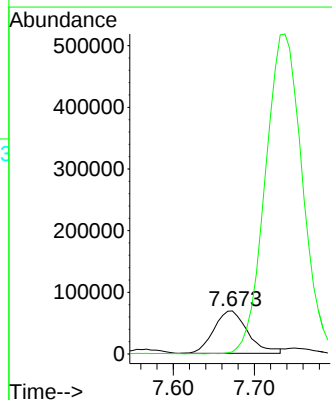
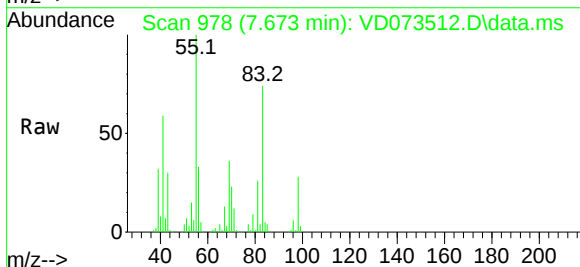
RT: 7.673 min Scan# 978

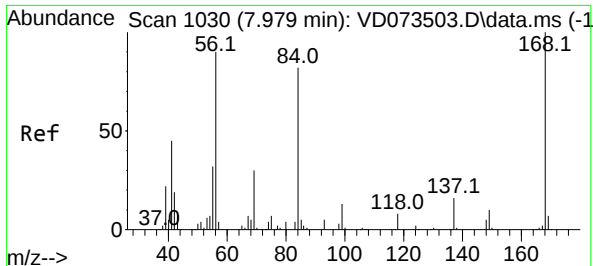
Delta R.T. -0.030 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

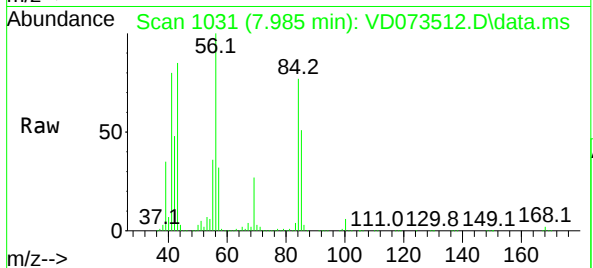
Tgt Ion:	83	Resp:	200172
Ion Ratio	Lower	Upper	
83	100		
85	4.1	52.7	79.1#



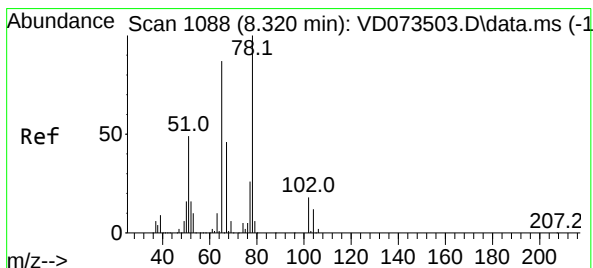
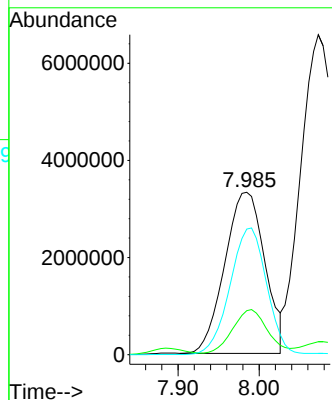
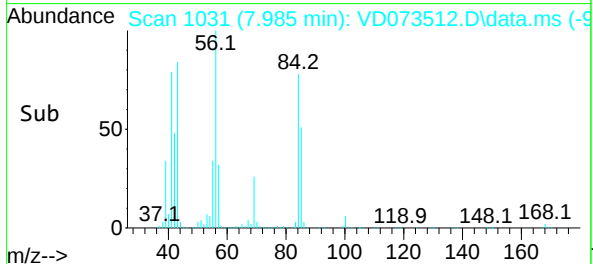


#31
Cyclohexane
Concen: 3420.317 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

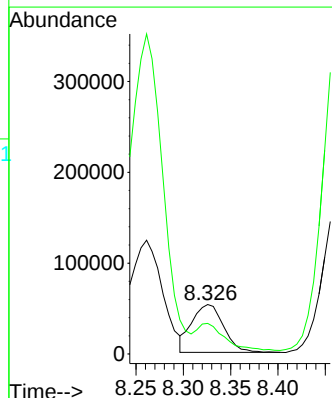
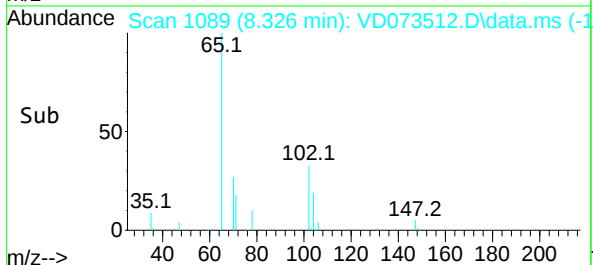
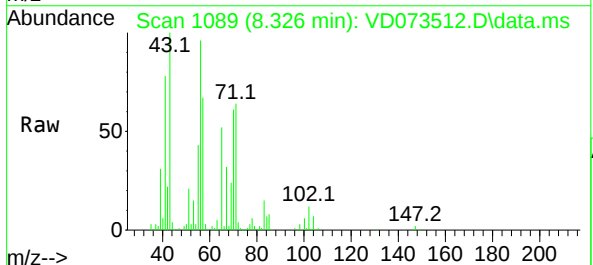


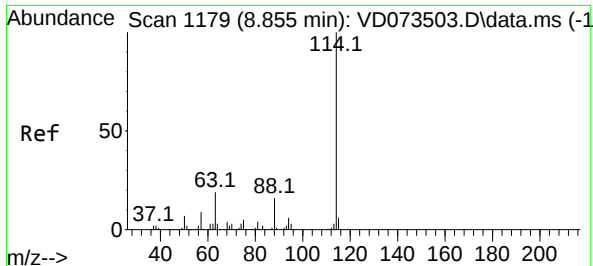
Tgt Ion: 56 Resp:11400579
Ion Ratio Lower Upper
56 100
69 24.4 25.4 38.2#
84 77.9 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 61.901 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 65 Resp: 122482
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

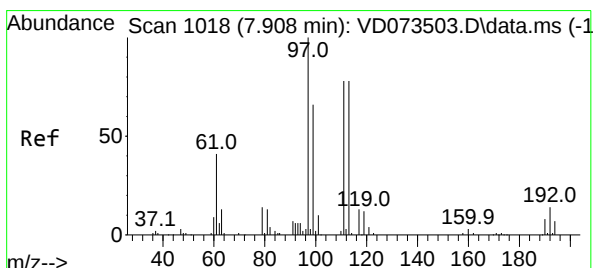
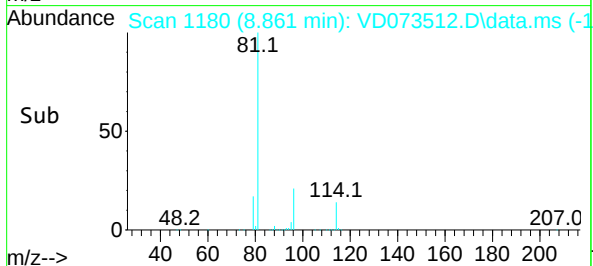
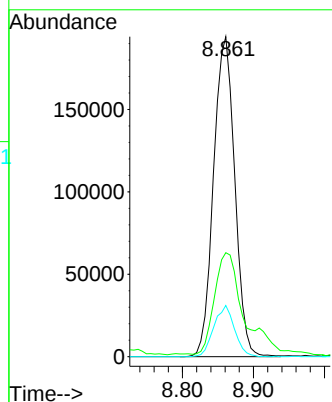
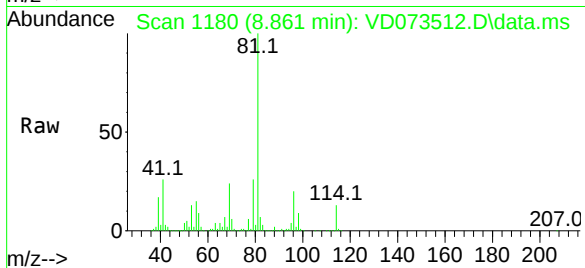
Tgt Ion:114 Resp: 401933

Ion Ratio Lower Upper

114 100

63 31.6 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.397 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

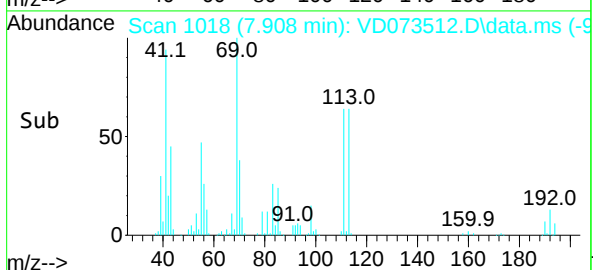
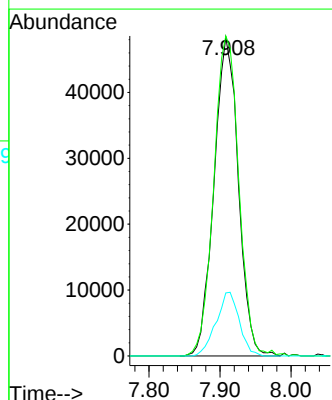
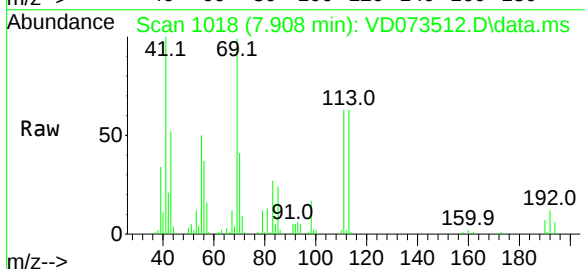
Tgt Ion:113 Resp: 114747

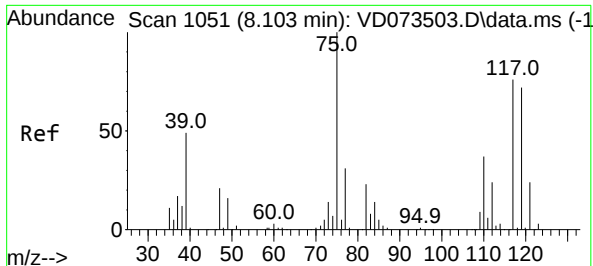
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

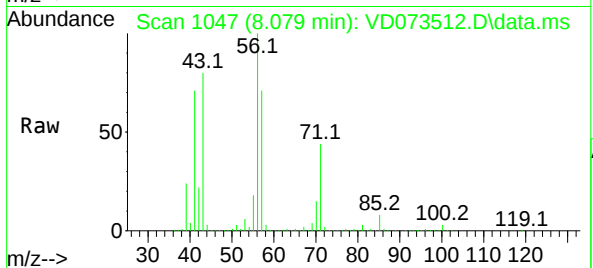
192 19.0 14.6 21.8



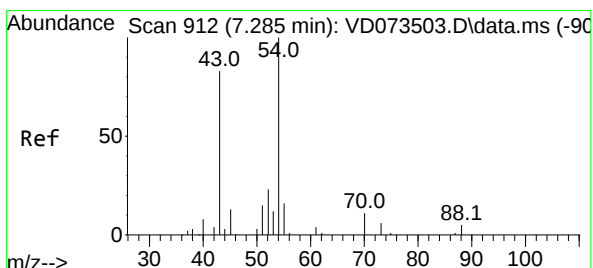
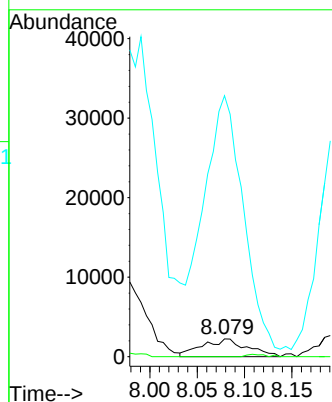
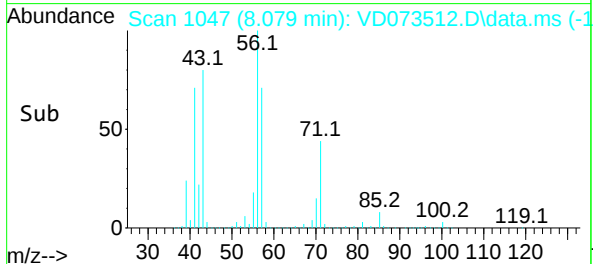


#36
1,1-Dichloropropene
Concen: 1.903 ug/l
RT: 8.079 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

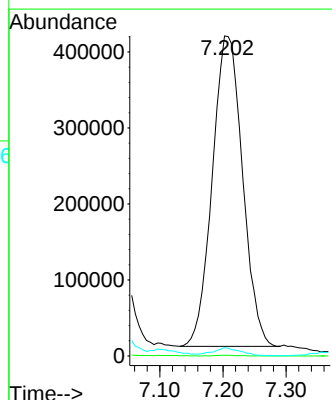
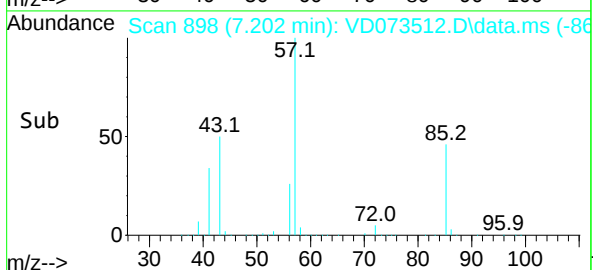
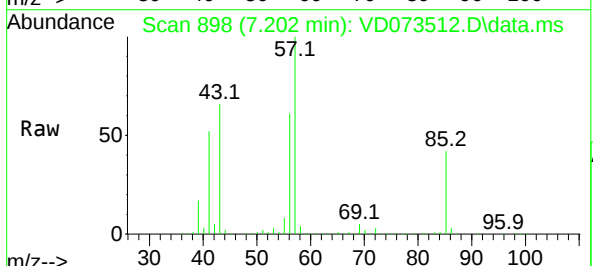


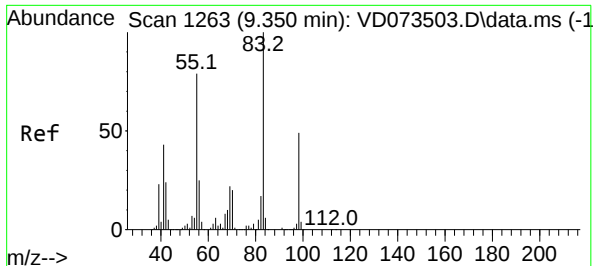
Tgt Ion: 75 Resp: 7386
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 1237.8 24.2 36.2#



#37
Ethyl Acetate
Concen: 866.776 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.083 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 43 Resp: 1359130
Ion Ratio Lower Upper
43 100
61 0.2 9.8 14.8#
70 2.4 6.9 10.3#





#39

Methylcyclohexane

Concen: 216.839 ug/l

RT: 9.490 min Scan# 11

Delta R.T. 0.140 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

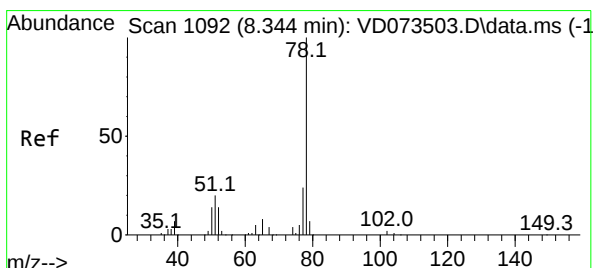
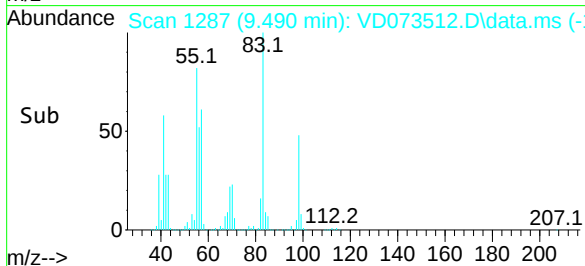
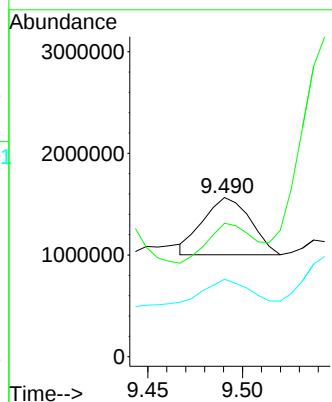
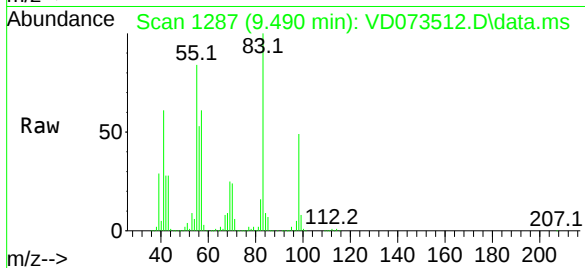
Tgt Ion: 83 Resp: 980907

Ion Ratio Lower Upper

83 100

55 69.9 63.2 94.8

98 40.3 38.2 57.4



#40

Benzene

Concen: 4.753 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VD073512.D

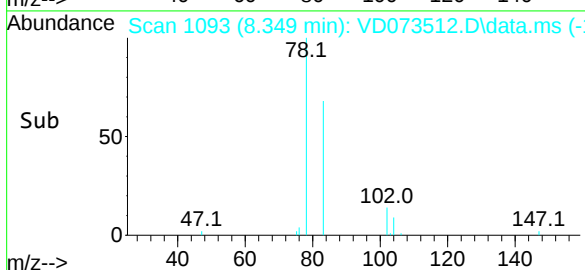
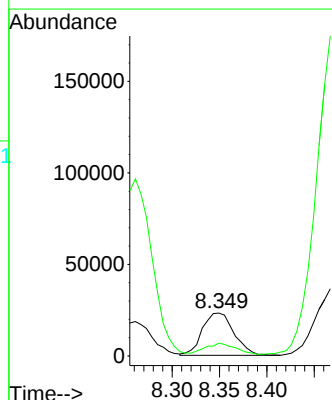
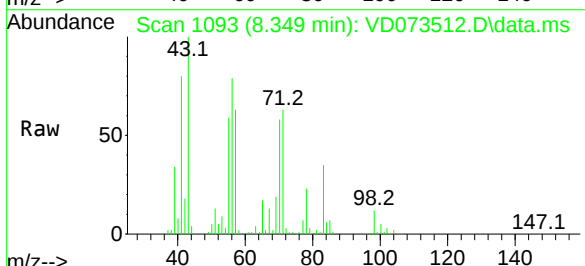
Acq: 09 Jun 2022 16:21

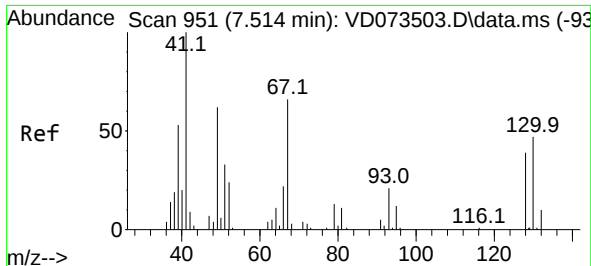
Tgt Ion: 78 Resp: 53671

Ion Ratio Lower Upper

78 100

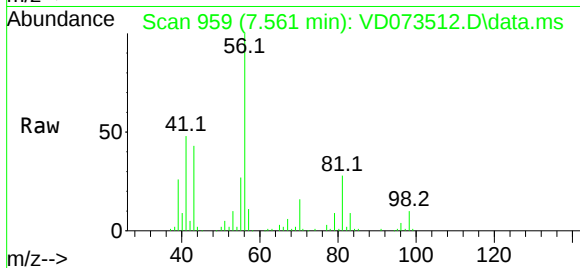
77 21.5 19.1 28.7



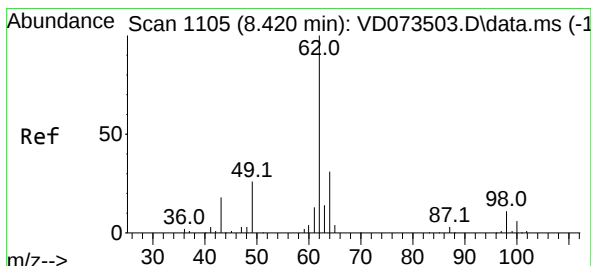
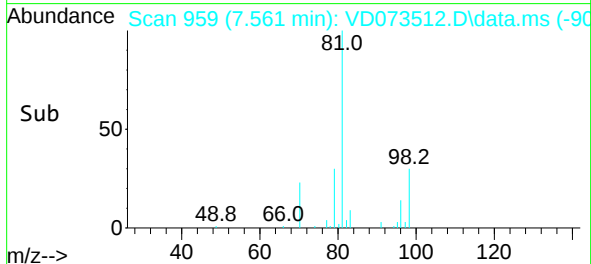
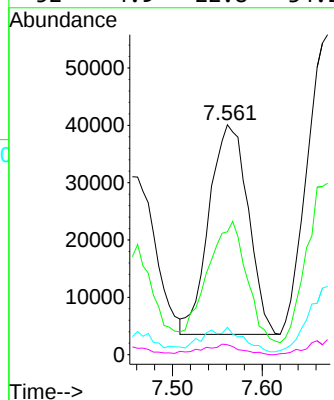


#41
Methacrylonitrile
Concen: 130.025 ug/l
RT: 7.561 min Scan# 911
Delta R.T. 0.047 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

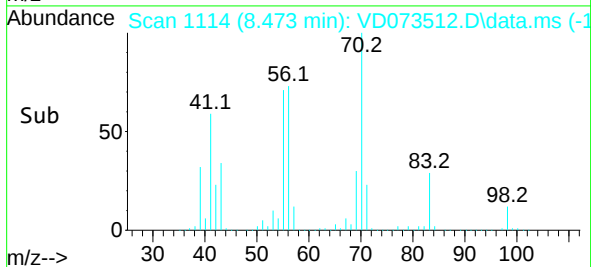
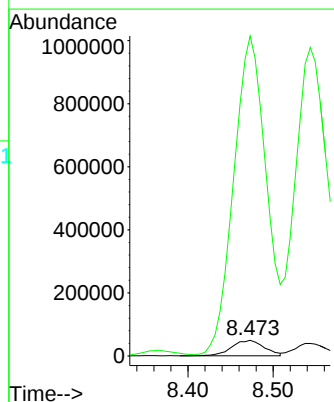
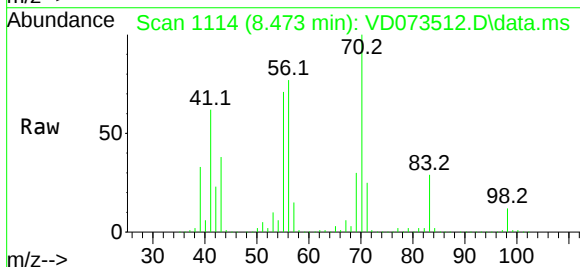


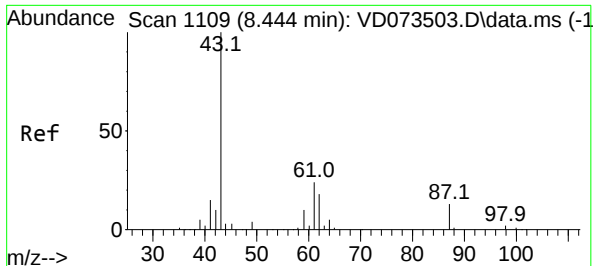
Tgt Ion: 41 Resp: 110535
Ion Ratio Lower Upper
41 100
39 58.1 44.6 67.0
67 0.0 48.2 72.4#
52 4.9 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 41.661 ug/l
RT: 8.473 min Scan# 1114
Delta R.T. 0.053 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 62 Resp: 130060
Ion Ratio Lower Upper
62 100
98 2054.7 0.0 17.6#

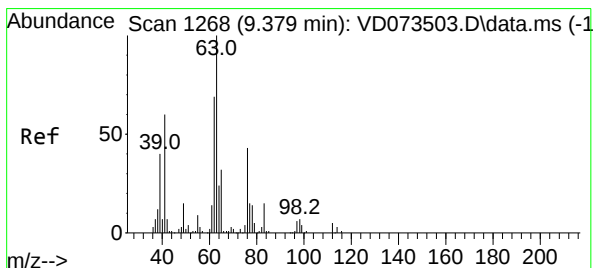
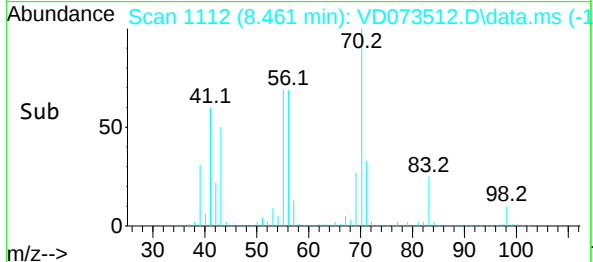
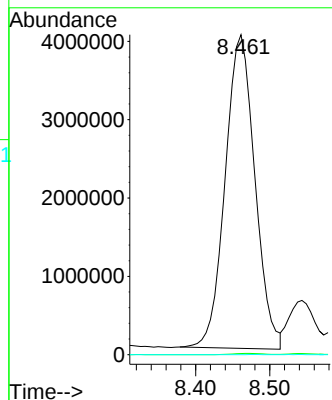
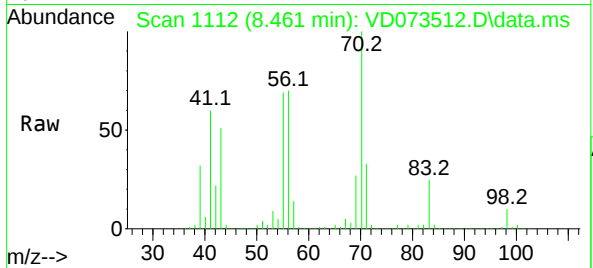




#43
Isopropyl Acetate
Concen: 3695.812 ug/l
RT: 8.461 min Scan# 1112
Delta R.T. 0.017 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

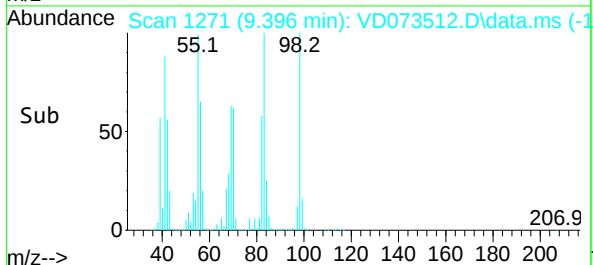
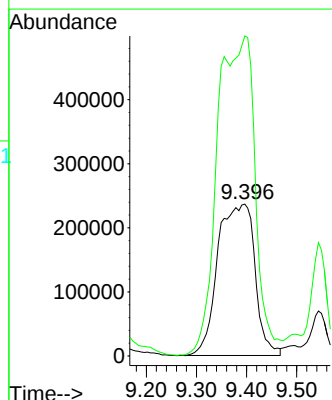
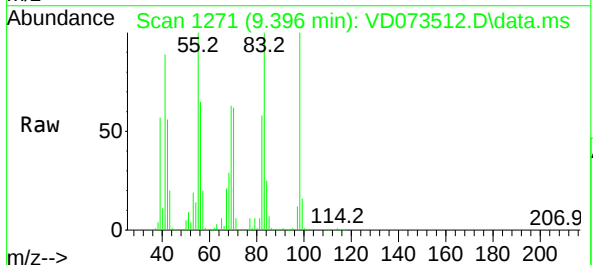
Instrument :
MSVOA_D
ClientSampleId :

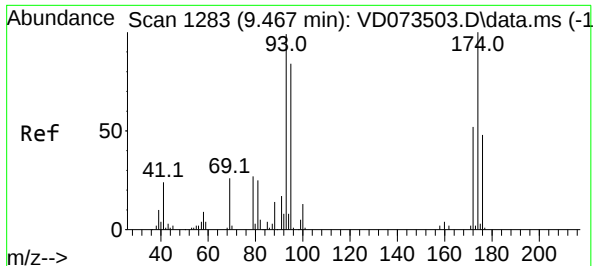
Tgt Ion: 43 Resp:11149799
Ion Ratio Lower Upper
43 100
61 0.4 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 434.644 ug/l
RT: 9.396 min Scan# 1271
Delta R.T. 0.017 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

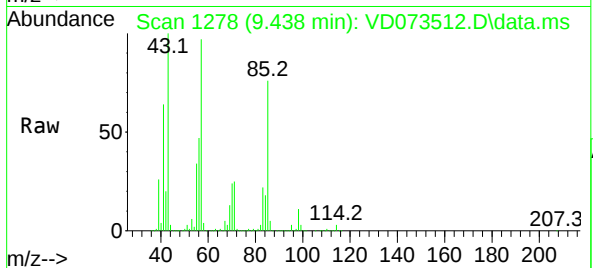
Tgt Ion: 63 Resp: 1215798
Ion Ratio Lower Upper
63 100
65 210.5 26.2 39.4#



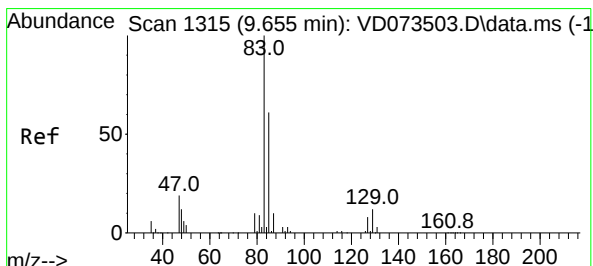
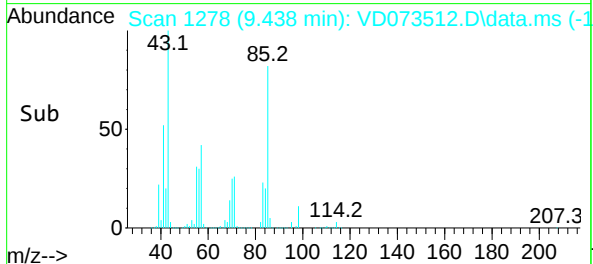
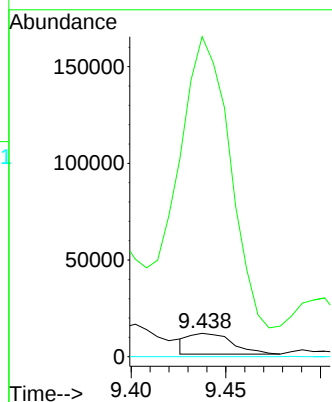


#46
Dibromomethane
Concen: 10.901 ug/l
RT: 9.438 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

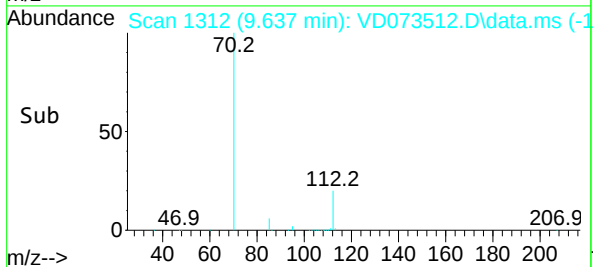
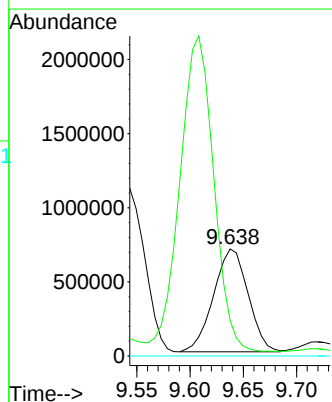
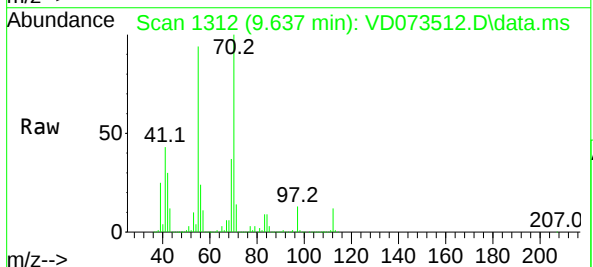


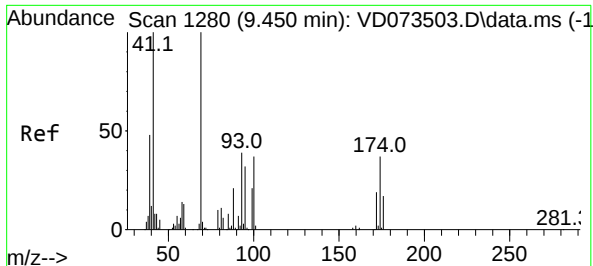
Tgt Ion: 93 Resp: 17178
Ion Ratio Lower Upper
93 100
95 1664.9 66.7 100.1#
174 0.0 71.6 107.4#



#47
Bromodichloromethane
Concen: 395.988 ug/l
RT: 9.637 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 83 Resp: 1563541
Ion Ratio Lower Upper
83 100
85 30.1 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 4293.322 ug/l

RT: 9.543 min Scan# 11

Delta R.T. 0.093 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

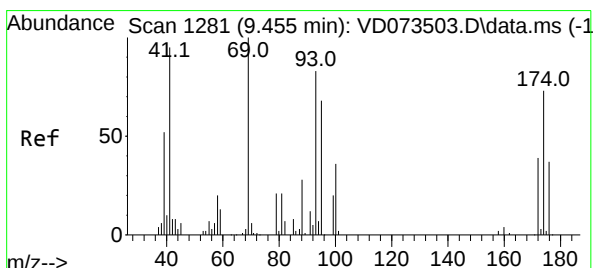
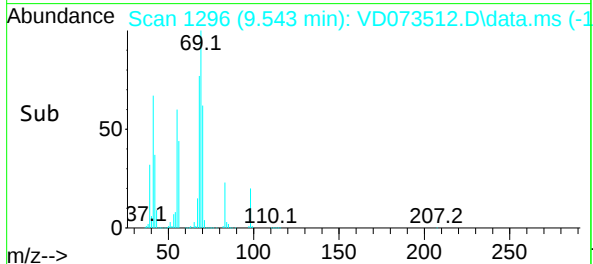
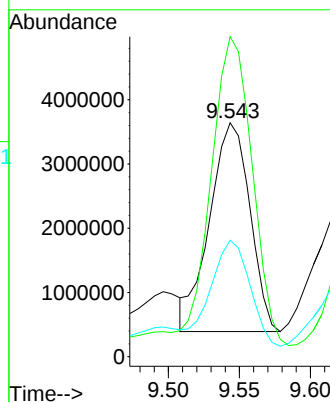
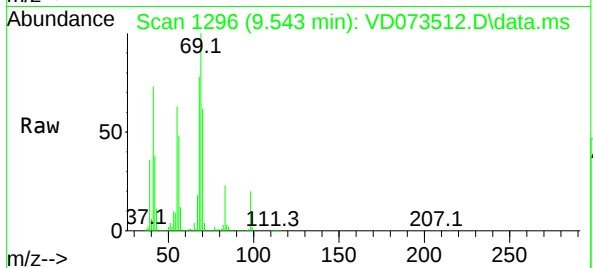
Tgt Ion: 41 Resp: 6415991

Ion Ratio Lower Upper

41 100

69 151.2 56.7 85.1#

39 49.9 42.7 64.1



#49

1,4-Dioxane

Concen: 3.035 ug/l

RT: 9.479 min Scan# 1285

Delta R.T. 0.024 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

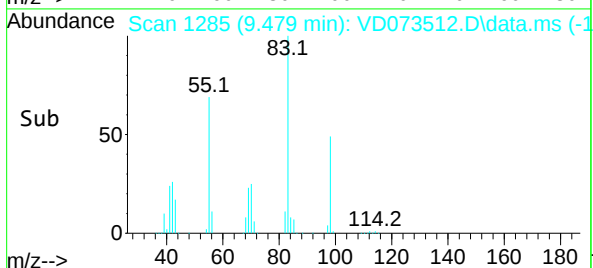
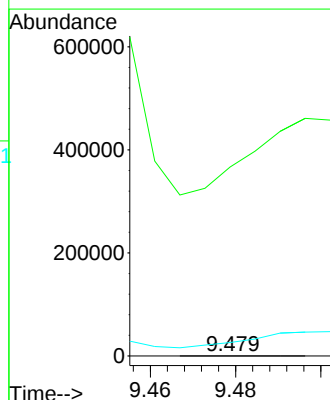
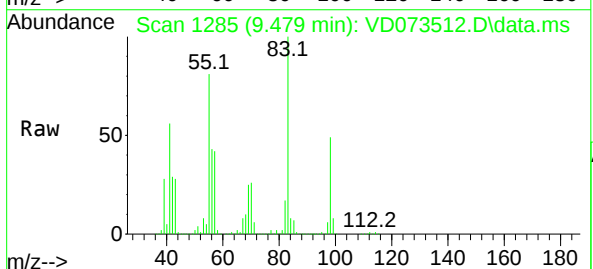
Tgt Ion: 88 Resp: 55

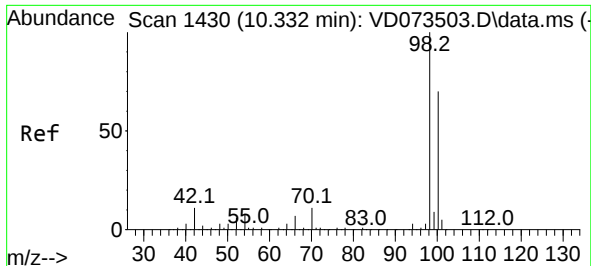
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#

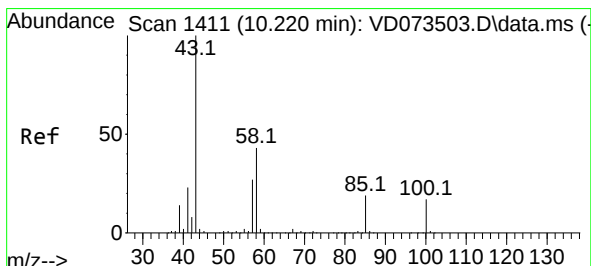
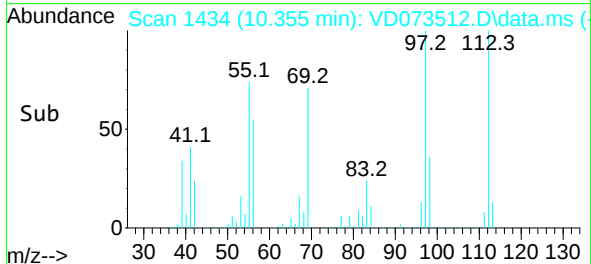
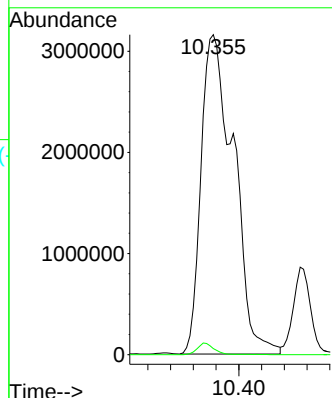
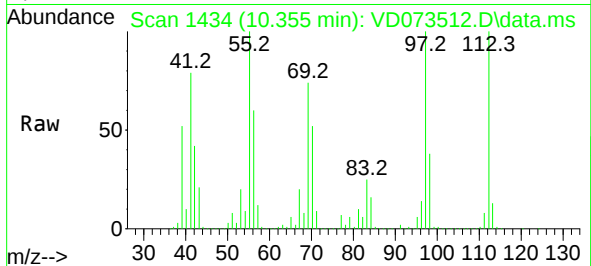




#50
Toluene-d8
Concen: 1287.196 ug/l
RT: 10.355 min Scan# 1422
Delta R.T. 0.023 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

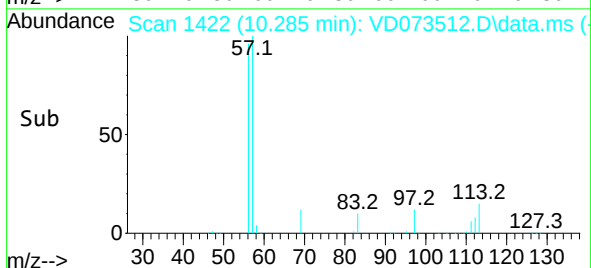
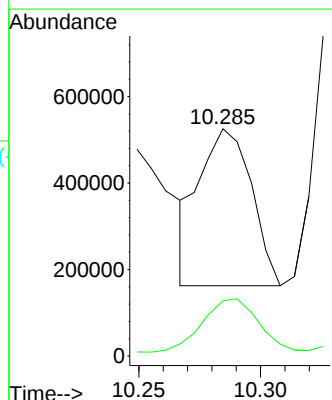
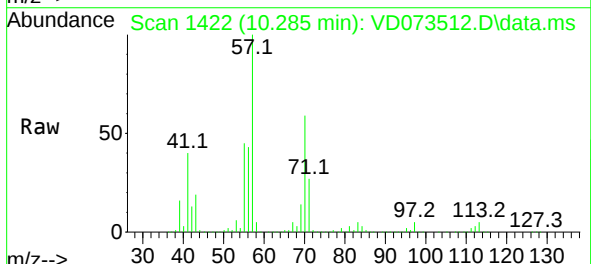
Instrument :
MSVOA_D
ClientSampleId :

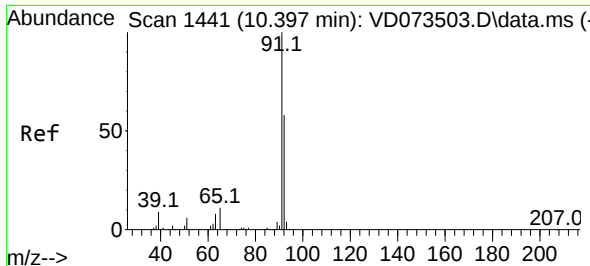
Tgt Ion: 98 Resp:12578497
Ion Ratio Lower Upper
98 100
100 1.9 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 353.235 ug/l
RT: 10.285 min Scan# 1422
Delta R.T. 0.065 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 43 Resp: 539226
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0

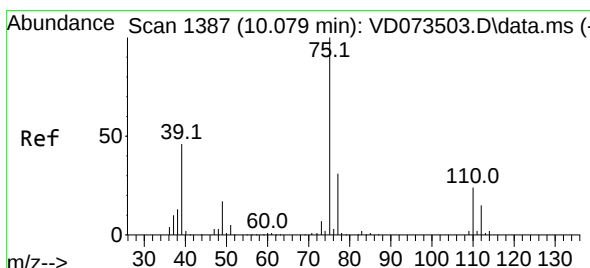
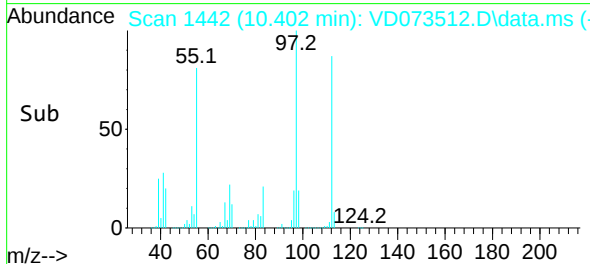
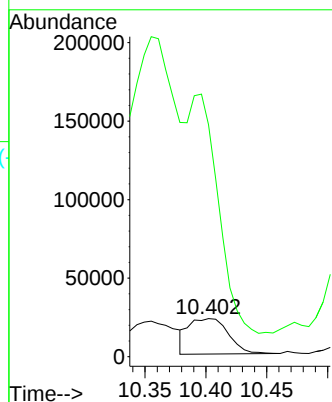
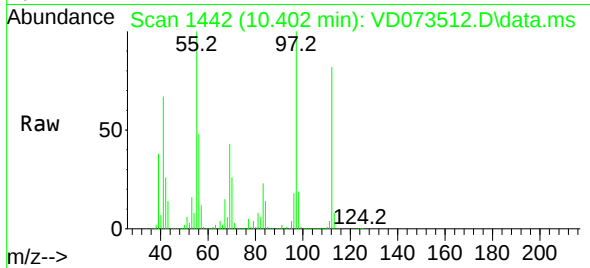




#52
Toluene
Concen: 7.077 ug/l
RT: 10.402 min Scan# 1441
Delta R.T. 0.005 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

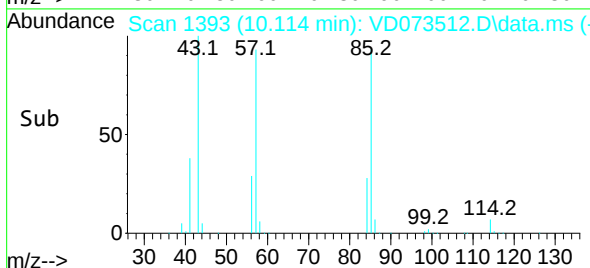
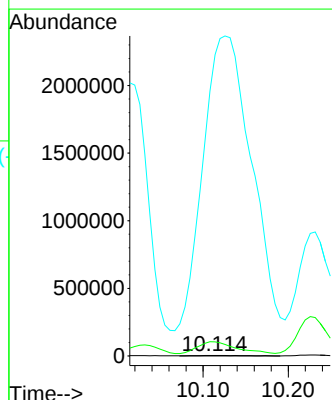
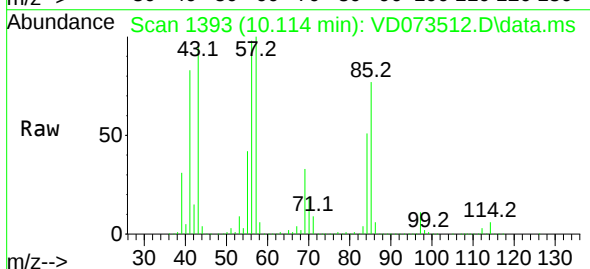
Instrument :
MSVOA_D
ClientSampleId :

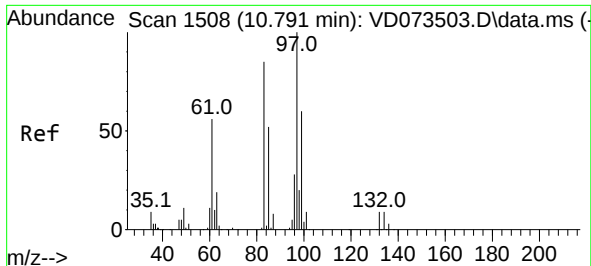
Tgt Ion: 92 Resp: 51251
Ion Ratio Lower Upper
92 100
91 0.0 139.6 209.4#



#54
cis-1,3-Dichloropropene
Concen: 3.040 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. 0.035 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

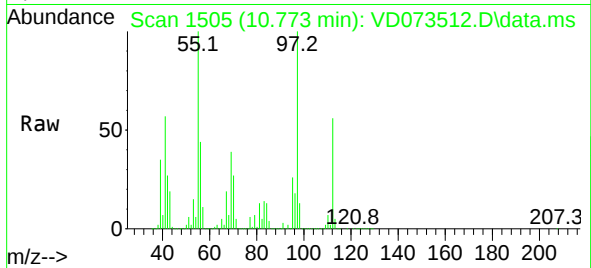
Tgt Ion: 75 Resp: 13184
Ion Ratio Lower Upper
75 100
77 2482.2 24.8 37.2#
39 57288.7 46.8 70.2#



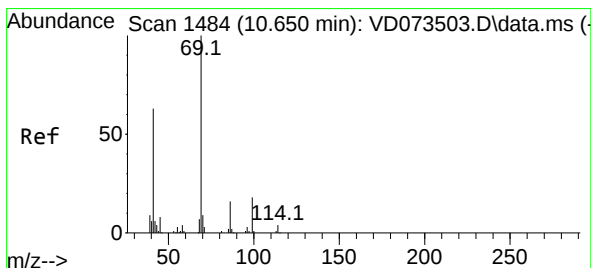
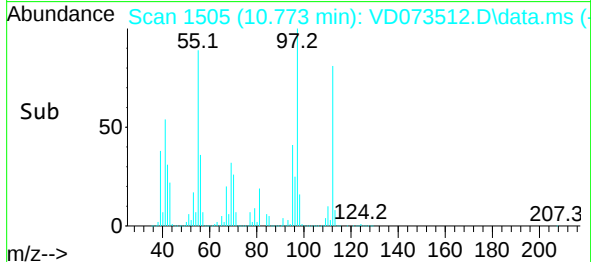
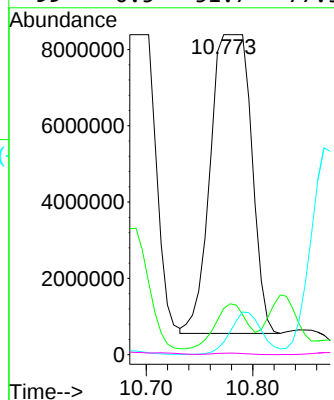


#55
1,1,2-Trichloroethane
Concen: 9278.237 ug/l
RT: 10.773 min Scan# 1
Delta R.T. -0.018 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

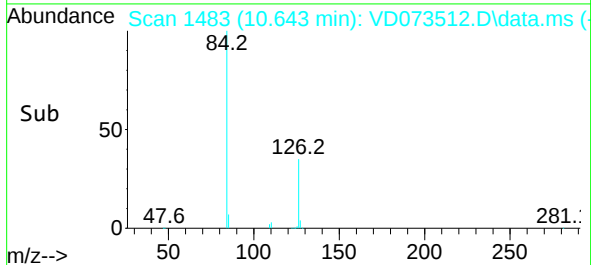
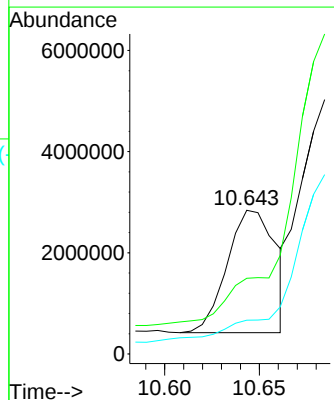
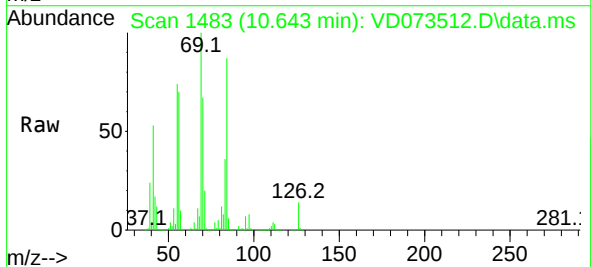


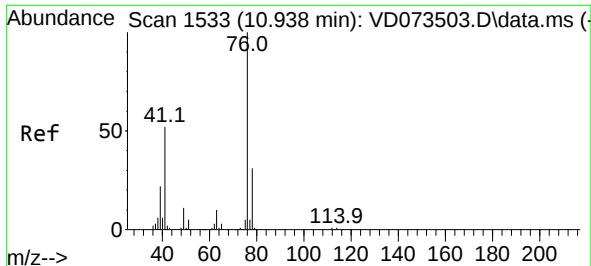
Tgt Ion: 97 Resp: 20851796
Ion Ratio Lower Upper
97 100
83 13.5 69.0 103.4#
85 4.1 42.6 63.8#
99 0.5 51.7 77.5#



#56
Ethyl methacrylate
Concen: 1673.915 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.007 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 69 Resp: 4310168
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 0.0 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 1.387 ug/l

RT: 10.955 min Scan# 1536

Delta R.T. 0.017 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

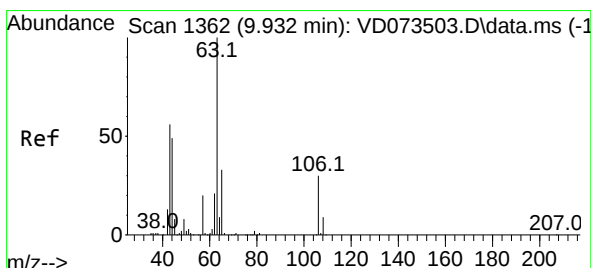
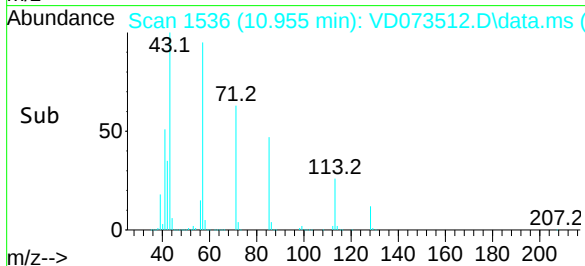
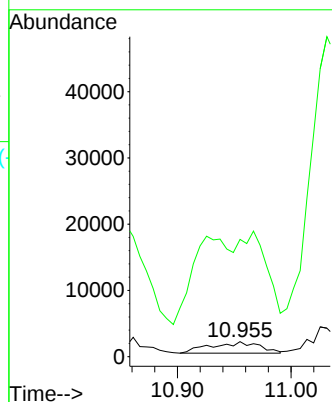
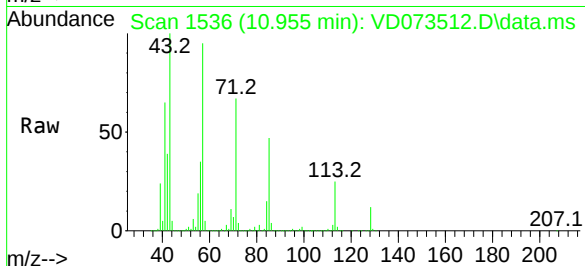
ClientSampleId :

Tgt Ion: 76 Resp: 5077

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#58

2-Chloroethyl Vinyl ether

Concen: 28.279 ug/l

RT: 9.926 min Scan# 1361

Delta R.T. -0.006 min

Lab File: VD073512.D

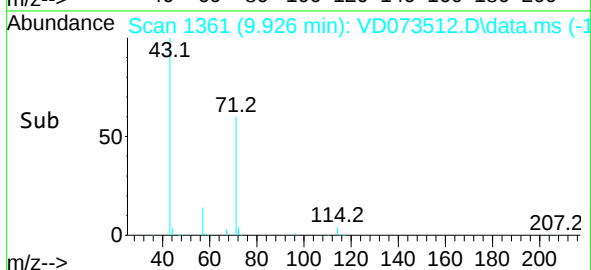
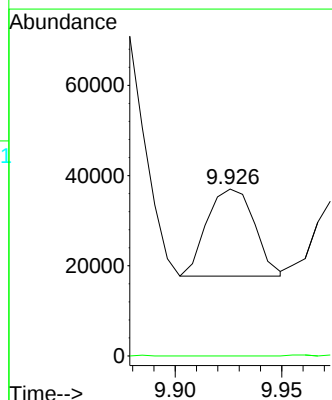
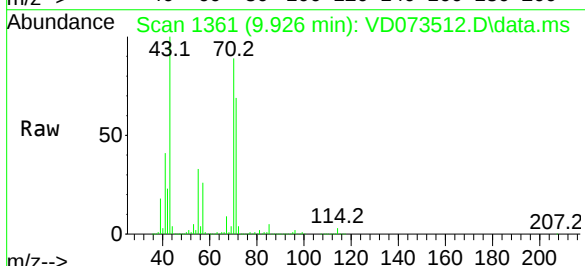
Acq: 09 Jun 2022 16:21

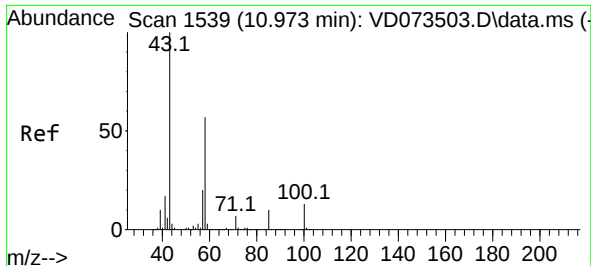
Tgt Ion: 63 Resp: 29938

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#

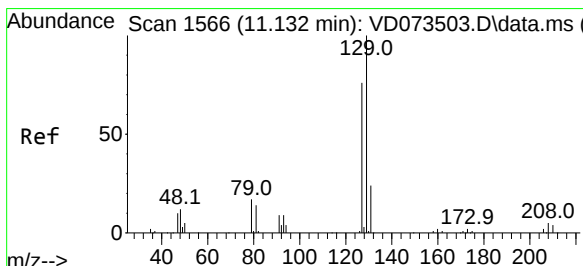
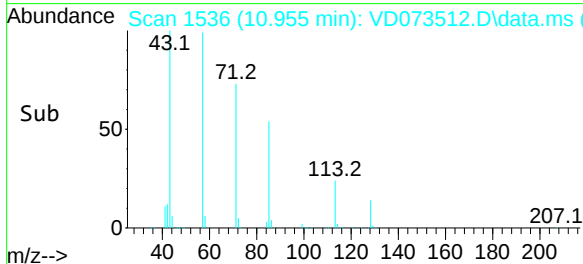
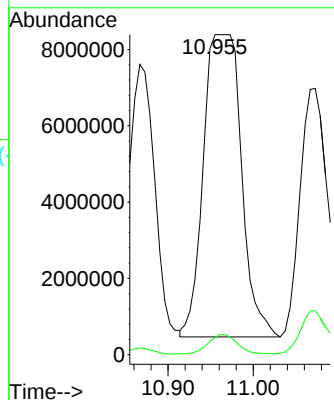
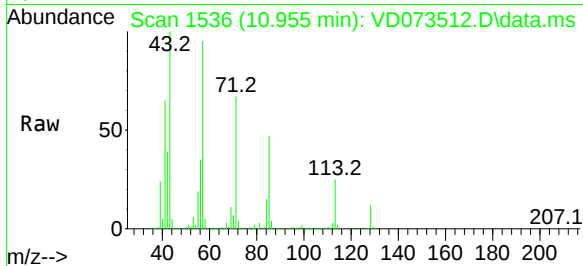




#59
2-Hexanone
Concen: 23462.680 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.018 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

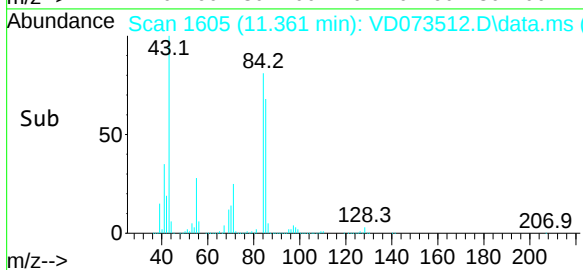
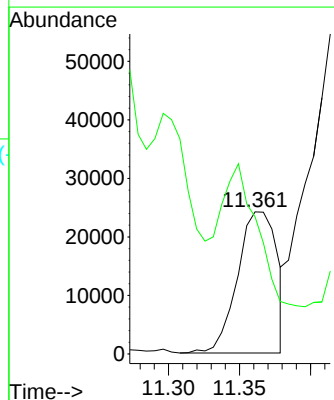
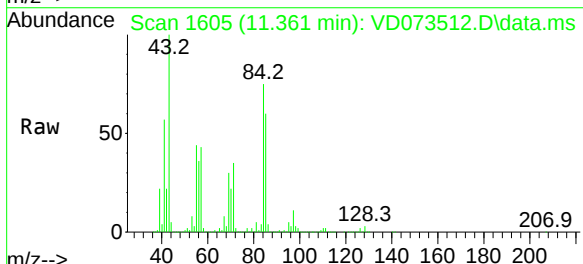
Instrument :
MSVOA_D
ClientSampleId :

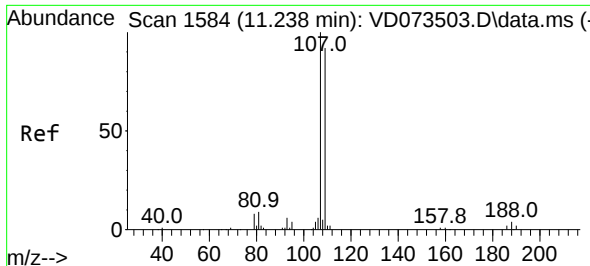
Tgt Ion: 43 Resp:24528910
Ion Ratio Lower Upper
43 100
58 5.0 25.3 75.9#



#60
Dibromochloromethane
Concen: 16.848 ug/l
RT: 11.361 min Scan# 1605
Delta R.T. 0.229 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion:129 Resp: 46732
Ion Ratio Lower Upper
129 100
127 94.7 39.2 117.6

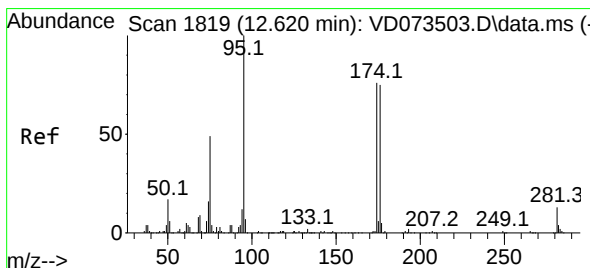
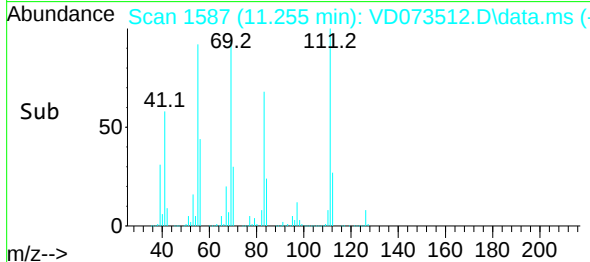
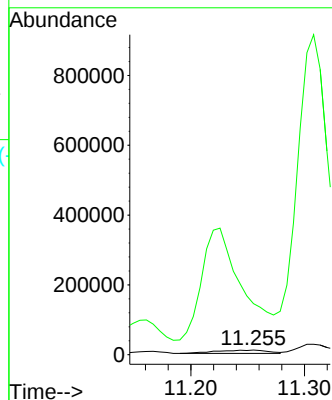
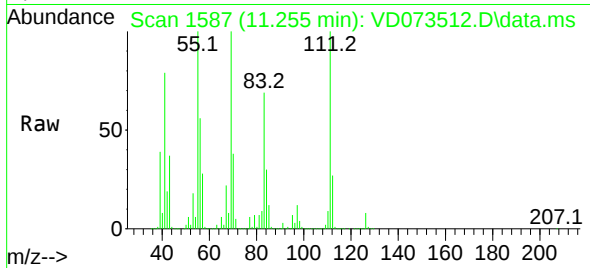




#61
1,2-Dibromoethane
Concen: 14.109 ug/l
RT: 11.255 min Scan# 11
Delta R.T. 0.017 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

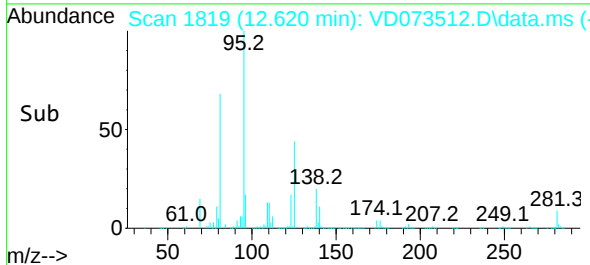
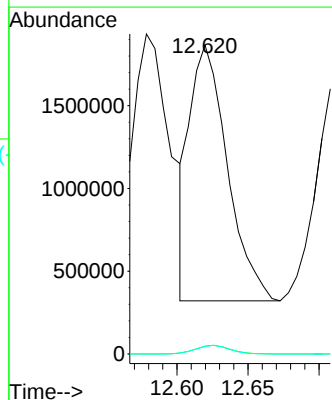
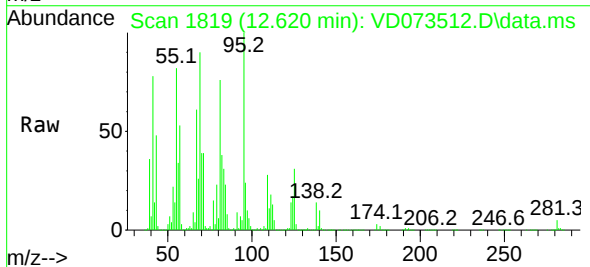
Instrument :
MSVOA_D
ClientSampleId :

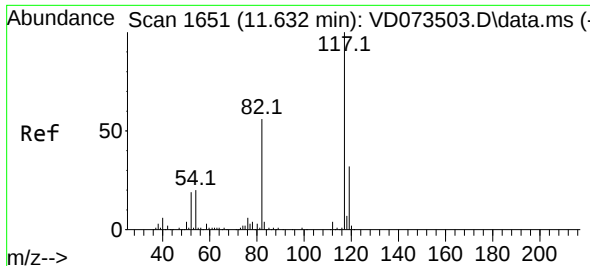
Tgt Ion:107 Resp: 30213
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#



#62
4-Bromofluorobenzene
Concen: 804.474 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 95 Resp: 2853871
Ion Ratio Lower Upper
95 100
174 3.1 0.0 152.8
176 3.0 0.0 145.4

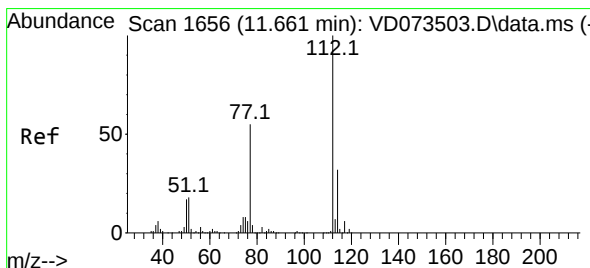
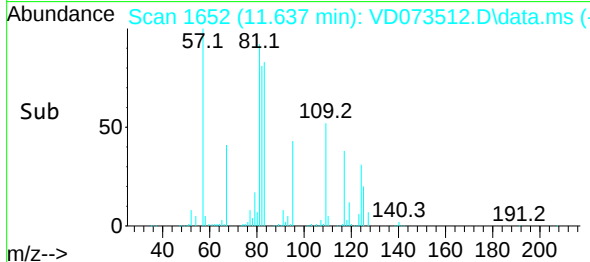
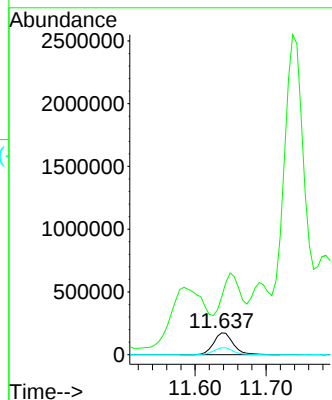
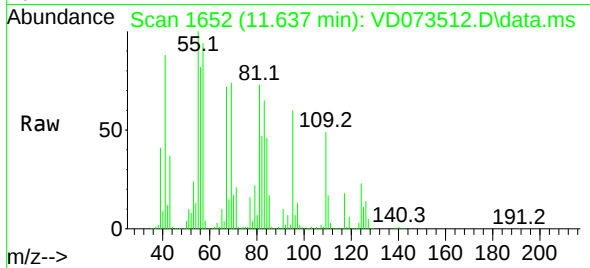




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. 0.005 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

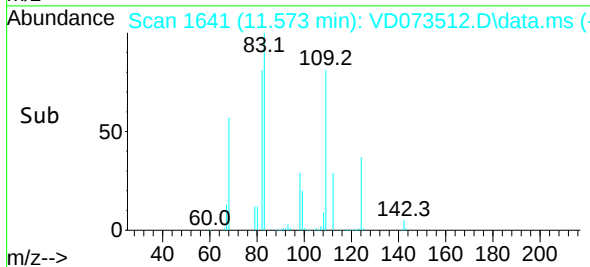
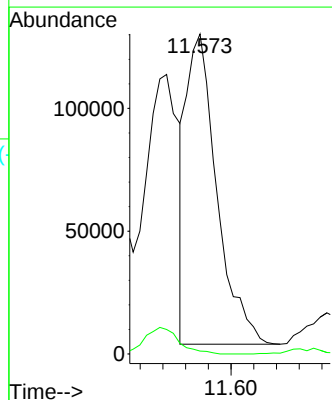
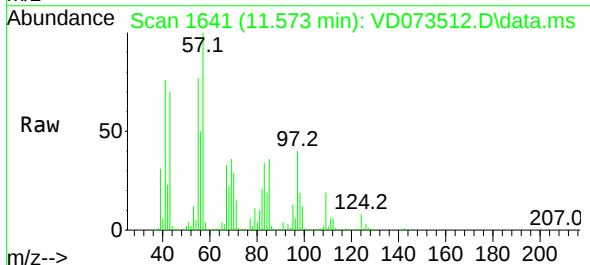
Instrument :
MSVOA_D
ClientSampleId :

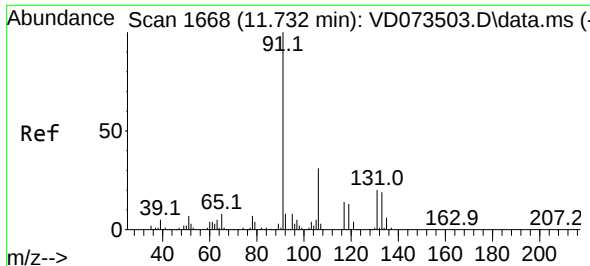
Tgt Ion:117 Resp: 331918
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 31.7 26.6 40.0



#65
Chlorobenzene
Concen: 34.428 ug/l
RT: 11.573 min Scan# 1641
Delta R.T. -0.088 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion:112 Resp: 235115
Ion Ratio Lower Upper
112 100
114 0.7 25.8 38.6#





#67

Ethyl Benzene

Concen: 9.891 ug/l

RT: 11.749 min Scan# 1

Delta R.T. 0.017 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

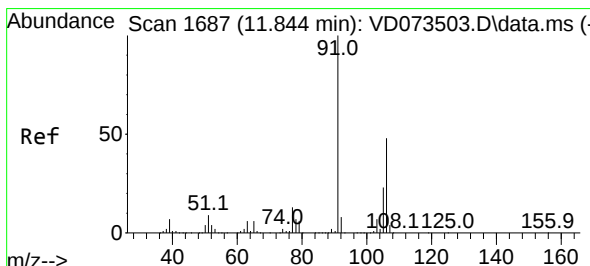
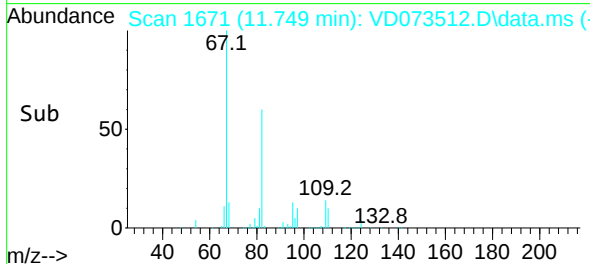
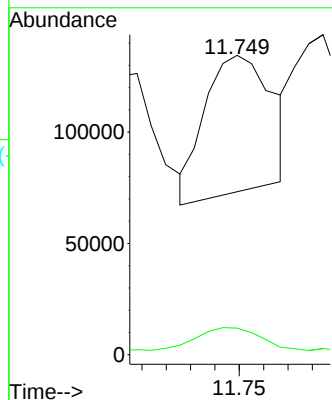
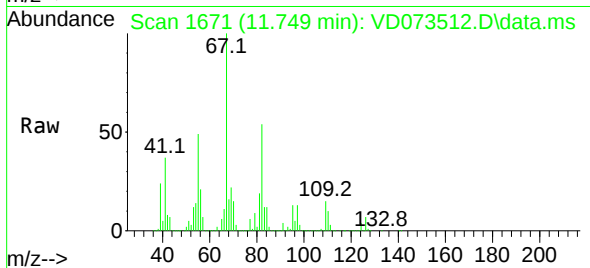
ClientSampleId :

Tgt Ion: 91 Resp: 118042

Ion Ratio Lower Upper

91 100

106 16.0 24.2 36.4#



#68

m/p-Xylenes

Concen: 25.306 ug/l

RT: 11.849 min Scan# 1688

Delta R.T. 0.005 min

Lab File: VD073512.D

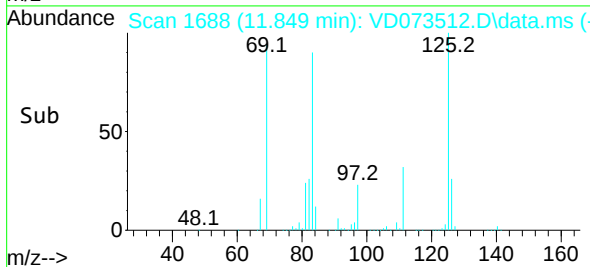
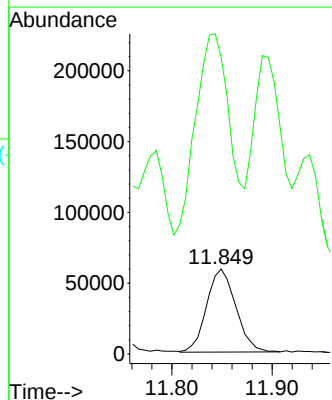
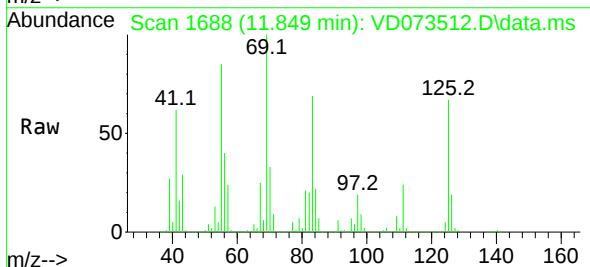
Acq: 09 Jun 2022 16:21

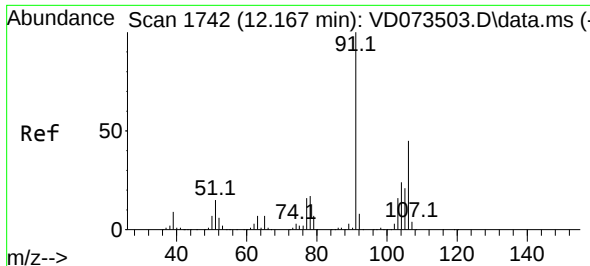
Tgt Ion: 106 Resp: 118519

Ion Ratio Lower Upper

106 100

91 282.0 163.7 245.5#

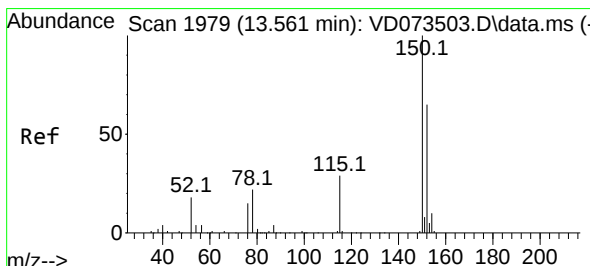
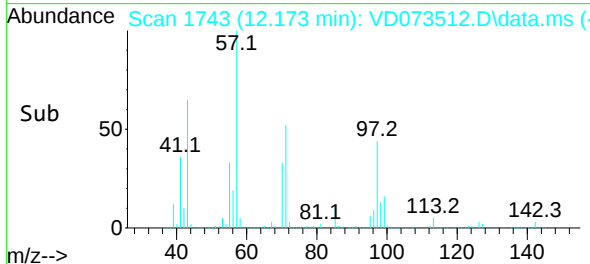
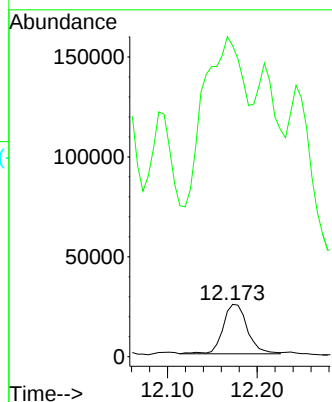
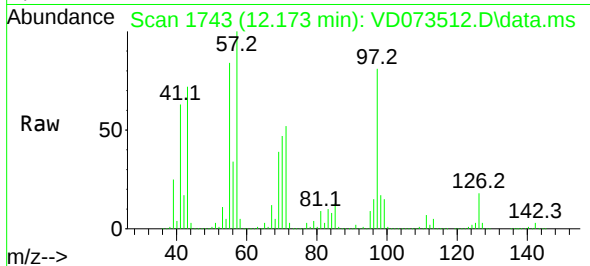




#69
o-Xylene
Concen: 10.774 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

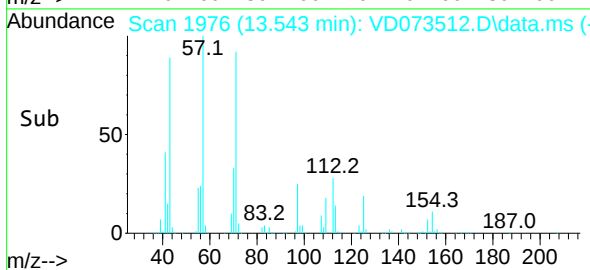
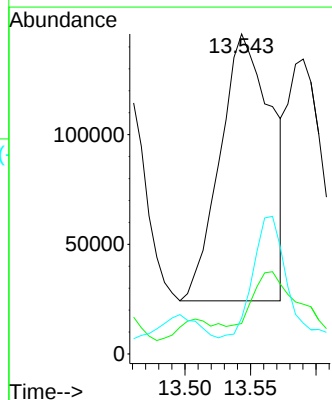
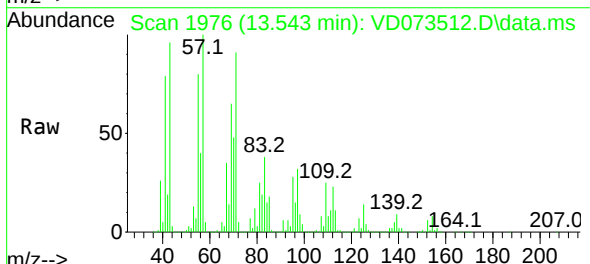
Instrument :
MSVOA_D
ClientSampleId :

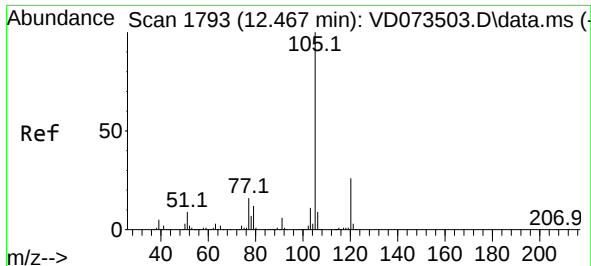
Tgt Ion:106 Resp: 46428
Ion Ratio Lower Upper
106 100
91 557.7 110.4 331.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.018 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

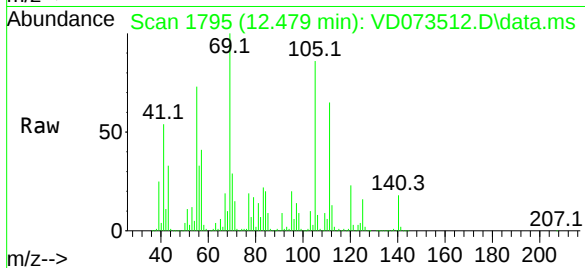
Tgt Ion:152 Resp: 331098
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6



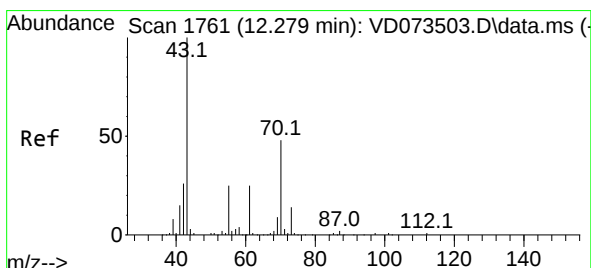
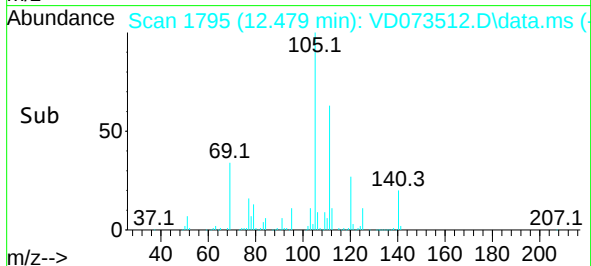
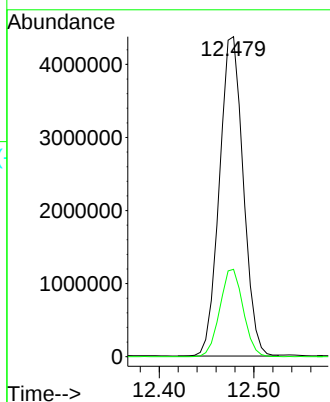


#73
Isopropylbenzene
Concen: 333.580 ug/l
RT: 12.479 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

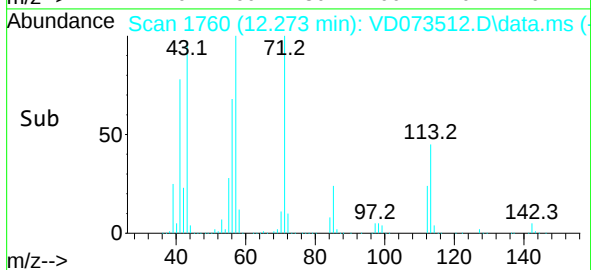
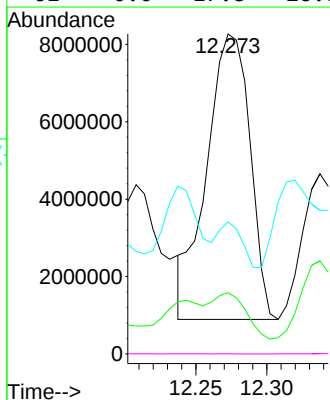
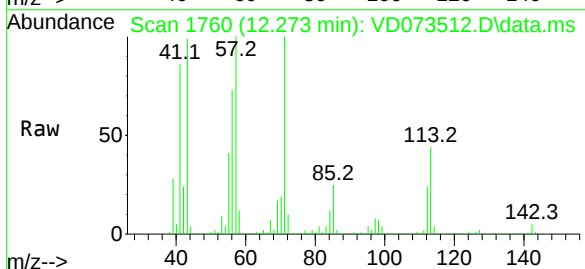


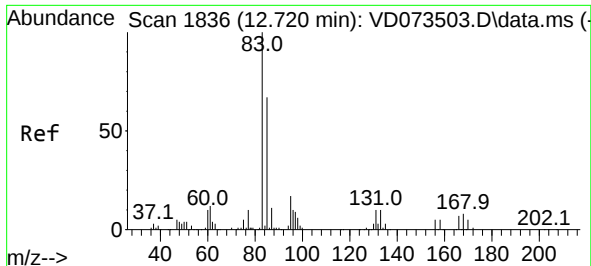
Tgt Ion:105 Resp: 7655504
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9



#74
N-ethyl acetate
Concen: 3060.992 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 43 Resp:15627624
Ion Ratio Lower Upper
43 100
70 12.7 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

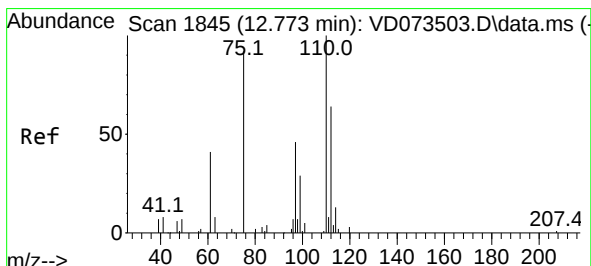
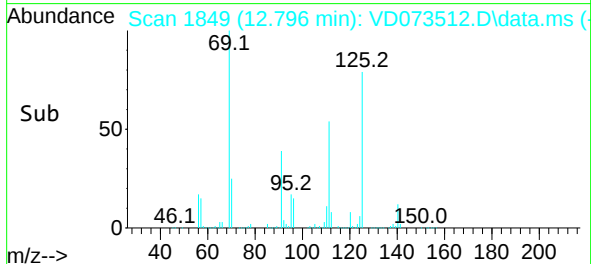
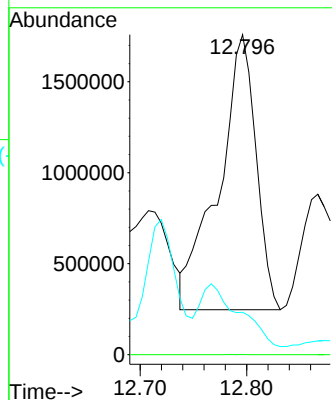
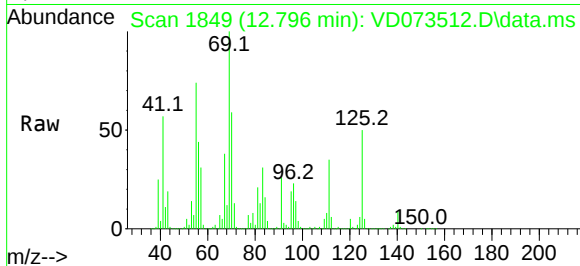




#75
 1,1,2,2-Tetrachloroethane
 Concen: 848.141 ug/l
 RT: 12.796 min Scan# 1849
 Delta R.T. 0.076 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

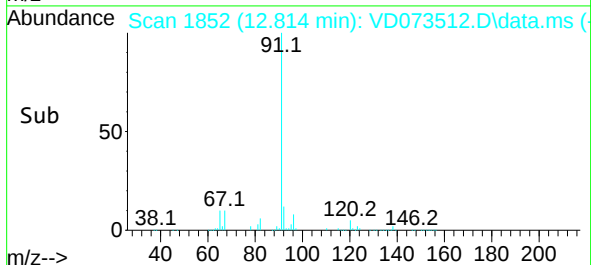
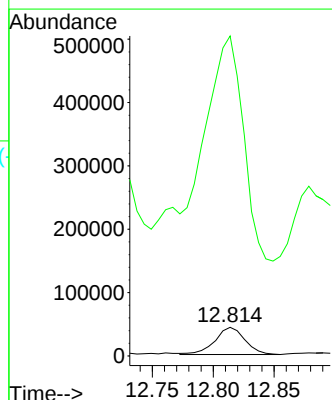
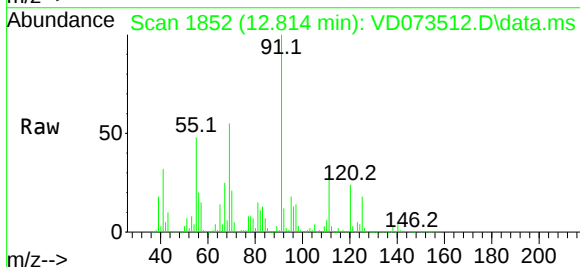
Instrument :
 MSVOA_D
 ClientSampleId :

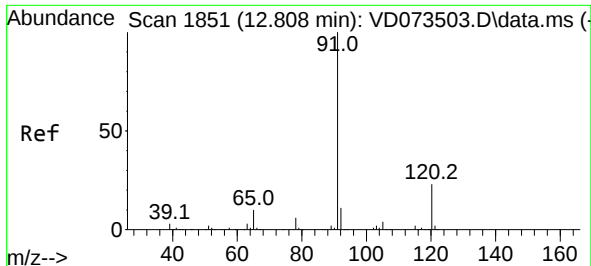
Tgt Ion: 83 Resp: 3695059
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.6 98.0#



#76
 1,2,3-Trichloropropane
 Concen: 22.770 ug/l
 RT: 12.814 min Scan# 1852
 Delta R.T. 0.041 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

Tgt Ion: 75 Resp: 73239
 Ion Ratio Lower Upper
 75 100
 77 1206.6 0.0 0.0#

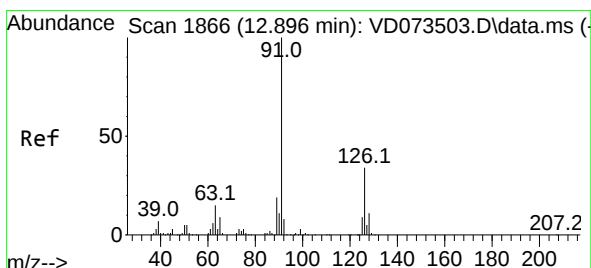
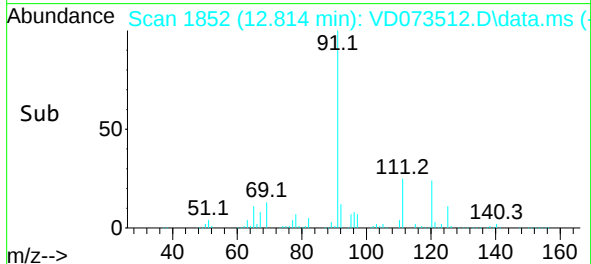
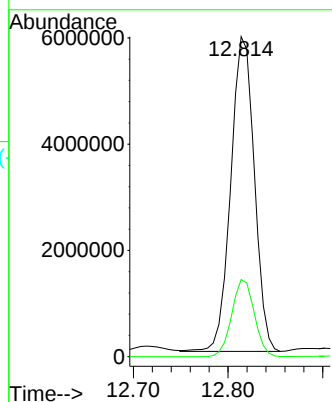
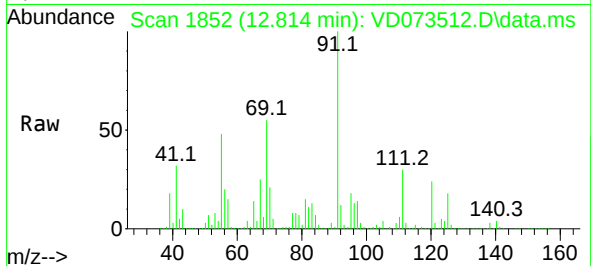




#78
n-propylbenzene
Concen: 358.309 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

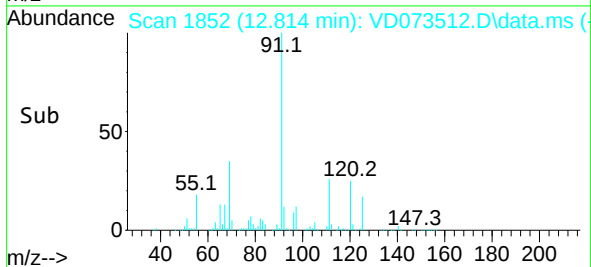
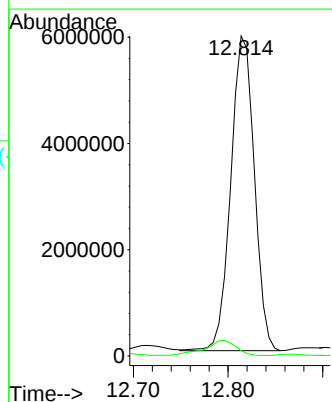
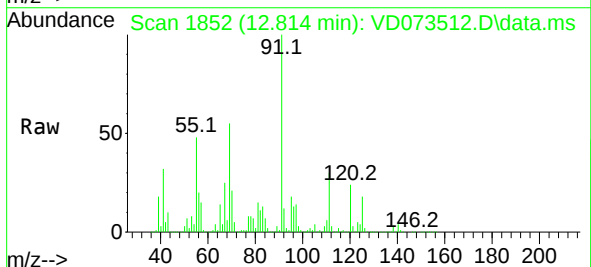
Instrument :
MSVOA_D
ClientSampleId :

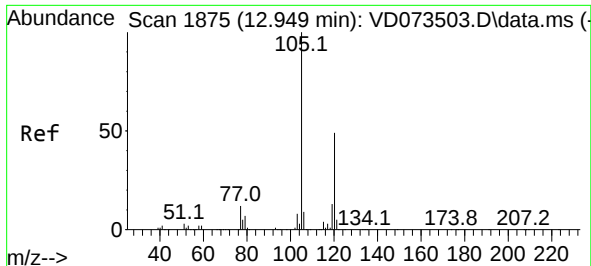
Tgt Ion: 91 Resp:10235508
Ion Ratio Lower Upper
91 100
120 23.4 10.9 32.9



#79
2-Chlorotoluene
Concen: 616.419 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.082 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

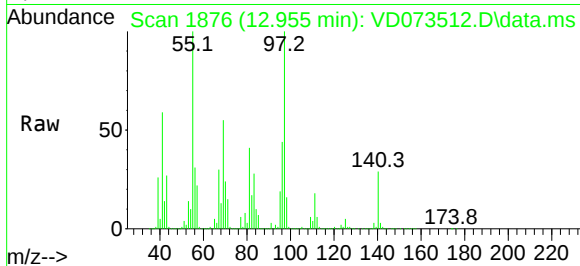
Tgt Ion: 91 Resp:10235508
Ion Ratio Lower Upper
91 100
126 6.4 16.2 48.6#



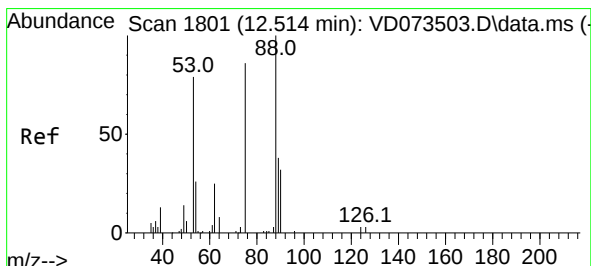
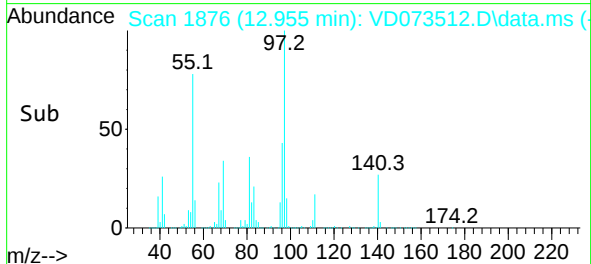
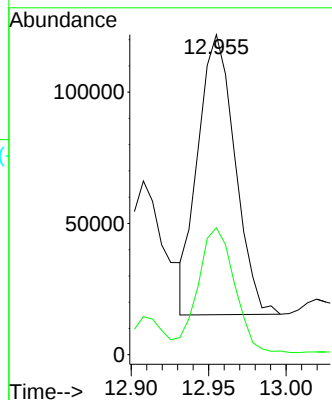


#80
 1,3,5-Trimethylbenzene
 Concen: 8.934 ug/l
 RT: 12.955 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

Instrument :
 MSVOA_D
 ClientSampleId :

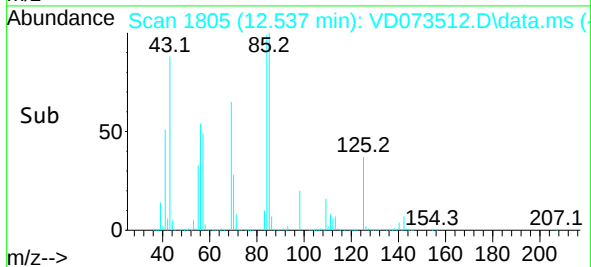
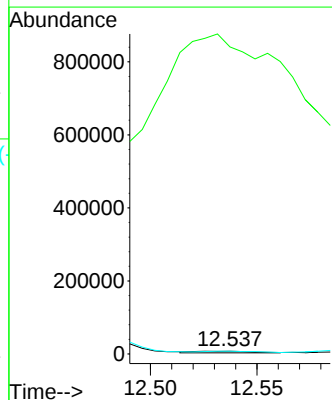
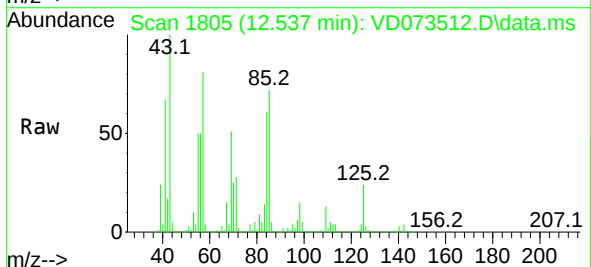


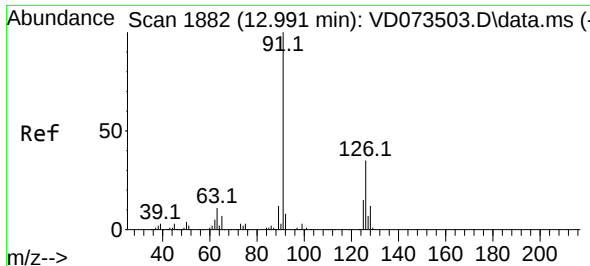
Tgt Ion:105 Resp: 176837
 Ion Ratio Lower Upper
 105 100
 120 44.3 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.409 ug/l
 RT: 12.537 min Scan# 1805
 Delta R.T. 0.023 min
 Lab File: VD073512.D
 Acq: 09 Jun 2022 16:21

Tgt Ion: 75 Resp: 8783
 Ion Ratio Lower Upper
 75 100
 53 31874.2 86.5 129.7#
 89 66.3 33.9 50.9#

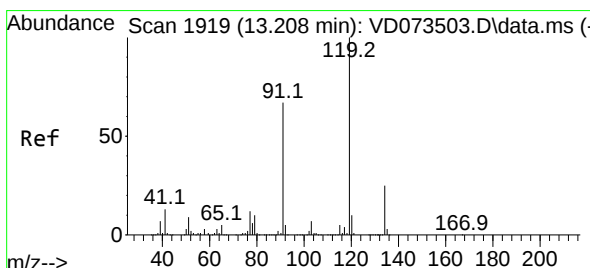
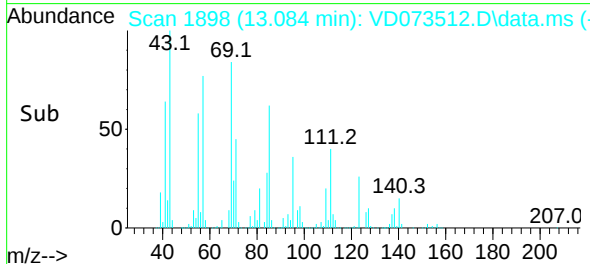
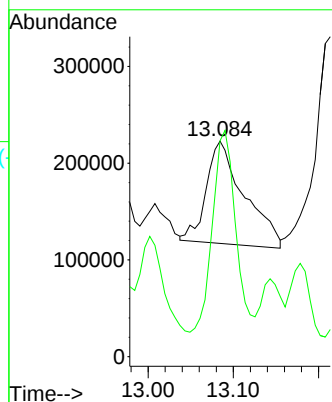
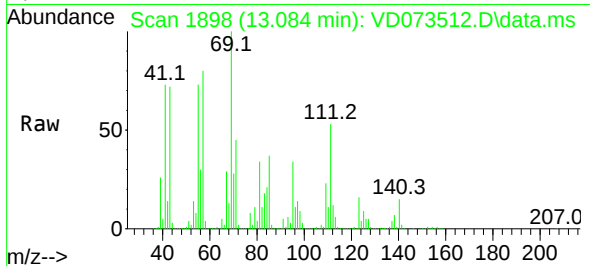




#82
4-Chlorotoluene
Concen: 18.702 ug/l
RT: 13.084 min Scan# 11
Delta R.T. 0.093 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

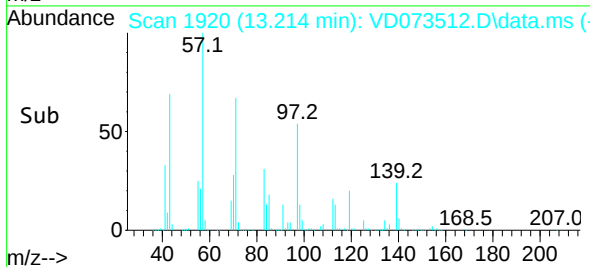
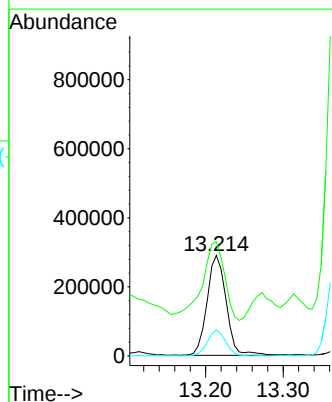
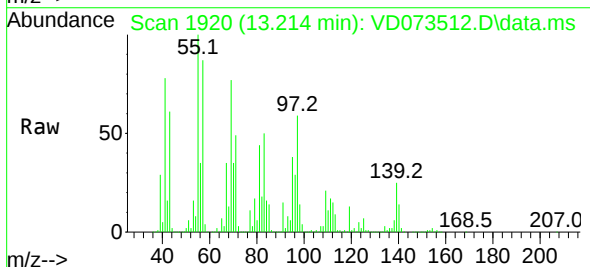
Instrument :
MSVOA_D
ClientSampleId :

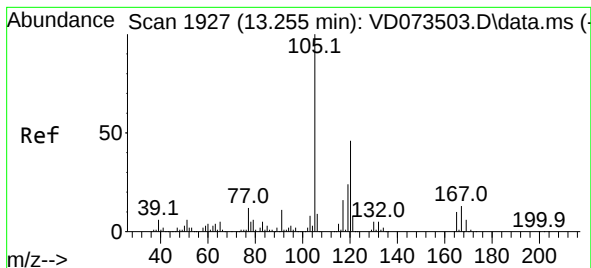
Tgt Ion: 91 Resp: 327395
Ion Ratio Lower Upper
91 100
126 118.9 16.5 49.5#



#83
tert-Butylbenzene
Concen: 29.687 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion: 119 Resp: 496630
Ion Ratio Lower Upper
119 100
91 93.2 34.8 104.5
134 24.7 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 47.762 ug/l

RT: 13.114 min Scan# 1927

Delta R.T. -0.141 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

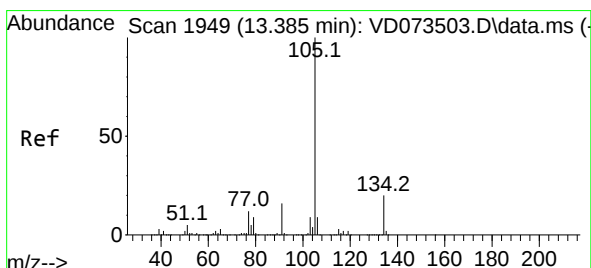
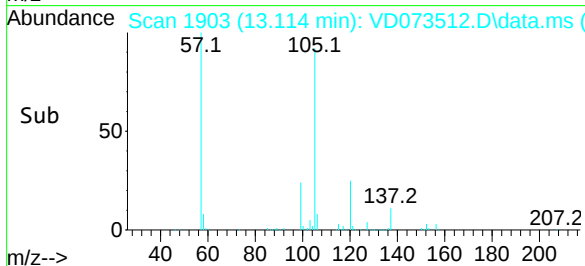
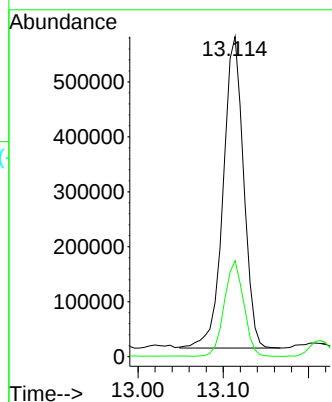
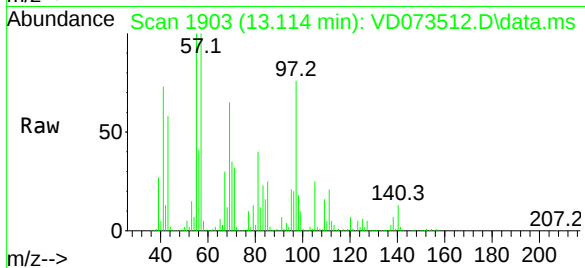
ClientSampleId :

Tgt Ion:105 Resp: 943553

Ion Ratio Lower Upper

105 100

120 29.2 22.3 66.8



#85

sec-Butylbenzene

Concen: 154.064 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.005 min

Lab File: VD073512.D

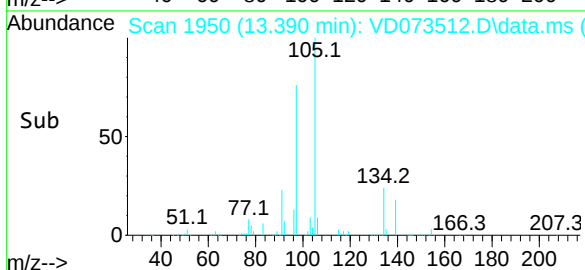
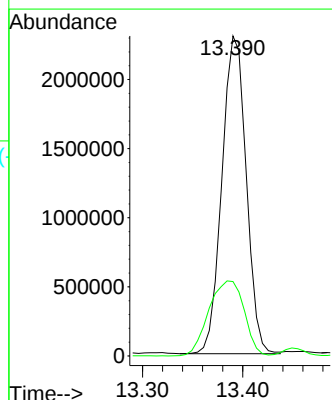
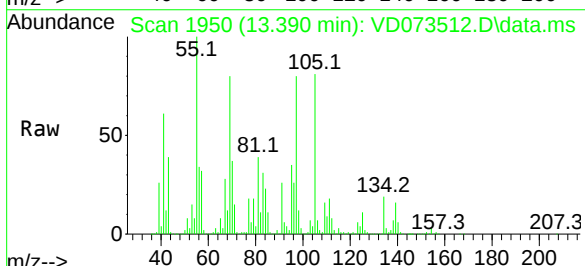
Acq: 09 Jun 2022 16:21

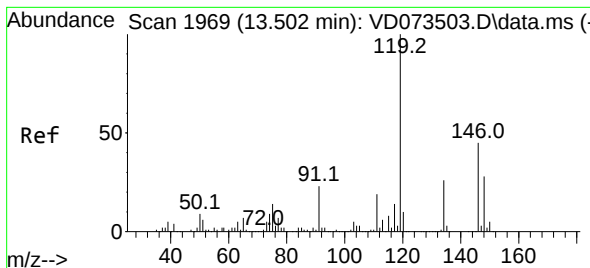
Tgt Ion:105 Resp: 3860860

Ion Ratio Lower Upper

105 100

134 34.4 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 57.063 ug/l

RT: 13.661 min Scan# 1969

Delta R.T. 0.159 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

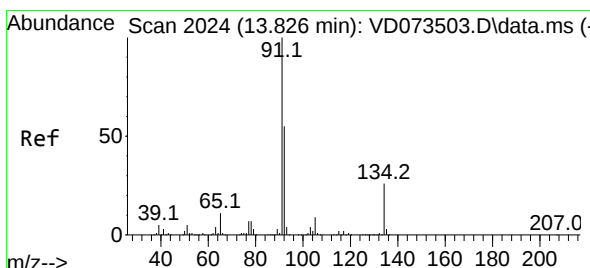
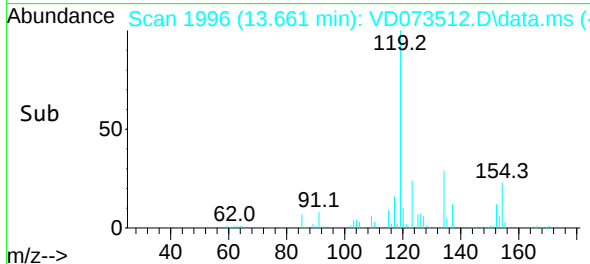
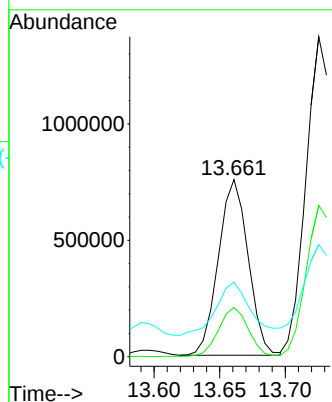
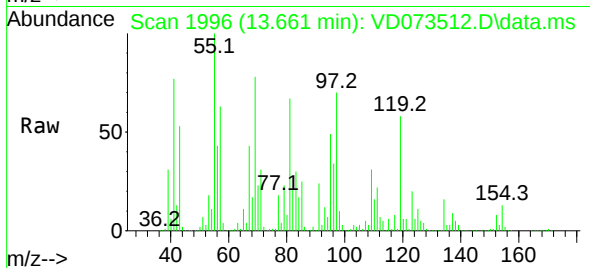
Tgt Ion:119 Resp: 1192052

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

91 33.8 12.1 36.3



#89

n-Butylbenzene

Concen: 107.727 ug/l

RT: 13.831 min Scan# 2025

Delta R.T. 0.005 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

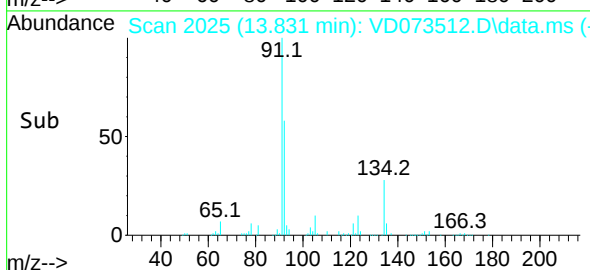
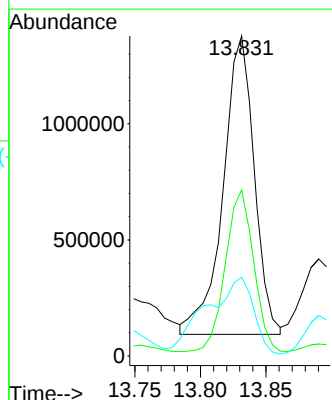
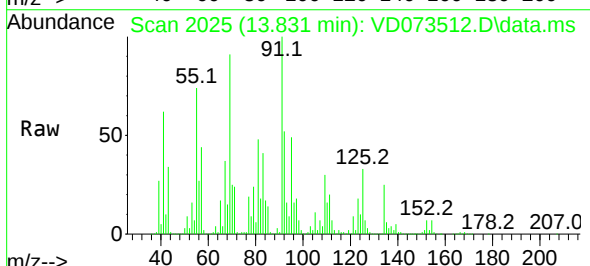
Tgt Ion: 91 Resp: 2122897

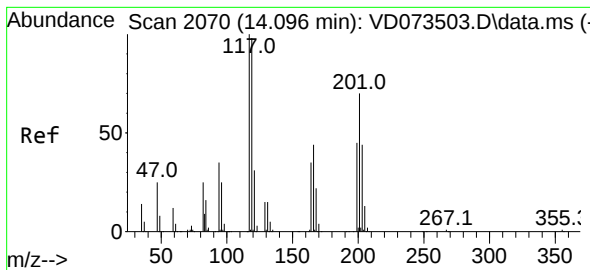
Ion Ratio Lower Upper

91 100

92 49.2 26.6 79.8

134 40.2 12.3 36.9#





#90

Hexachloroethane

Concen: 178.896 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

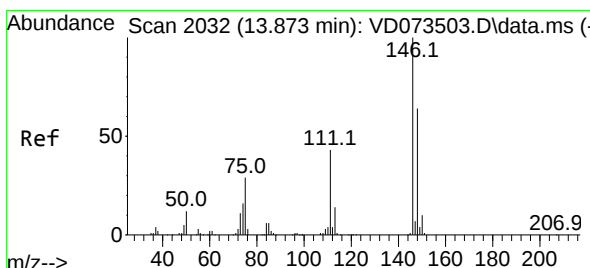
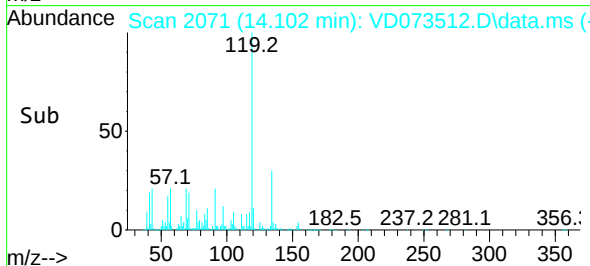
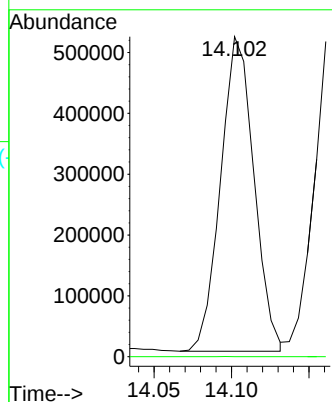
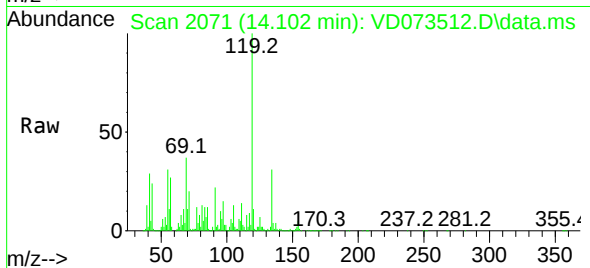
ClientSampleId :

Tgt Ion:117 Resp: 773927

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 1.562 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

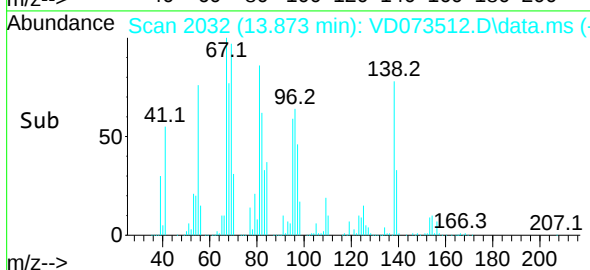
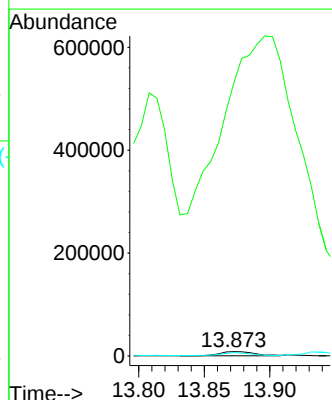
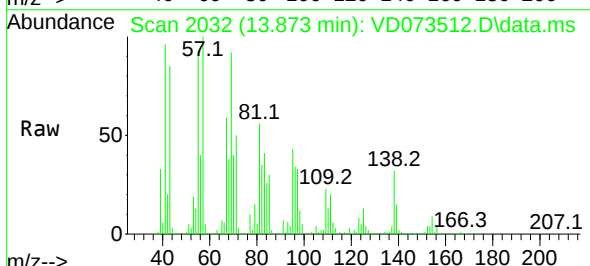
Tgt Ion:146 Resp: 15414

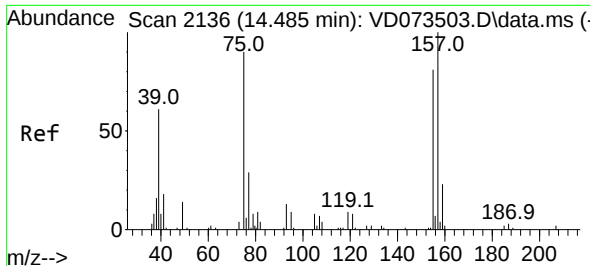
Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.3#

148 56.8 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.010 ug/l

RT: 14.508 min Scan# 2136

Delta R.T. 0.023 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

Instrument :

MSVOA_D

ClientSampleId :

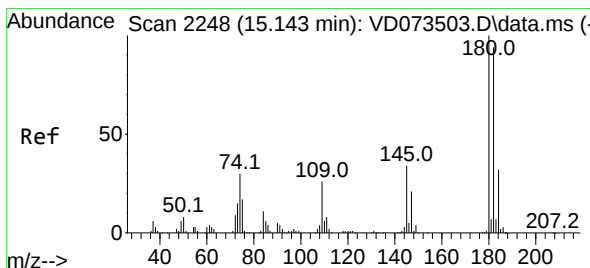
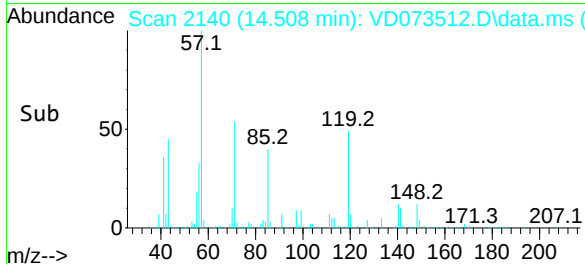
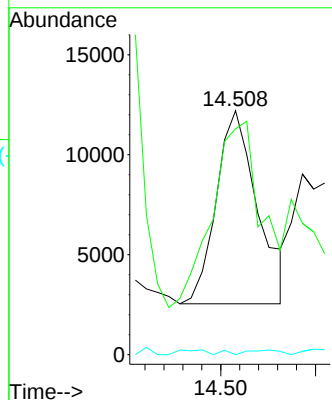
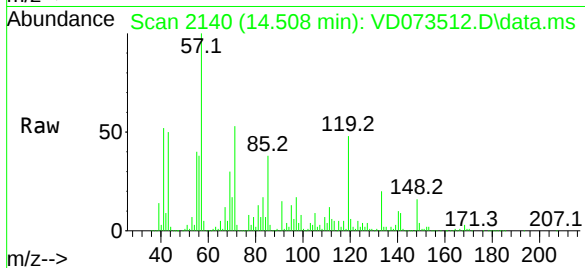
Tgt Ion: 75 Resp: 14619

Ion Ratio Lower Upper

75 100

155 115.9 36.8 110.3#

157 0.0 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 1.185 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. -0.006 min

Lab File: VD073512.D

Acq: 09 Jun 2022 16:21

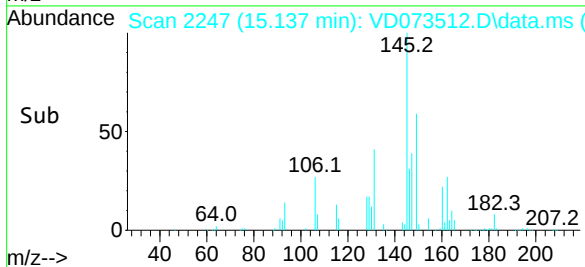
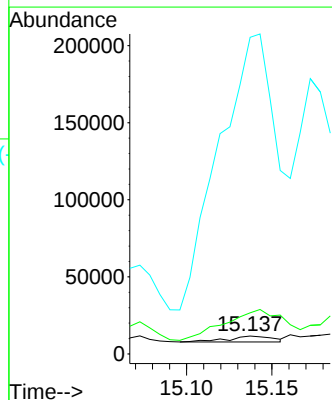
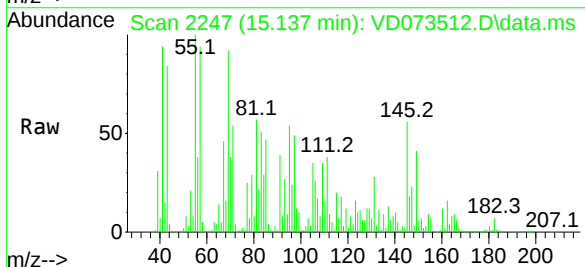
Tgt Ion:180 Resp: 7007

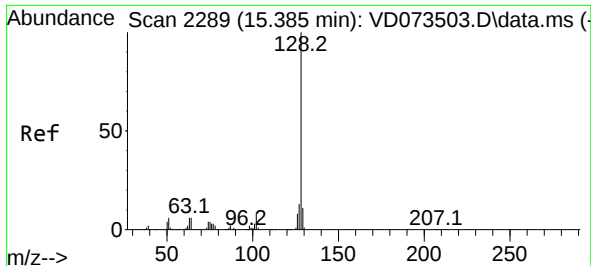
Ion Ratio Lower Upper

180 100

182 700.2 47.3 142.0#

145 7556.0 16.2 48.5#

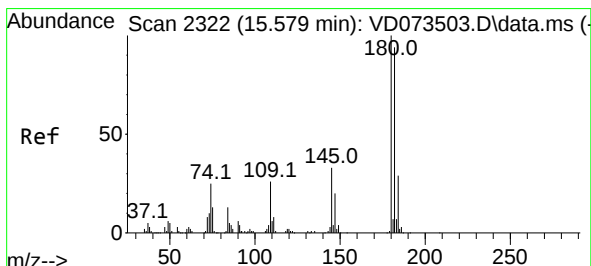
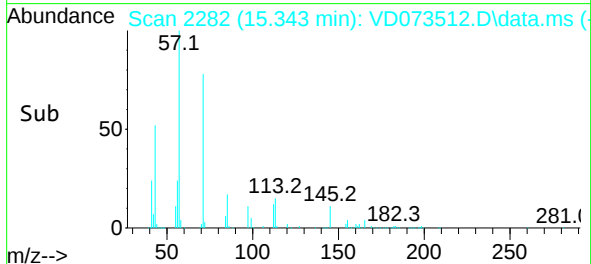
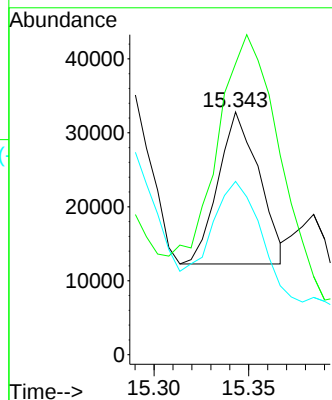
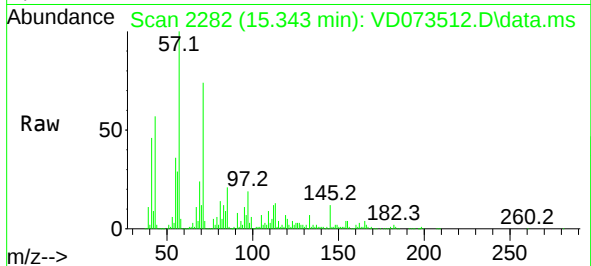




#95
Naphthalene
Concen: 6.571 ug/l
RT: 15.343 min Scan# 21
Delta R.T. -0.042 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 30910
Ion Ratio Lower Upper
128 100
127 278.9 10.3 15.5#
129 106.6 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.861 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.017 min
Lab File: VD073512.D
Acq: 09 Jun 2022 16:21

Tgt Ion:180 Resp: 19930
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 17.1 51.3#

