

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070873.D
 Acq On : 27 Oct 2021 19:35
 Operator : VA/SY
 Sample : M4372-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 03:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	558885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	866019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	784178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	451297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198671	35.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.680%
35) Dibromofluoromethane	7.914	113	253277	44.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.332	98	1309882	60.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.940%
62) 4-Bromofluorobenzene	12.620	95	597002	84.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	168.460%#

Target Compounds				Qvalue		
5) Bromomethane	2.761	94	496	Below Cal	#	7
10) Methyl Iodide	4.303	142	196	3.637	ug/l #	55
11) Tert butyl alcohol	5.197	59	712	2.383	ug/l #	71
13) Acrolein	4.138	56	71706	267.666	ug/l #	77
14) Allyl chloride	4.950	41	484883	54.888	ug/l #	55
15) Acrylonitrile	5.491	53	57463	43.321	ug/l #	41
16) Acetone	4.138	43	179987	137.633	ug/l #	52
18) Methyl Acetate	4.950	43	1285500	286.737	ug/l #	51
20) Methylene Chloride	4.955	84	51606	1.703	ug/l #	26
23) Vinyl Acetate	6.332	43	2720	14.692	ug/l #	72
25) 2-Butanone	7.197	43	44206	27.464	ug/l #	51
26) 2,2-Dichloropropane	7.020	77	12184	1.237	ug/l #	52
29) Tetrahydrofuran	7.561	42	2423	2.492	ug/l #	34
30) Chloroform	7.667	83	40520	3.270	ug/l #	18
31) Cyclohexane	7.967	56	889191	77.634	ug/l #	81
36) 1,1-Dichloropropene	7.973	75	40458	4.465	ug/l #	72
37) Ethyl Acetate	7.197	43	44206	13.122	ug/l #	68
38) Carbon Tetrachloride	7.979	117	55445	6.085	ug/l #	19
39) Methylcyclohexane	9.349	83	2237079	214.558	ug/l	96
41) Methacrylonitrile	7.555	41	11095	6.226	ug/l #	54
43) Isopropyl Acetate	8.449	43	232969	37.202	ug/l #	47
45) 1,2-Dichloropropane	9.344	63	20218	2.895	ug/l #	1
47) Bromodichloromethane	9.632	83	51783	5.850	ug/l #	32
48) Methyl methacrylate	9.485	41	48719	16.283	ug/l #	15
51) 4-Methyl-2-Pentanone	10.261	43	82187	25.028	ug/l #	76
55) 1,1,2-Trichloroethane	10.767	97	644380	132.691	ug/l #	21
56) Ethyl methacrylate	10.673	69	279709	47.181	ug/l #	26
59) 2-Hexanone	10.943	43	832731	355.237	ug/l #	27
69) o-Xylene	12.173	106	10750	1.088	ug/l #	19
73) Isopropylbenzene	12.467	105	158908	5.279	ug/l	100
74) N-amyl acetate	12.261	43	1692698	255.682	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.696	83	134133	21.837	ug/l #	45
76) 1,2,3-Trichloropropane	12.620	75	150851	33.955	ug/l #	1
78) n-propylbenzene	12.808	91	197227	5.105	ug/l	94
79) 2-Chlorotoluene	12.890	91	43048	1.919	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.108	105	94738	3.708	ug/l	70

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

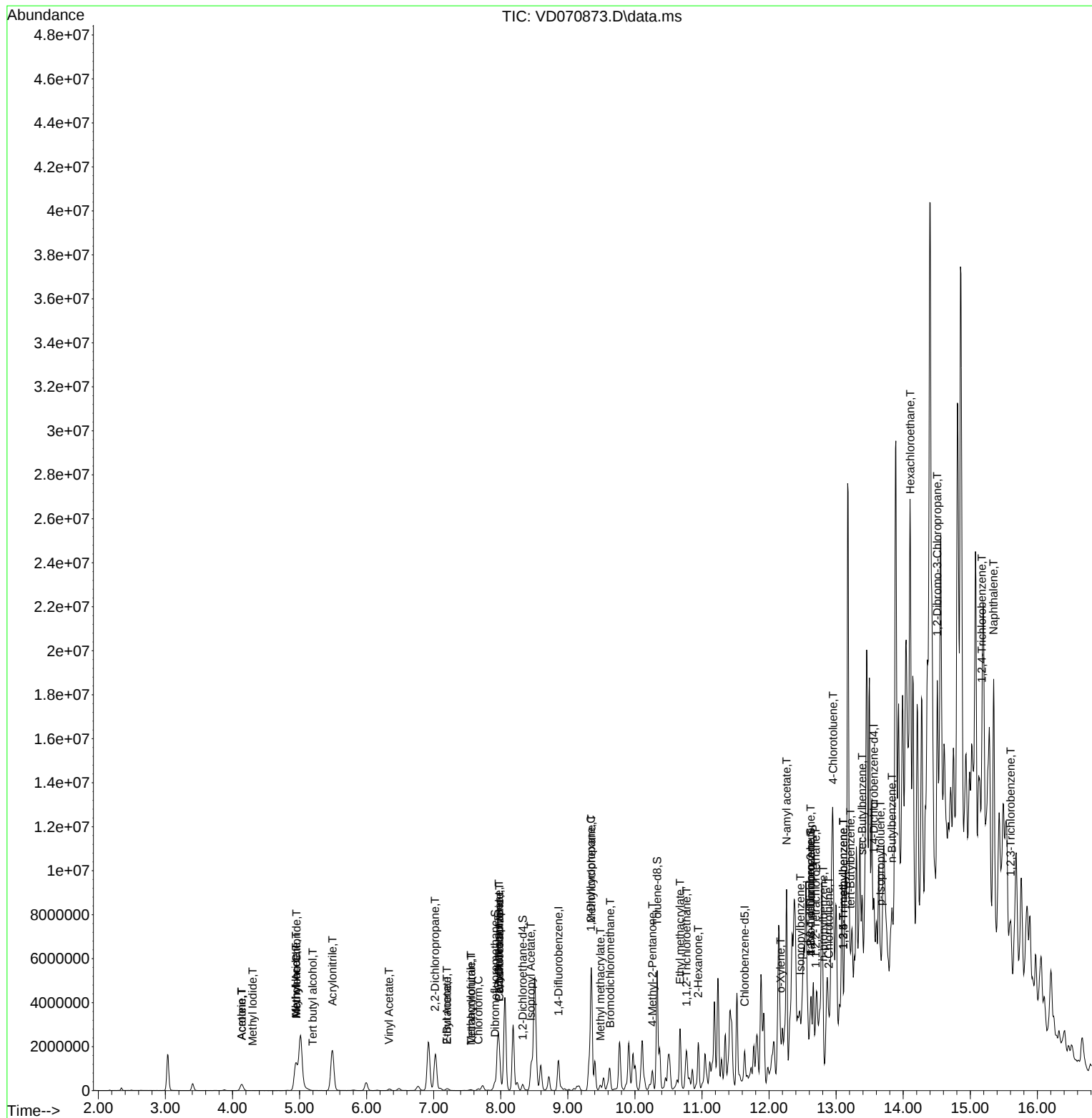
81) trans-1,4-Dichloro-2-b...	12.620	75	150851	89.121	ug/l	#	35
82) 4-Chlorotoluene	12.955	91	43318	1.858	ug/l	#	1
83) tert-Butylbenzene	13.214	119	94033	4.414	ug/l	#	62
84) 1,2,4-Trimethylbenzene	13.108	105	94738	3.761	ug/l	#	75
85) sec-Butylbenzene	13.390	105	749544	22.308	ug/l	#	65
86) p-Isopropyltoluene	13.661	119	414712	15.342	ug/l	#	83
89) n-Butylbenzene	13.832	91	822691	31.062	ug/l	#	81
90) Hexachloroethane	14.108	117	561813	92.617	ug/l	#	14
92) 1,2-Dibromo-3-Chloropr...	14.508	75	15441	17.254	ug/l	#	38
93) 1,2,4-Trichlorobenzene	15.173	180	46458	6.221	ug/l	#	1
95) Naphthalene	15.349	128	160948	14.543	ug/l	#	1
96) 1,2,3-Trichlorobenzene	15.602	180	33735	5.199	ug/l	#	13

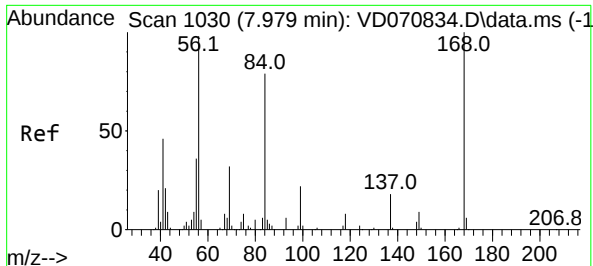
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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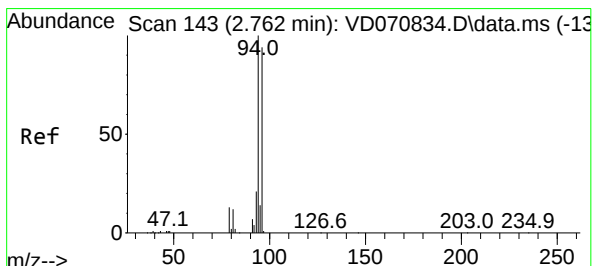
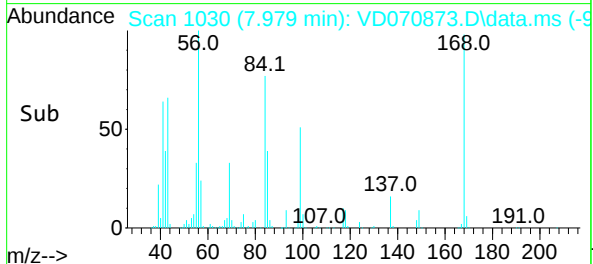
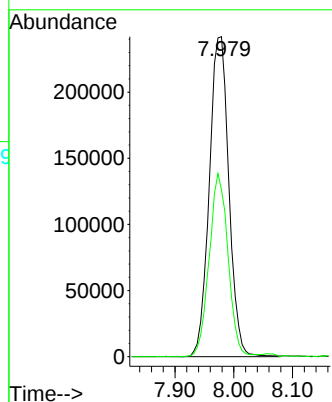
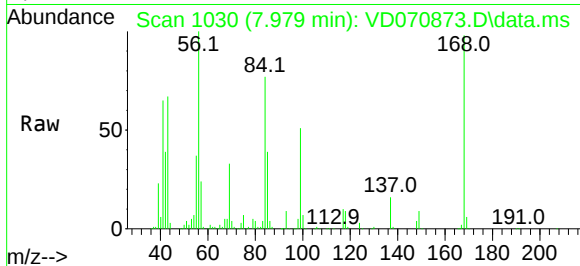




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

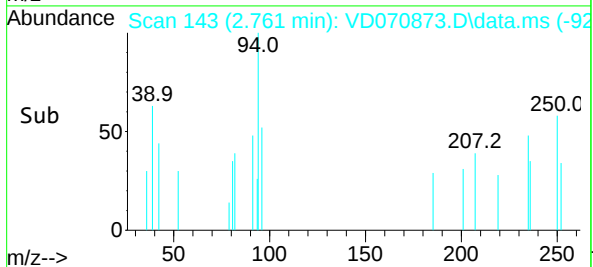
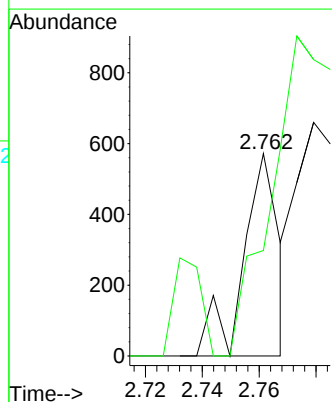
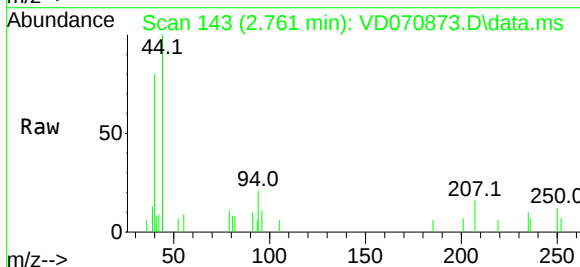
Instrument :
MSVOA_D
ClientSampled :

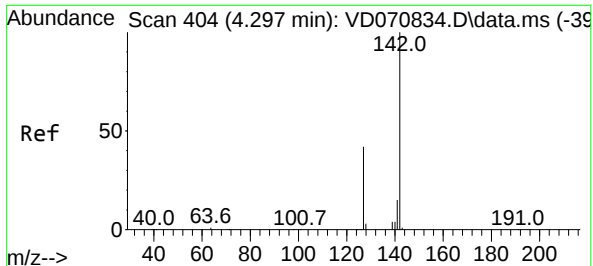
Tgt Ion:168 Resp: 558885
Ion Ratio Lower Upper
168 100
99 52.1 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.761 min Scan# 143
Delta R.T. -0.001 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

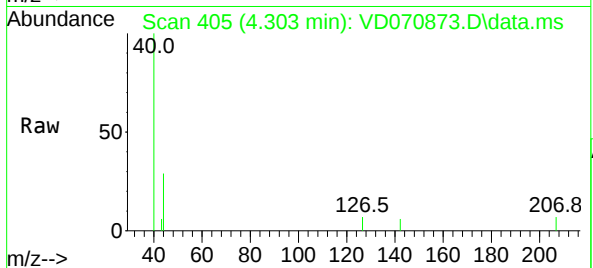
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 3.7 74.8 112.2#



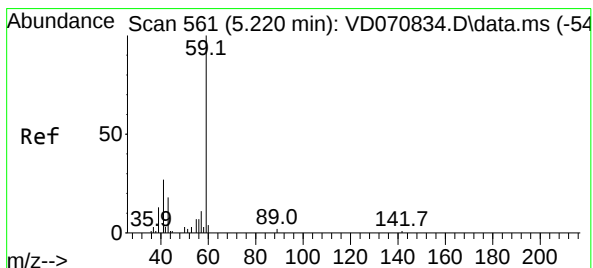
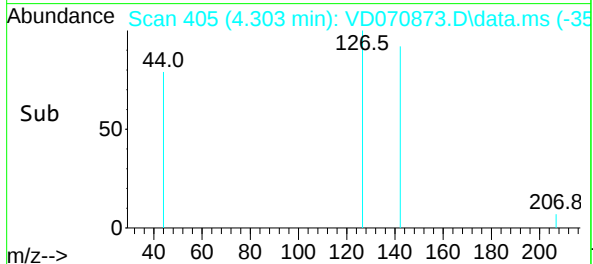
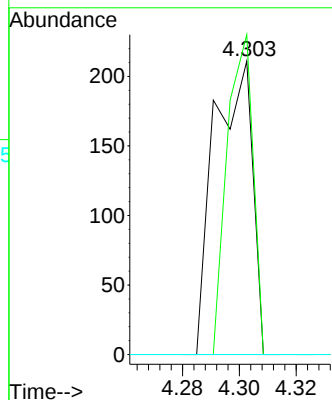


#10
Methyl Iodide
Concen: 3.637 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampled :

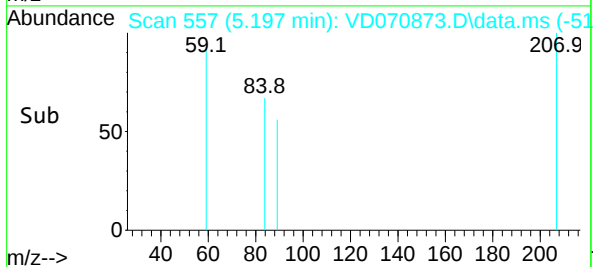
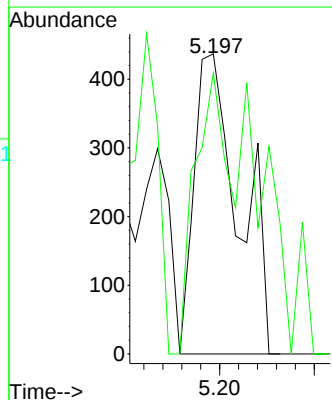
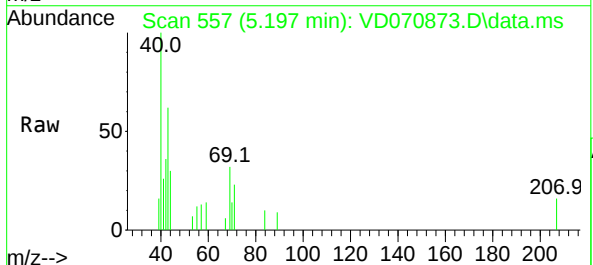


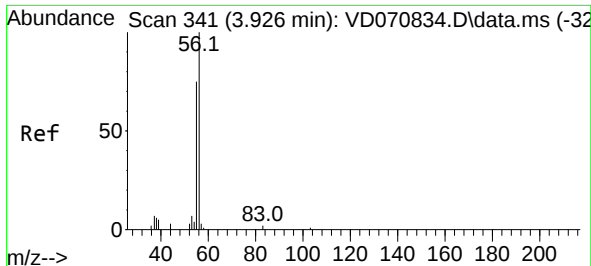
Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
127 74.5 35.0 52.4#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 2.383 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.024 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 59 Resp: 712
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

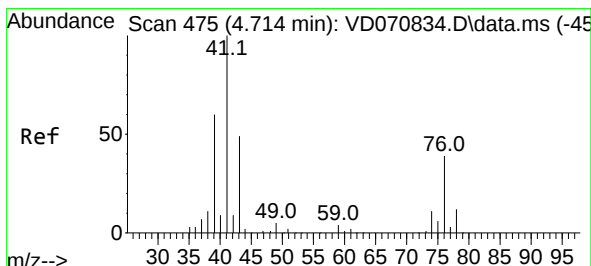
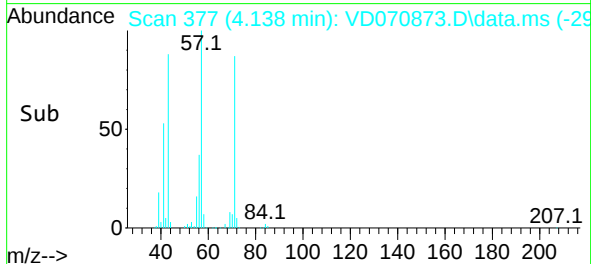
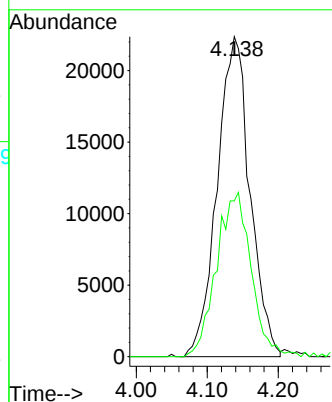
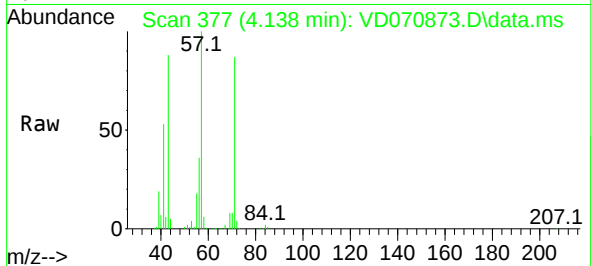




#13
Acrolein
Concen: 267.666 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.212 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

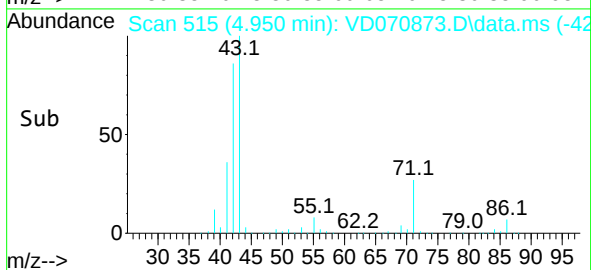
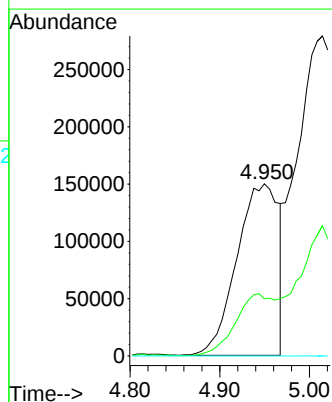
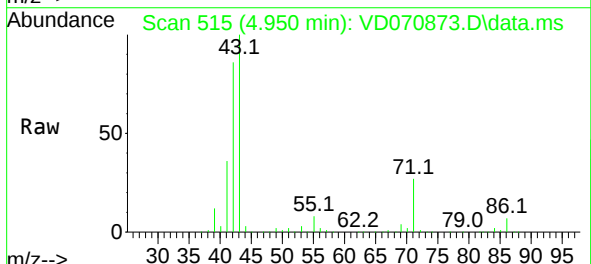
Instrument :
MSVOA_D
ClientSampled :

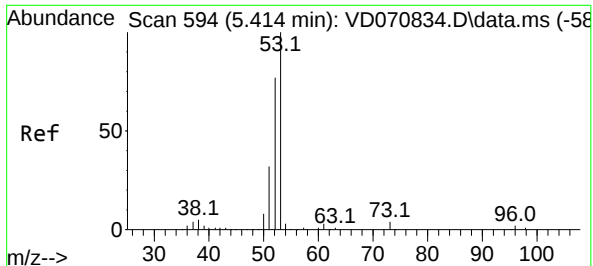
Tgt Ion: 56 Resp: 71706
Ion Ratio Lower Upper
56 100
55 53.7 58.6 87.8#



#14
Allyl chloride
Concen: 54.888 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

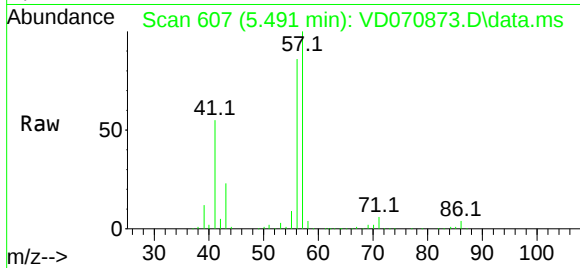
Tgt Ion: 41 Resp: 484883
Ion Ratio Lower Upper
41 100
39 32.8 45.6 68.4#
76 0.0 30.2 45.4#



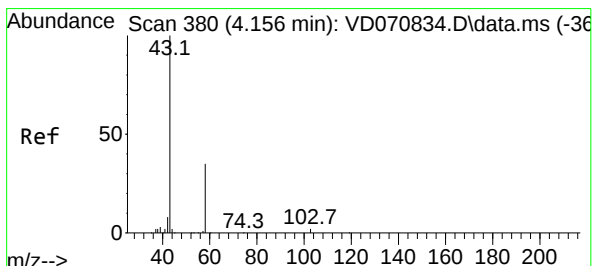
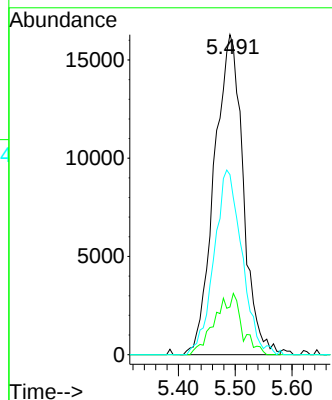
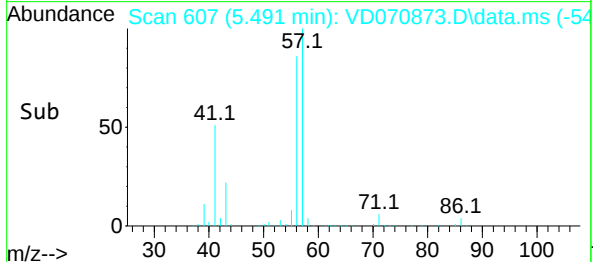


#15
Acrylonitrile
Concen: 43.321 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.076 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

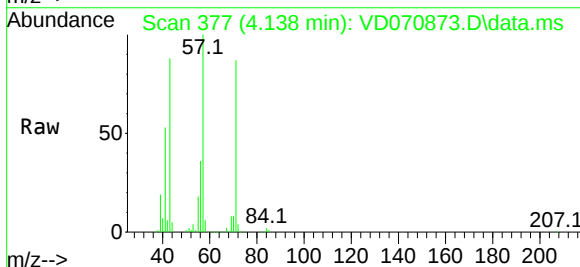
Instrument :
MSVOA_D
ClientSampled :



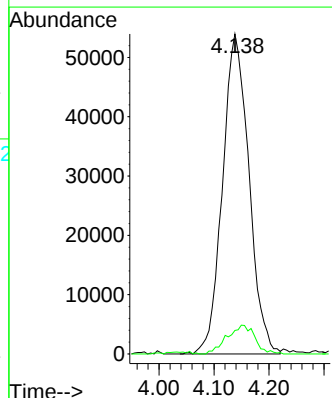
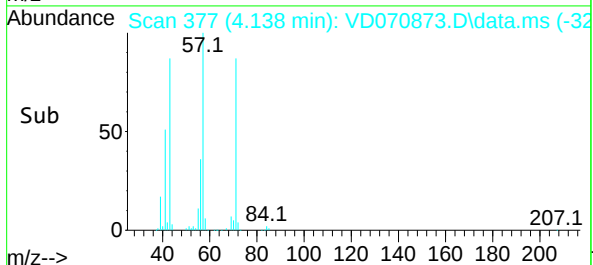
Tgt Ion: 53 Resp: 57463
Ion Ratio Lower Upper
53 100
52 18.0 63.8 95.8#
51 55.8 28.5 42.7#

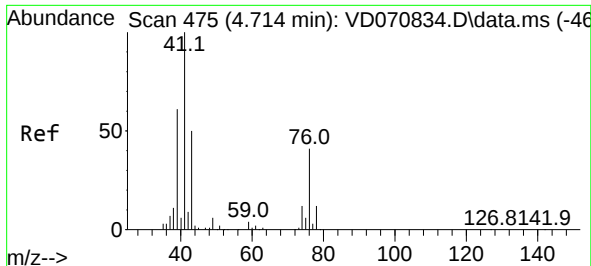


#16
Acetone
Concen: 137.633 ug/l
RT: 4.138 min Scan# 377
Delta R.T. -0.018 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35



Tgt Ion: 43 Resp: 179987
Ion Ratio Lower Upper
43 100
58 6.9 27.8 41.8#

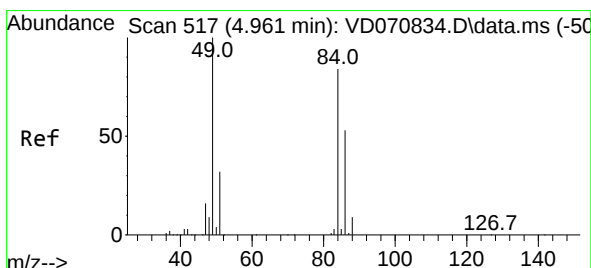
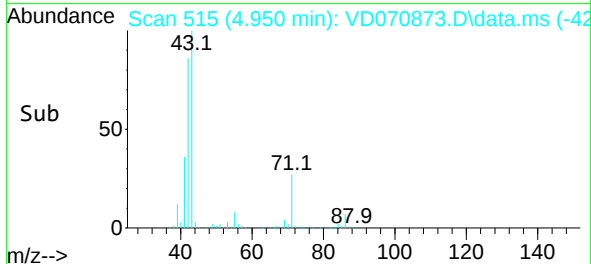
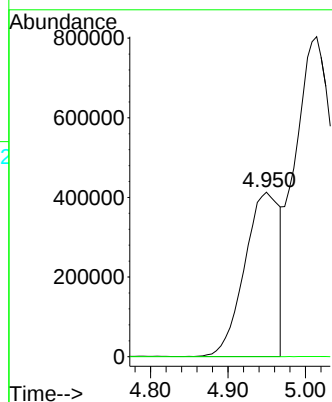
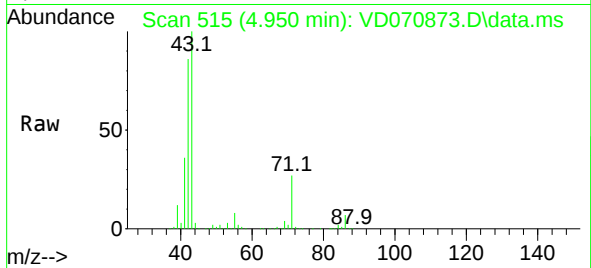




#18
Methyl Acetate
Concen: 286.737 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

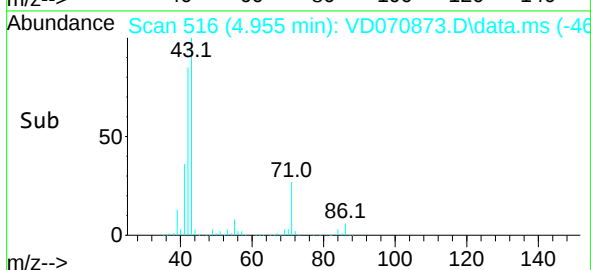
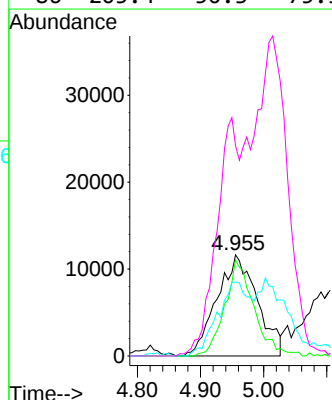
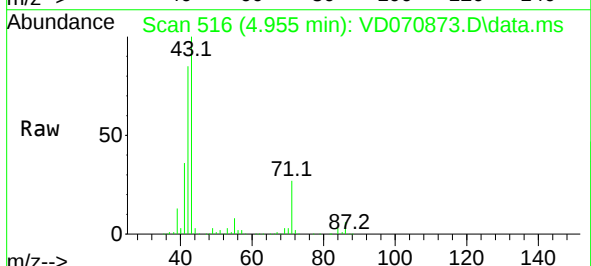
Instrument :
MSVOA_D
ClientSampleId :

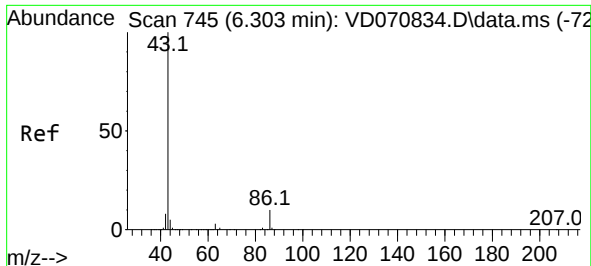
Tgt Ion: 43 Resp: 1285500
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#20
Methylene Chloride
Concen: 1.703 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 84 Resp: 51606
Ion Ratio Lower Upper
84 100
49 95.0 95.8 143.6#
51 72.8 30.9 46.3#
86 205.4 50.3 75.5#

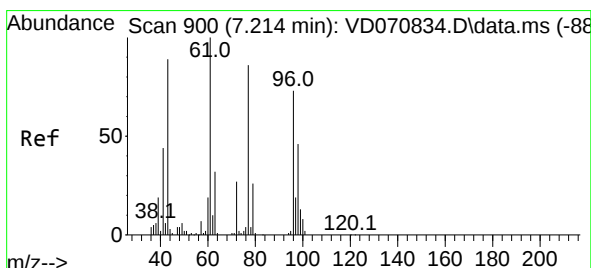
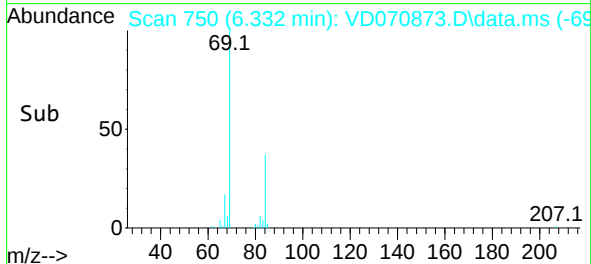
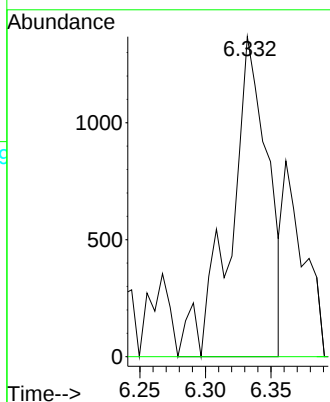
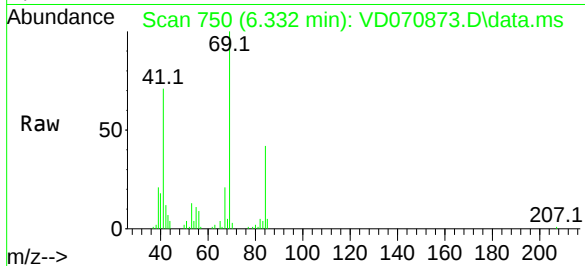




#23
 Vinyl Acetate
 Concen: 14.692 ug/l
 RT: 6.332 min Scan# 750
 Delta R.T. 0.029 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

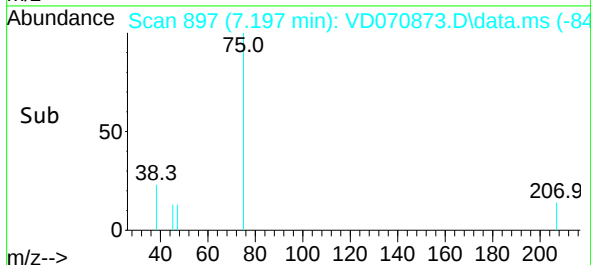
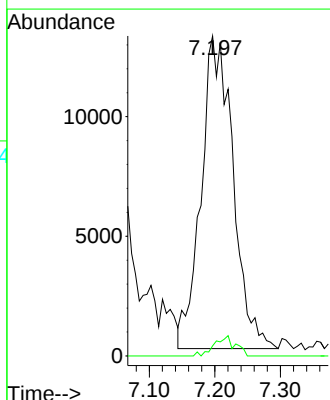
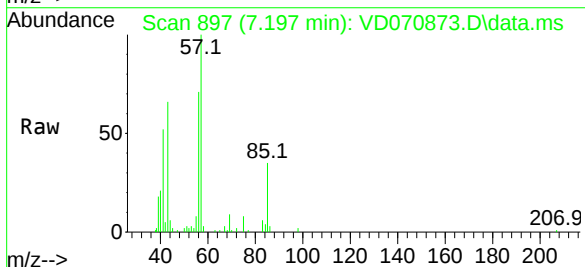
Instrument :
 MSVOA_D
 ClientSampled :

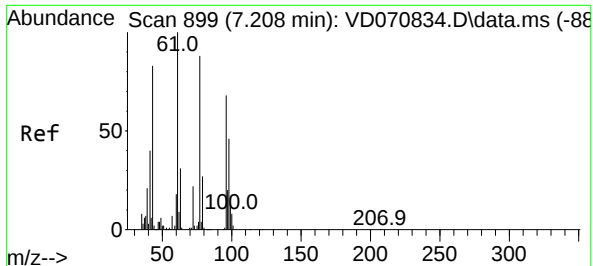
Tgt Ion: 43 Resp: 2720
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 27.464 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.018 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

Tgt Ion: 43 Resp: 44206
 Ion Ratio Lower Upper
 43 100
 72 3.2 23.8 35.6#

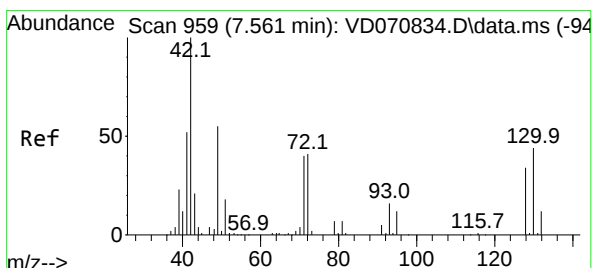
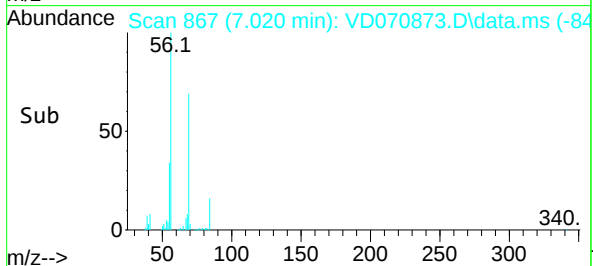
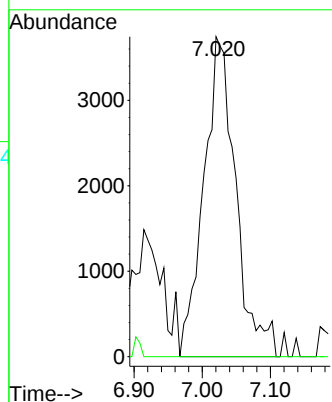
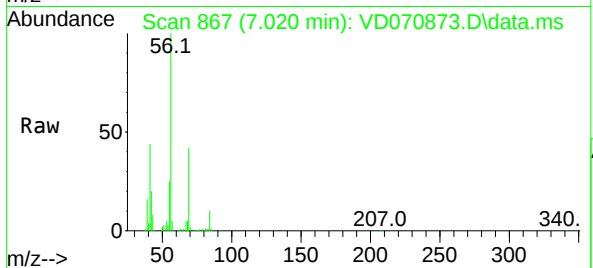




#26
2,2-Dichloropropane
Concen: 1.237 ug/l
RT: 7.020 min Scan# 867
Delta R.T. -0.188 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

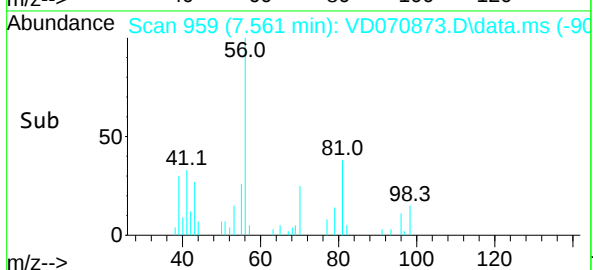
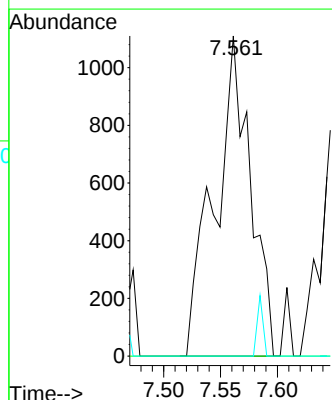
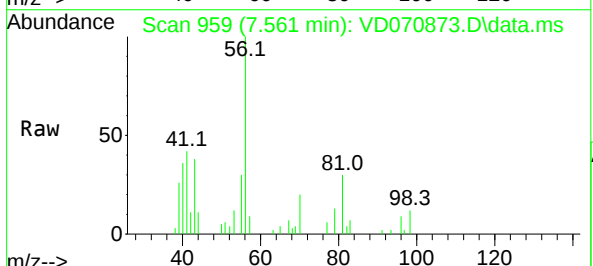
Instrument :
MSVOA_D
ClientSampled :

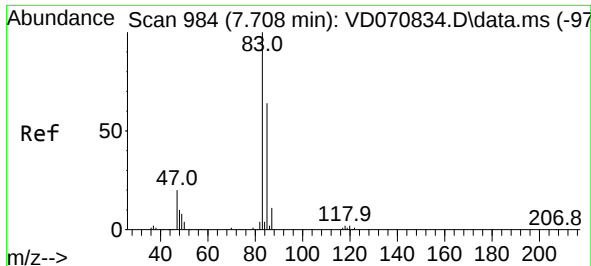
Tgt Ion: 77 Resp: 12184
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#29
Tetrahydrofuran
Concen: 2.492 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 42 Resp: 2423
Ion Ratio Lower Upper
42 100
72 0.0 33.7 50.5#
71 0.0 32.7 49.1#

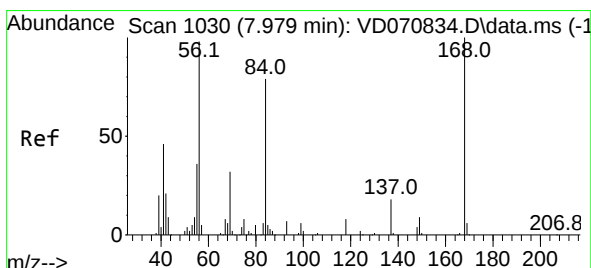
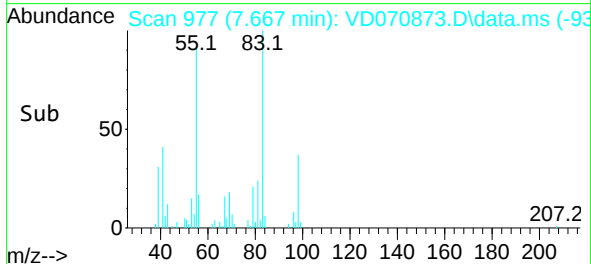
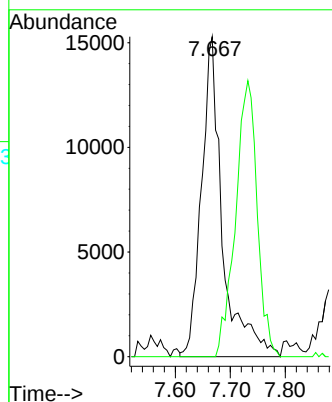
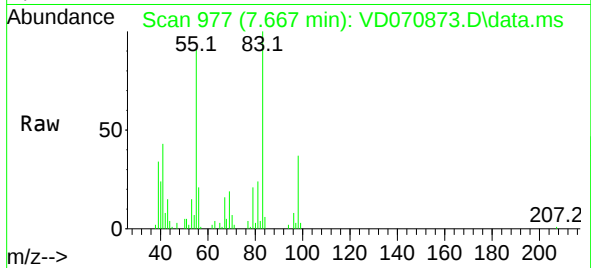




#30
Chloroform
Concen: 3.270 ug/l
RT: 7.667 min Scan# 977
Delta R.T. -0.041 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

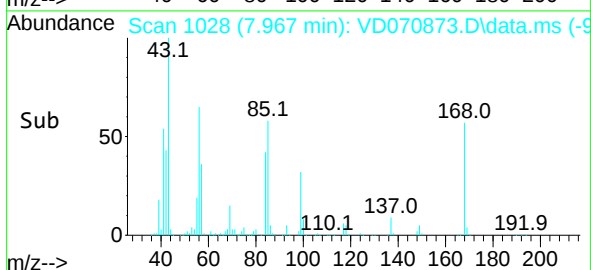
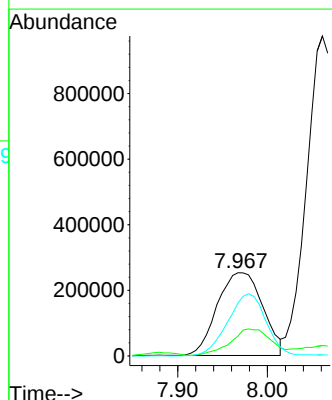
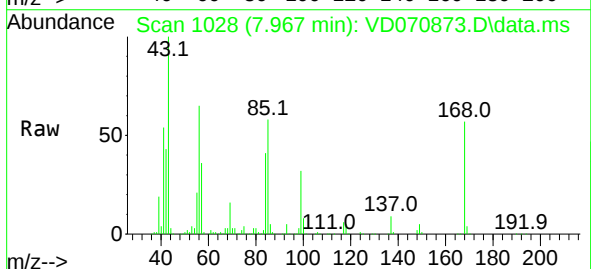
Instrument :
MSVOA_D
ClientSampleId :

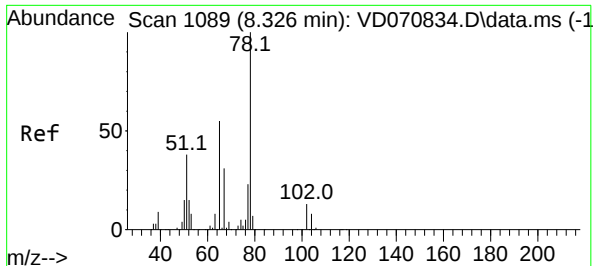
Tgt Ion: 83 Resp: 40520
Ion Ratio Lower Upper
83 100
85 0.0 51.0 76.6#



#31
Cyclohexane
Concen: 77.634 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 56 Resp: 889191
Ion Ratio Lower Upper
56 100
69 21.8 25.9 38.9#
84 63.9 64.3 96.5#

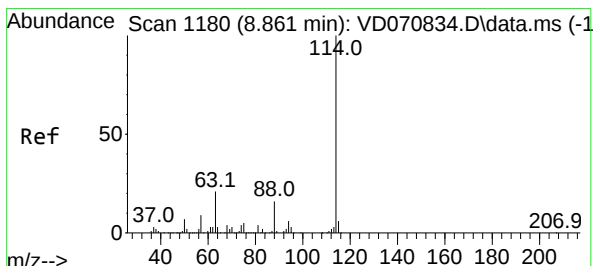
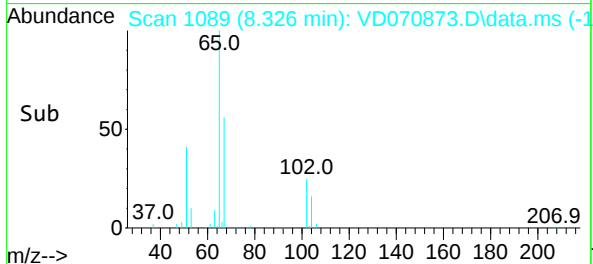
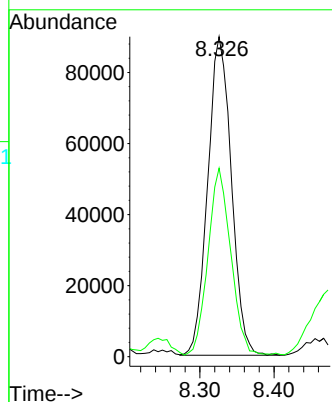
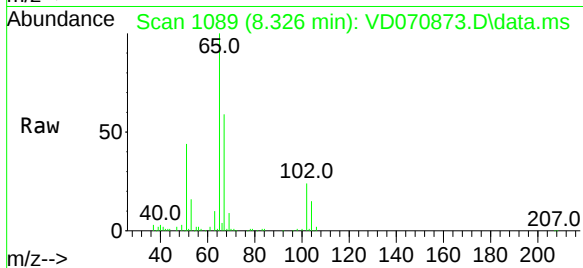




#33
1,2-Dichloroethane-d4
Concen: 35.344 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

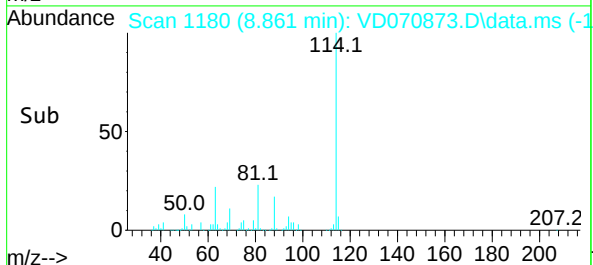
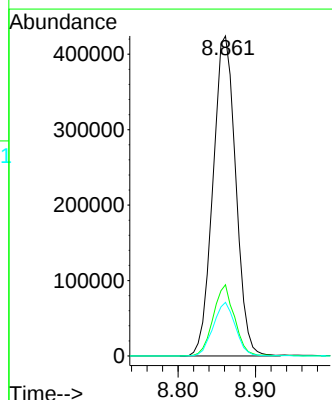
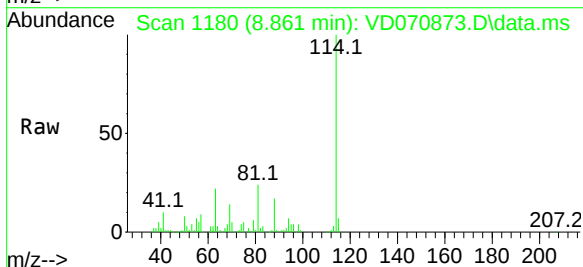
Instrument :
MSVOA_D
ClientSampled :

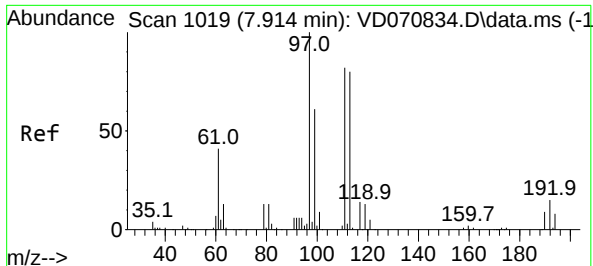
Tgt Ion: 65 Resp: 198671
Ion Ratio Lower Upper
65 100
67 56.4 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 114 Resp: 866019
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.356 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

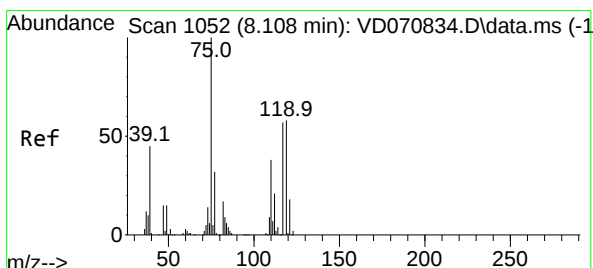
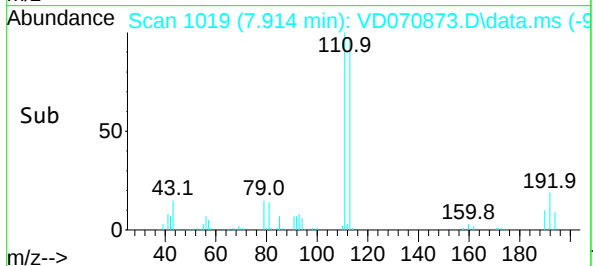
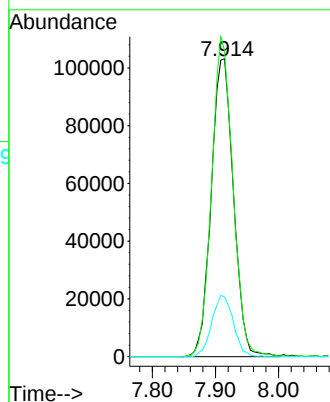
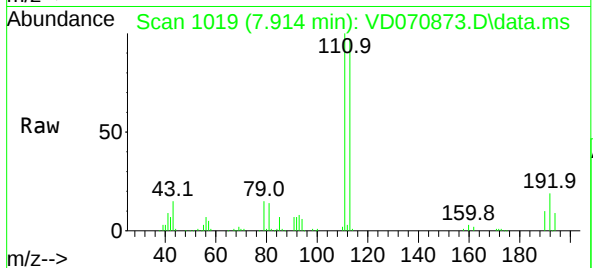
Tgt Ion:113 Resp: 253277

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 19.8 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.465 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

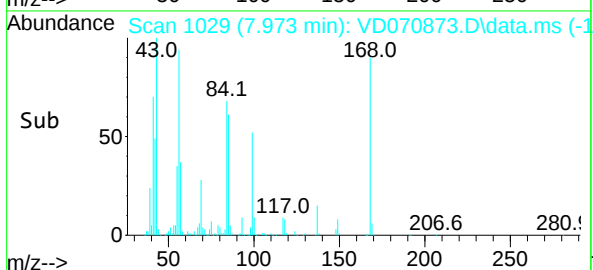
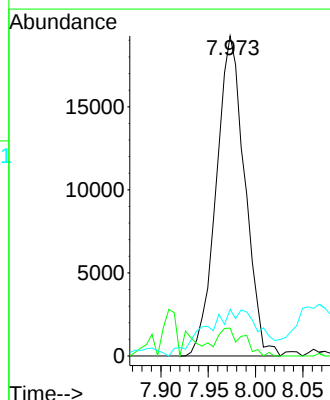
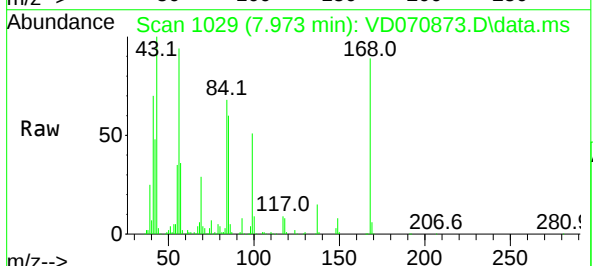
Tgt Ion: 75 Resp: 40458

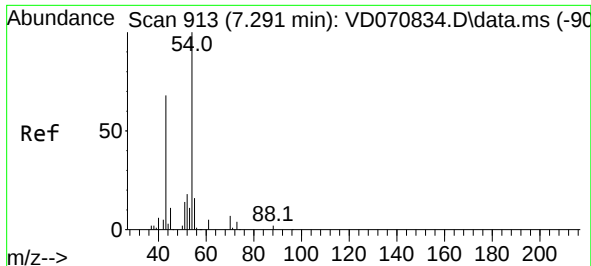
Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.4#

77 27.3 24.8 37.2





#37

Ethyl Acetate

Concen: 13.122 ug/l

RT: 7.197 min Scan# 897

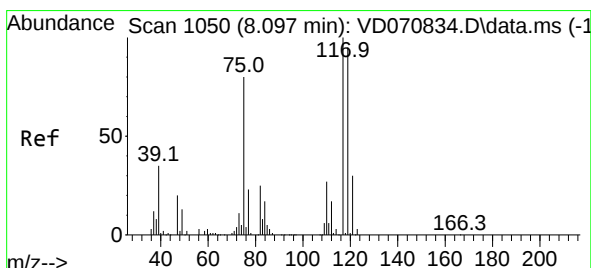
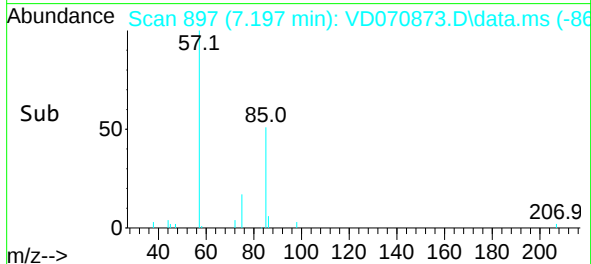
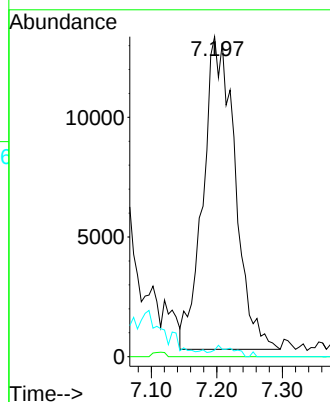
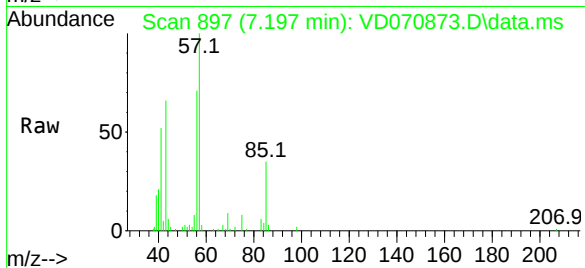
Delta R.T. -0.094 min

Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	43	Resp:	44206
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.6#
70	2.1	8.7	13.1#



#38

Carbon Tetrachloride

Concen: 6.085 ug/l

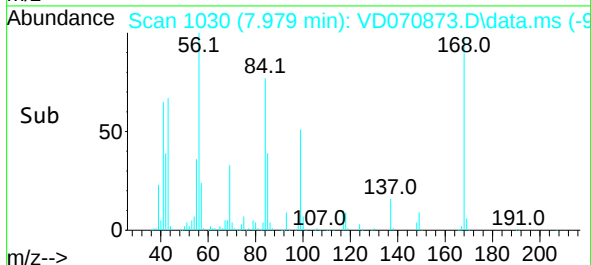
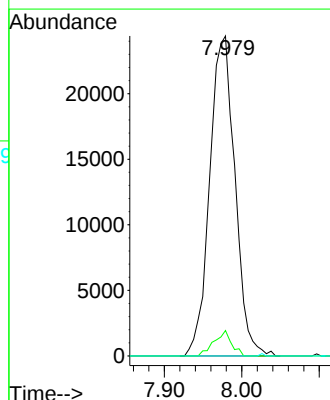
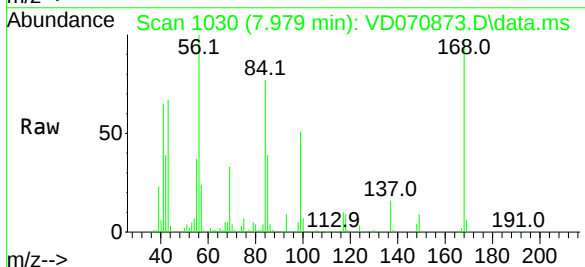
RT: 7.979 min Scan# 1030

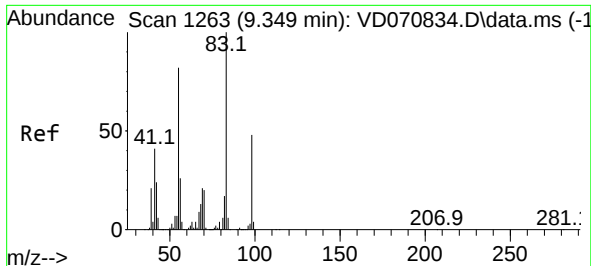
Delta R.T. -0.118 min

Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

Tgt Ion:	117	Resp:	55445
Ion	Ratio	Lower	Upper
117	100		
119	8.0	75.8	113.6#
121	0.0	23.6	35.4#





#39

Methylcyclohexane

Concen: 214.558 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

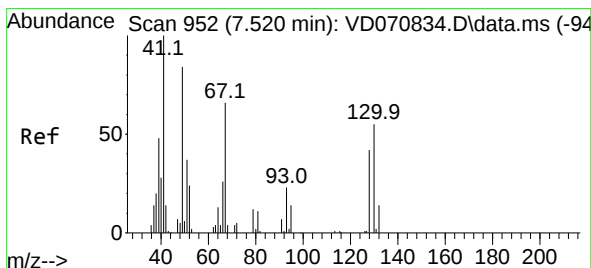
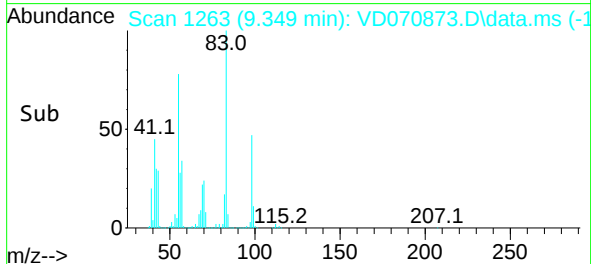
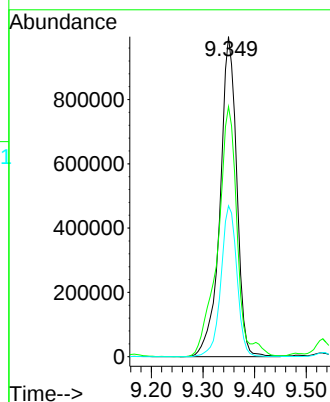
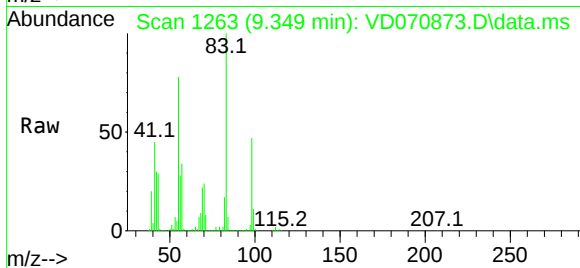
Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

Tgt Ion: 83 Resp: 2237079

Ion	Ratio	Lower	Upper
83	100		
55	78.2	65.8	98.8
98	47.2	38.7	58.1

Instrument :
MSVOA_D
ClientSampleId :



#41

Methacrylonitrile

Concen: 6.226 ug/l

RT: 7.555 min Scan# 958

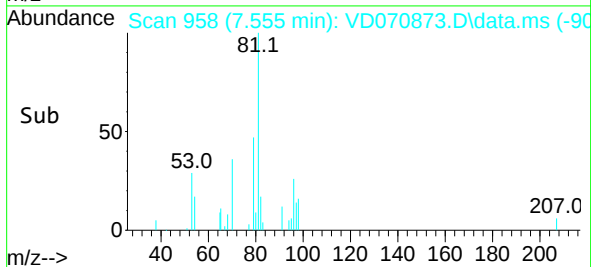
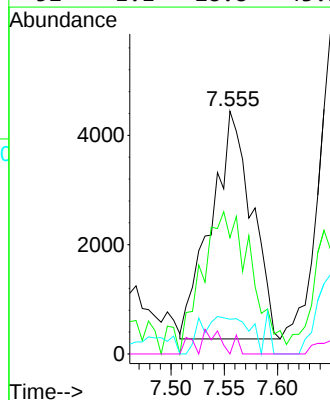
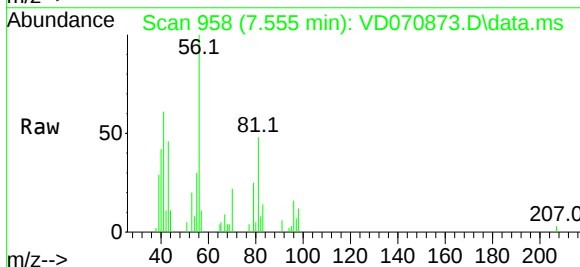
Delta R.T. 0.035 min

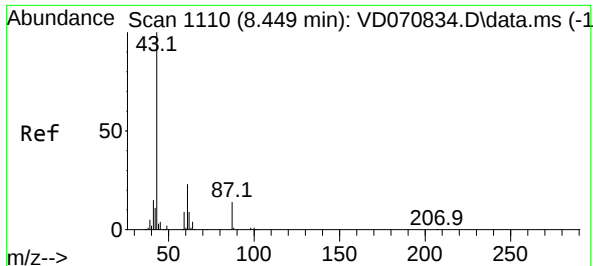
Lab File: VD070873.D

Acq: 27 Oct 2021 19:35

Tgt Ion: 41 Resp: 11095

Ion	Ratio	Lower	Upper
41	100		
39	75.6	60.2	90.4
67	19.0	74.8	112.2#
52	1.1	28.8	43.2#

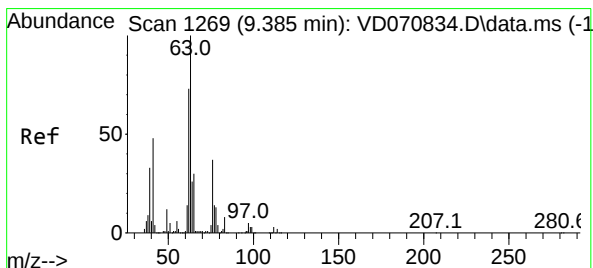
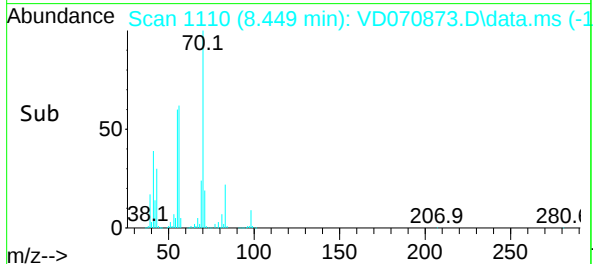
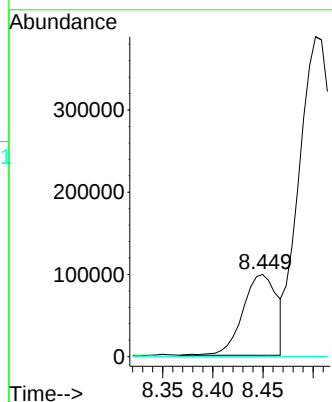
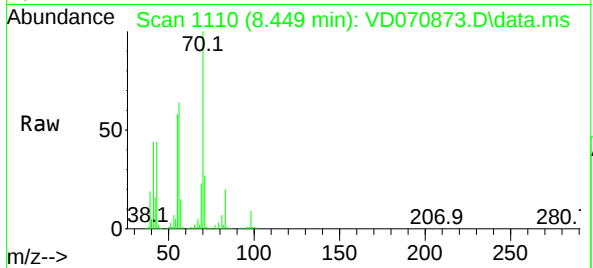




#43
Isopropyl Acetate
Concen: 37.202 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

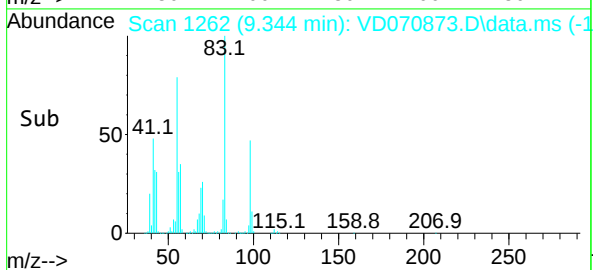
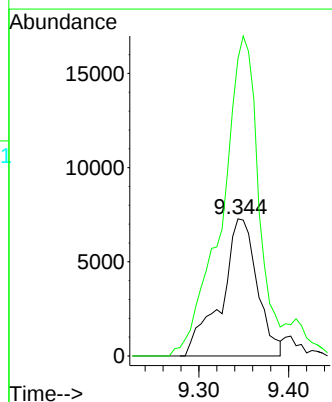
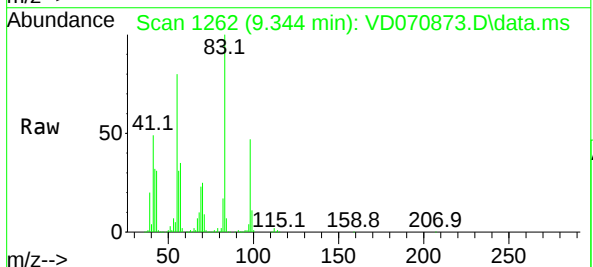
Instrument :
MSVOA_D
ClientSampleId :

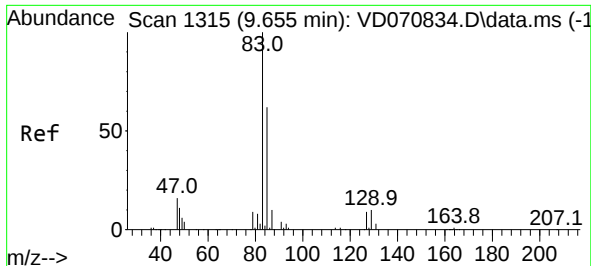
Tgt Ion: 43 Resp: 232969
Ion Ratio Lower Upper
43 100
61 0.3 28.2 42.4#
87 0.0 10.7 16.1#



#45
1,2-Dichloropropane
Concen: 2.895 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.041 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 63 Resp: 20218
Ion Ratio Lower Upper
63 100
65 210.8 24.2 36.2#

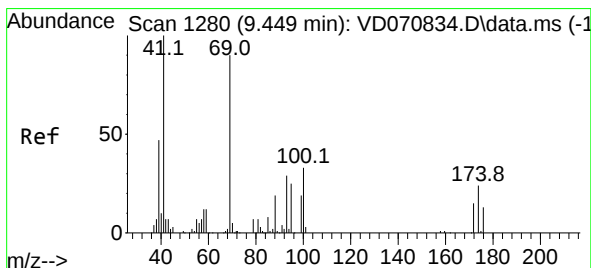
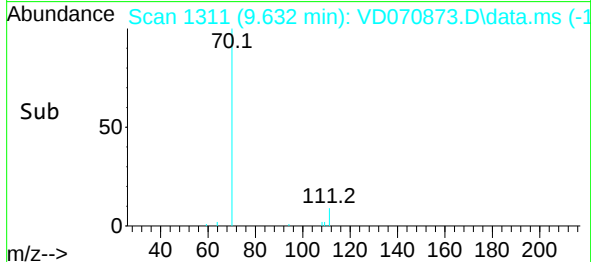
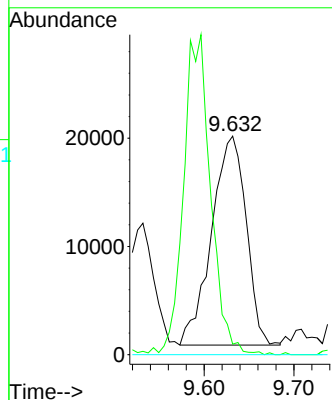
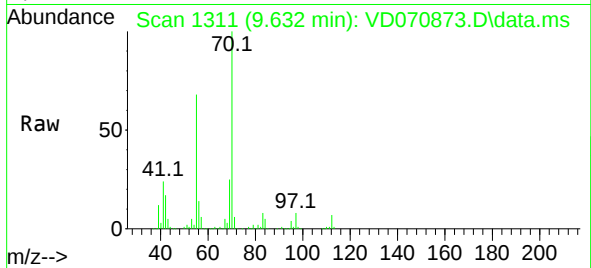




#47
Bromodichloromethane
Concen: 5.850 ug/l
RT: 9.632 min Scan# 1311
Delta R.T. -0.024 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

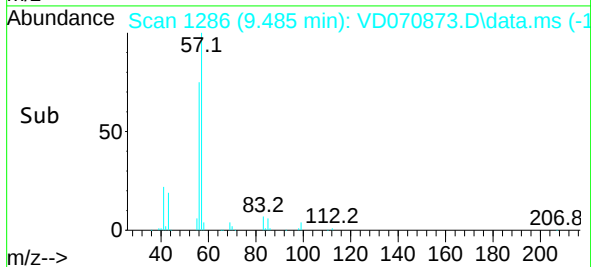
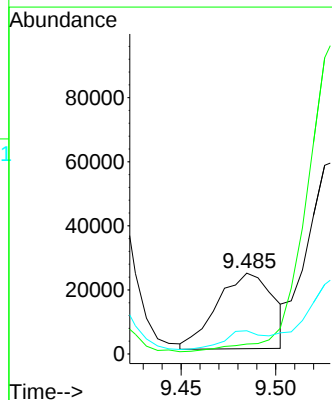
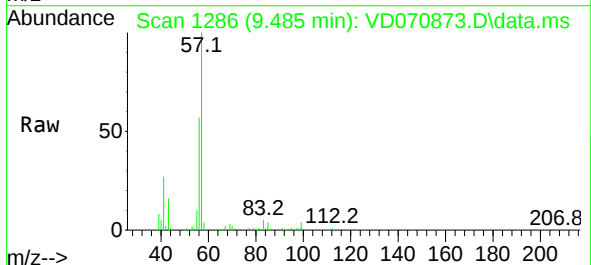
Instrument :
MSVOA_D
ClientSampled :

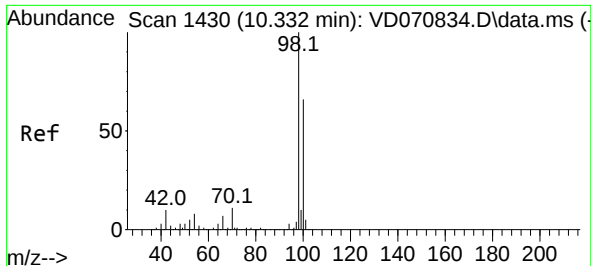
Tgt Ion: 83 Resp: 51783
Ion Ratio Lower Upper
83 100
85 5.1 50.0 75.0#
127 0.0 7.3 10.9#



#48
Methyl methacrylate
Concen: 16.283 ug/l
RT: 9.485 min Scan# 1286
Delta R.T. 0.035 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 41 Resp: 48719
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 0.0 35.6 53.4#

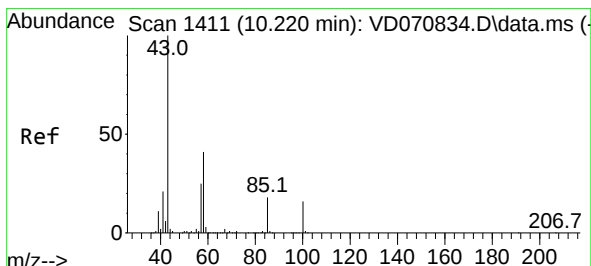
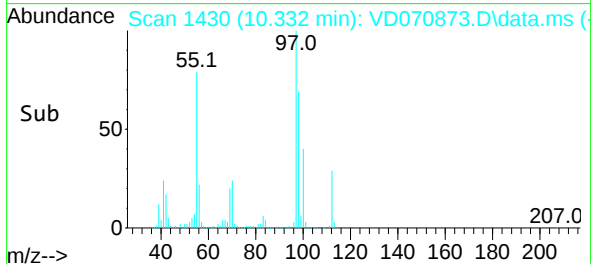
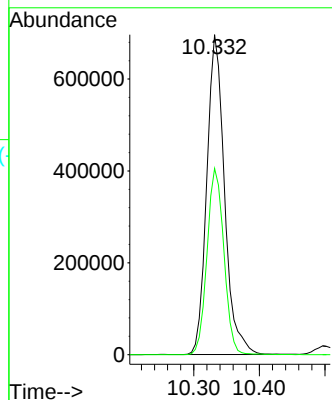
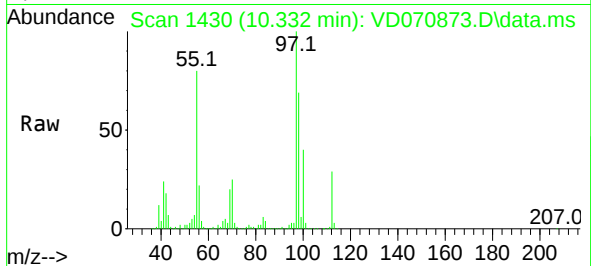




#50
Toluene-d8
Concen: 60.975 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

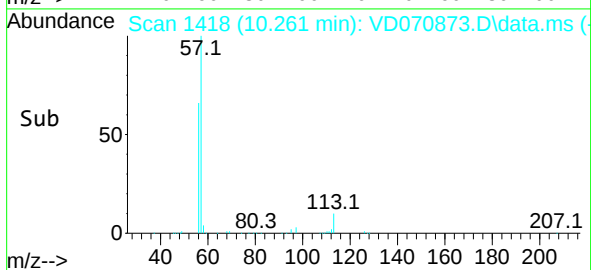
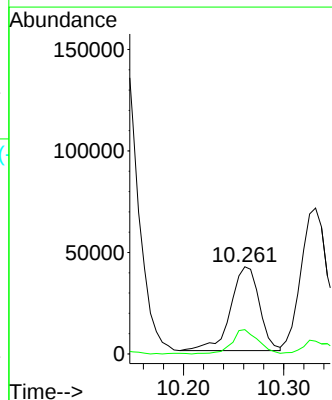
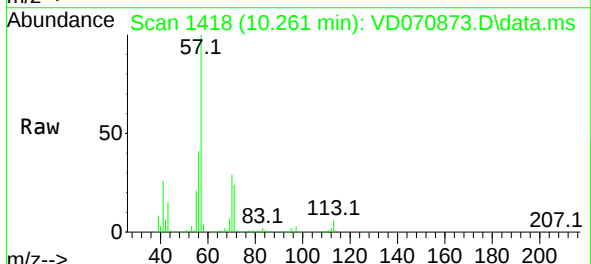
Instrument :
MSVOA_D
ClientSampleId :

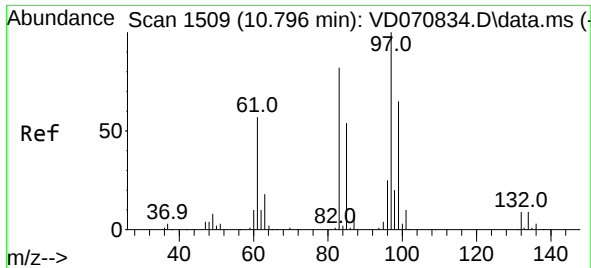
Tgt Ion: 98 Resp: 1309882
Ion Ratio Lower Upper
98 100
100 55.4 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 25.028 ug/l
RT: 10.261 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

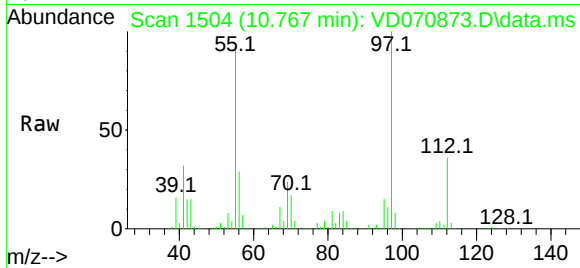
Tgt Ion: 43 Resp: 82187
Ion Ratio Lower Upper
43 100
58 26.5 33.1 49.7#



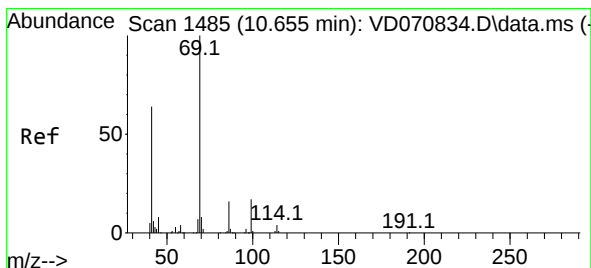
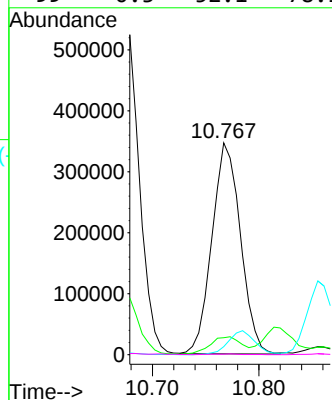
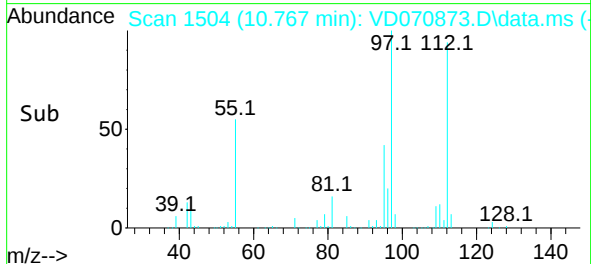


#55
1,1,2-Trichloroethane
Concen: 132.691 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

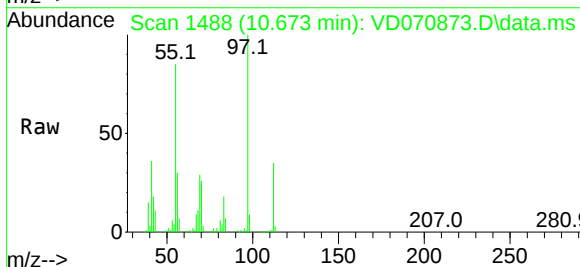
Instrument :
MSVOA_D
ClientSampleId :



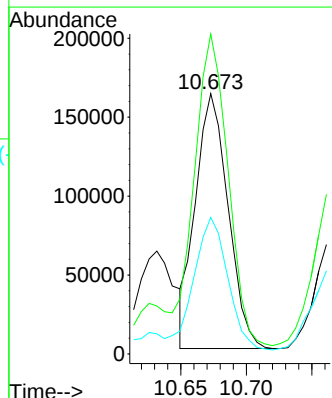
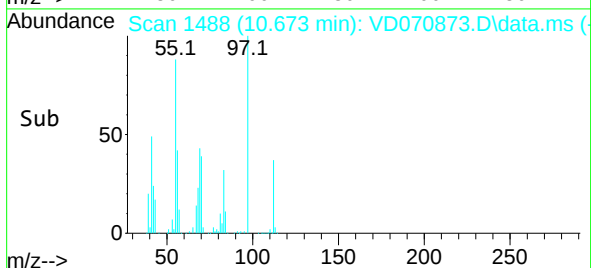
Tgt Ion:	97	Resp:	644380
Ion	Ratio	Lower	Upper
97	100		
83	7.8	65.2	97.8#
85	3.8	43.4	65.0#
99	0.3	52.1	78.1#

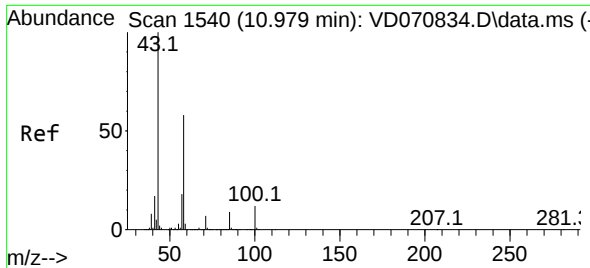


#56
Ethyl methacrylate
Concen: 47.181 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35



Tgt Ion:	69	Resp:	279709
Ion	Ratio	Lower	Upper
69	100		
41	124.8	50.2	75.2#
39	54.2	19.8	29.8#

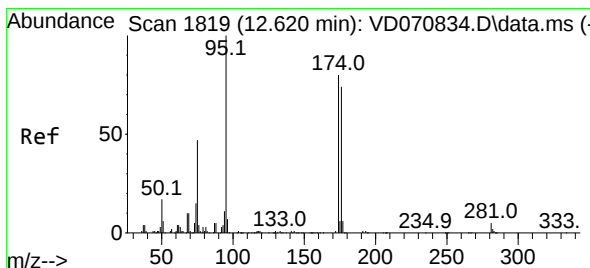
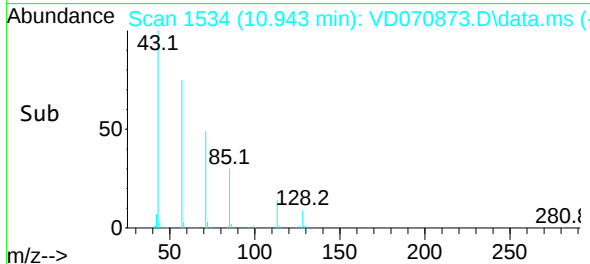
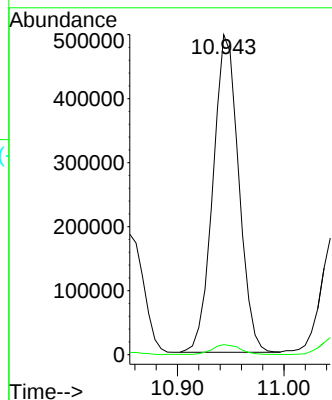
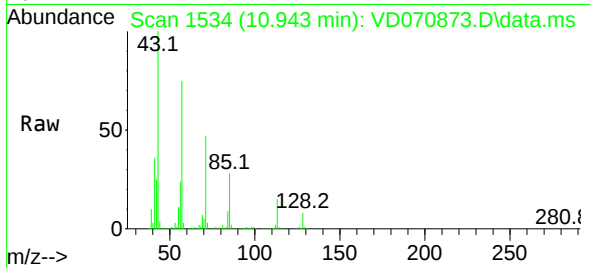




#59
2-Hexanone
Concen: 355.237 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

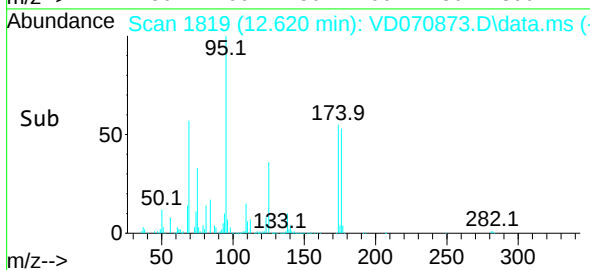
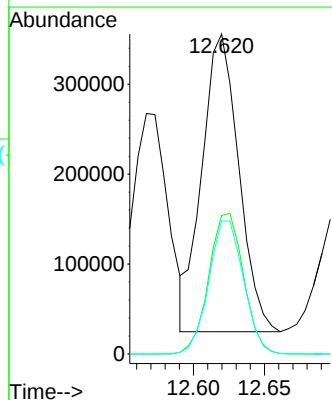
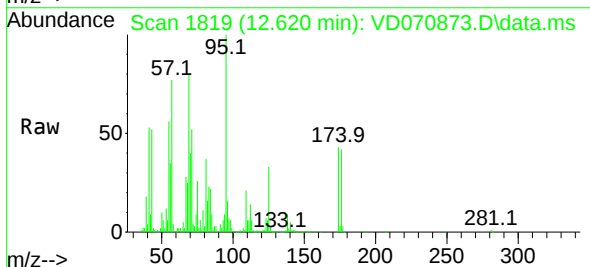
Instrument :
MSVOA_D
ClientSampleId :

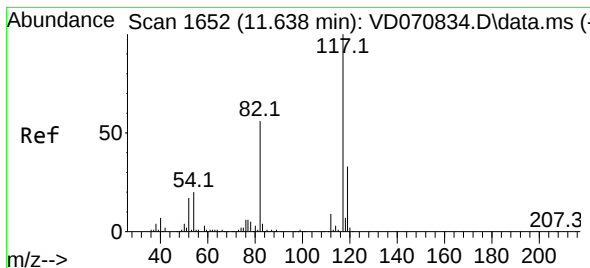
Tgt Ion: 43 Resp: 832731
Ion Ratio Lower Upper
43 100
58 3.6 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 84.227 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 95 Resp: 597002
Ion Ratio Lower Upper
95 100
174 44.5 0.0 159.4
176 42.4 0.0 154.0

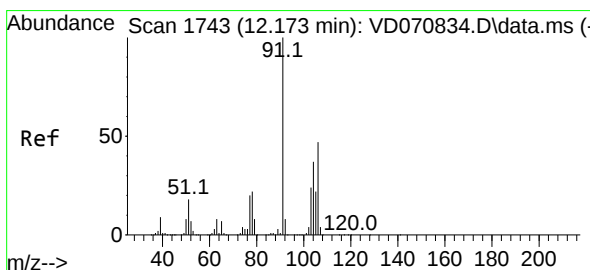
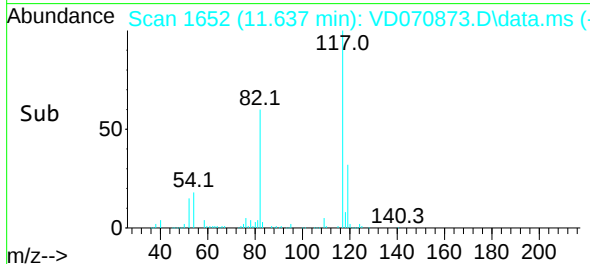
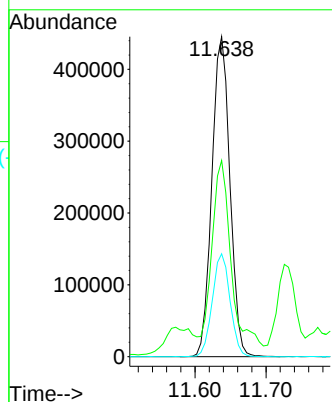
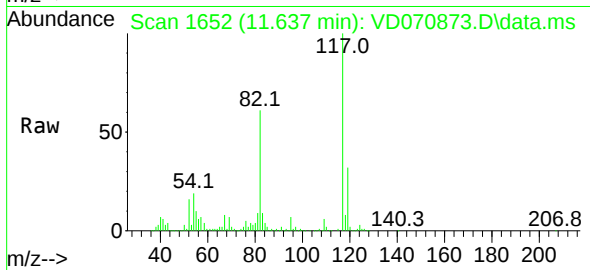




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

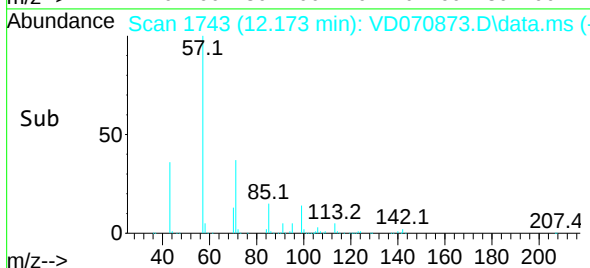
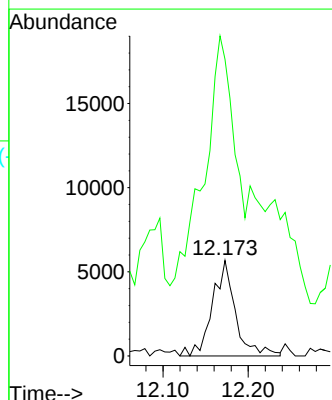
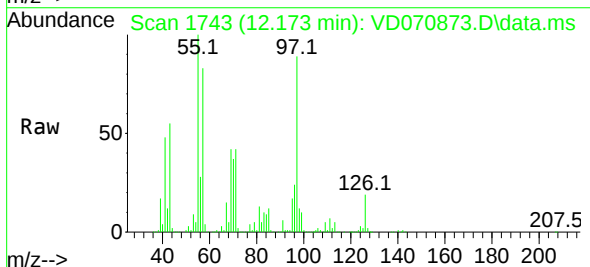
Instrument :
MSVOA_D
ClientSampleId :

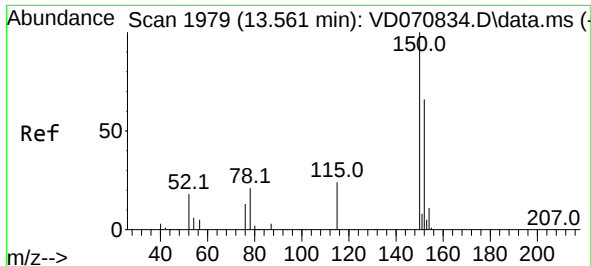
Tgt Ion:117 Resp: 784178
Ion Ratio Lower Upper
117 100
82 52.9 44.7 67.1
119 32.2 26.2 39.4



#69
o-Xylene
Concen: 1.088 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:106 Resp: 10750
Ion Ratio Lower Upper
106 100
91 340.5 106.3 319.0#

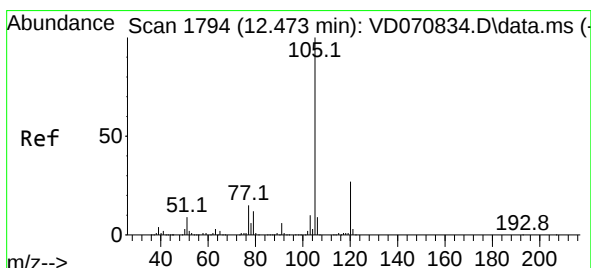
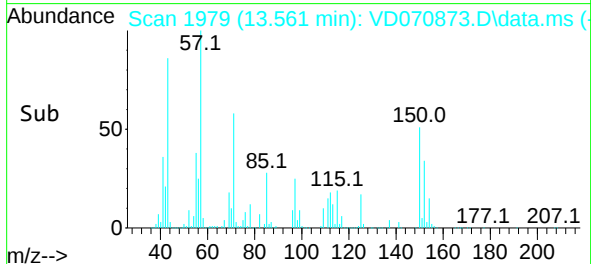
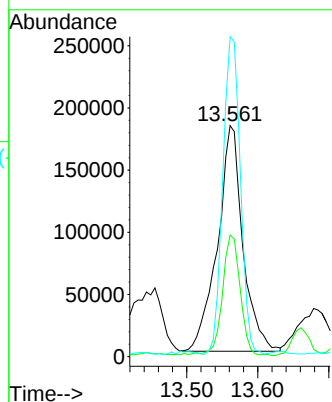
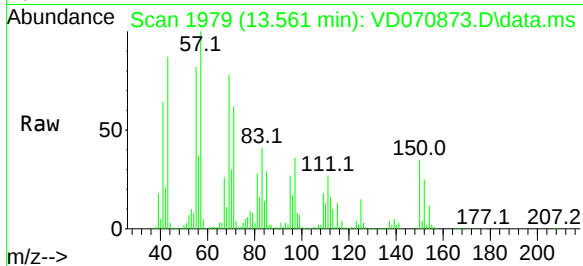




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

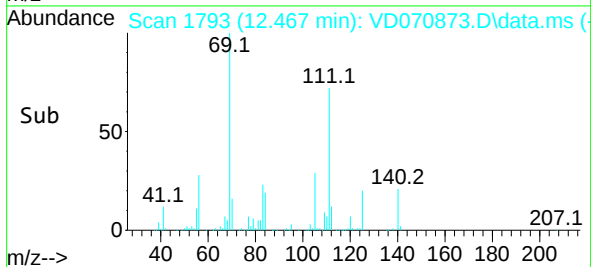
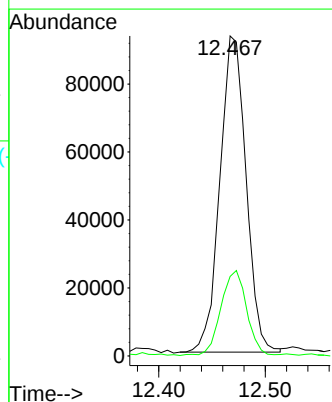
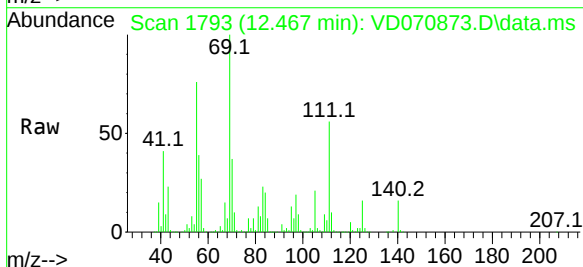
Instrument :
MSVOA_D
ClientSampleId :

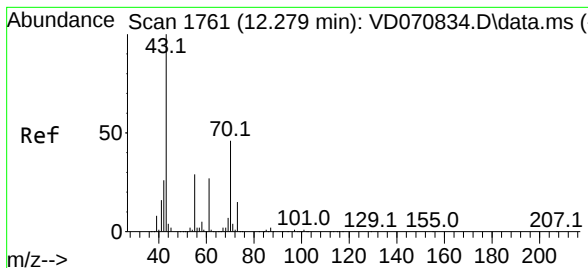
Tgt Ion:152 Resp: 451297
Ion Ratio Lower Upper
152 100
115 37.7 29.8 89.3
150 96.7 0.0 349.2



#73
Isopropylbenzene
Concen: 5.279 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

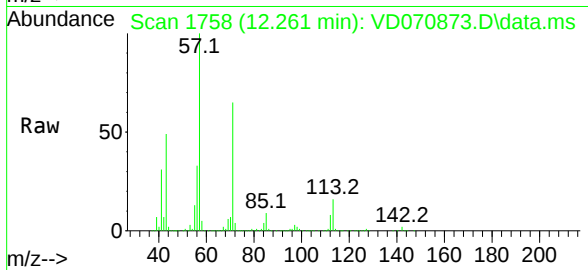
Tgt Ion:105 Resp: 158908
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



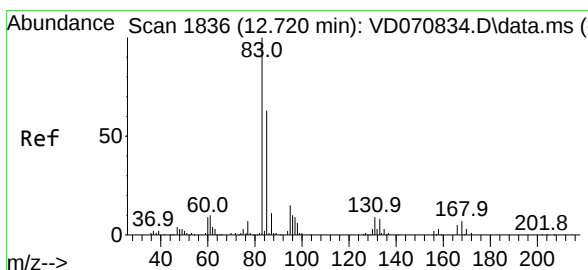
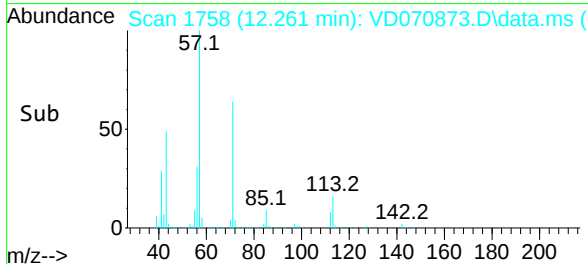
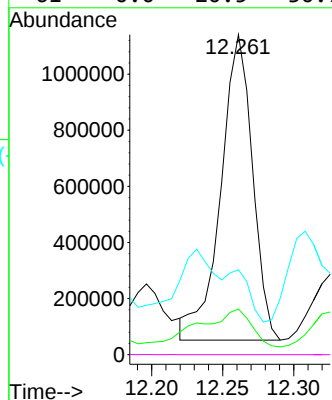


#74
N-amy1 acetate
Concen: 255.682 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampleId :

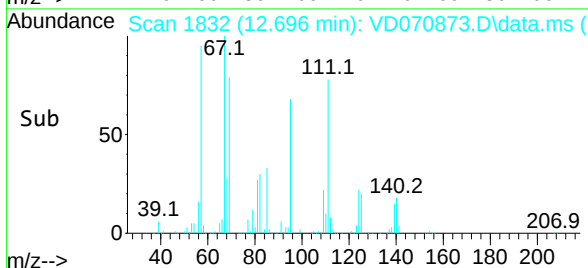
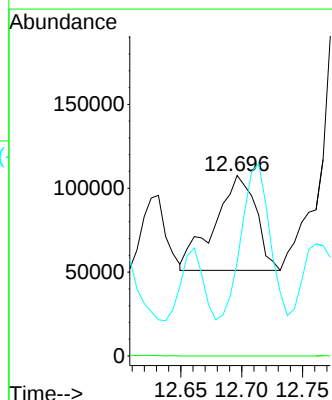
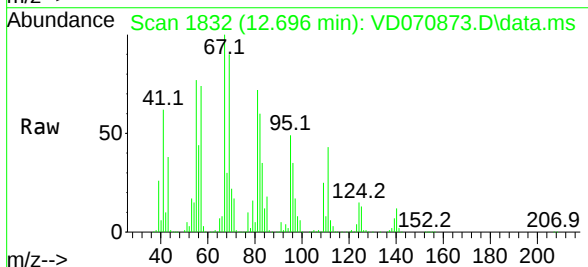


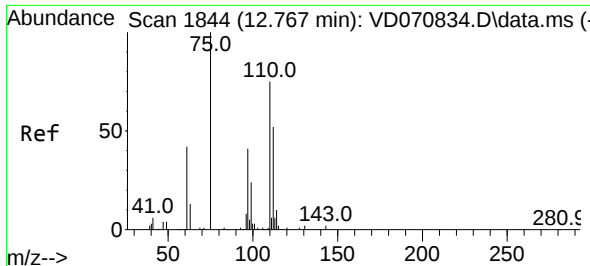
Tgt Ion: 43 Resp: 1692698
Ion Ratio Lower Upper
43 100
70 20.3 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 21.837 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.024 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 83 Resp: 134133
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 110.8 32.0 96.2#

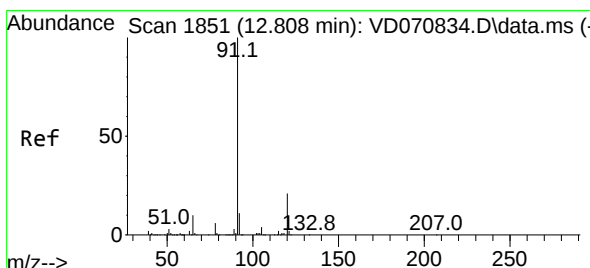
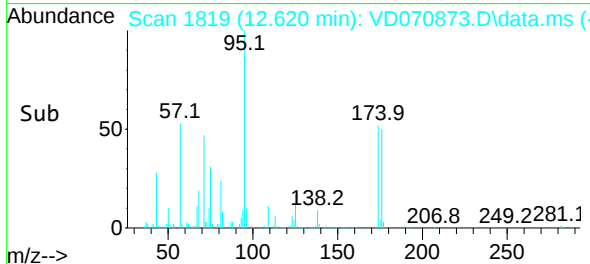
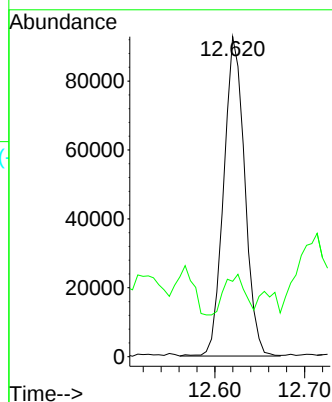
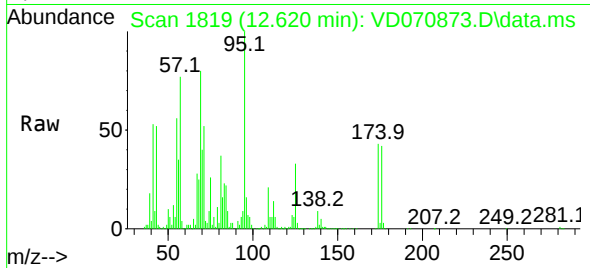




#76
1,2,3-Trichloropropane
Concen: 33.955 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

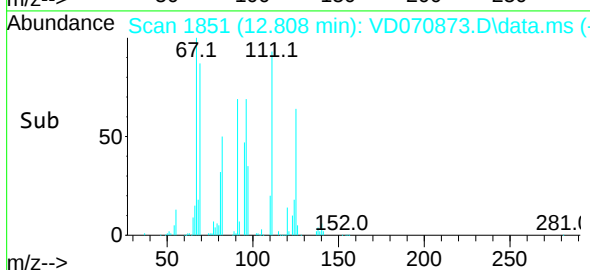
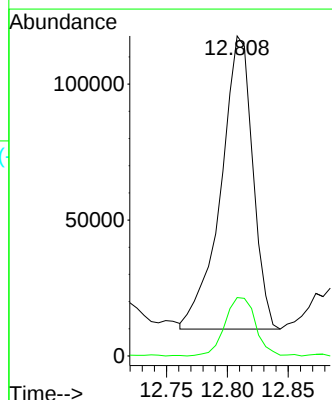
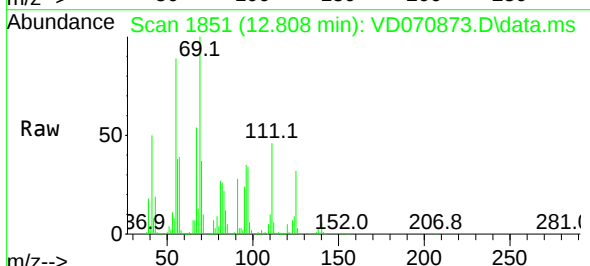
Instrument :
MSVOA_D
ClientSampleId :

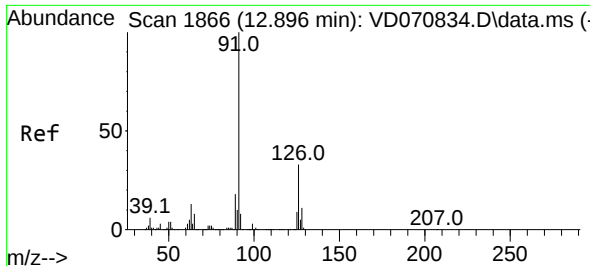
Tgt Ion: 75 Resp: 150851
Ion Ratio Lower Upper
75 100
77 12.3 158.4 475.3#



#78
n-propylbenzene
Concen: 5.105 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 91 Resp: 197227
Ion Ratio Lower Upper
91 100
120 19.2 10.9 32.9

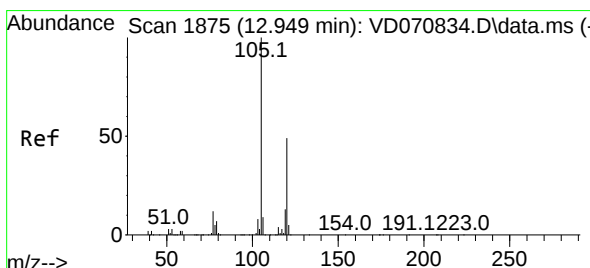
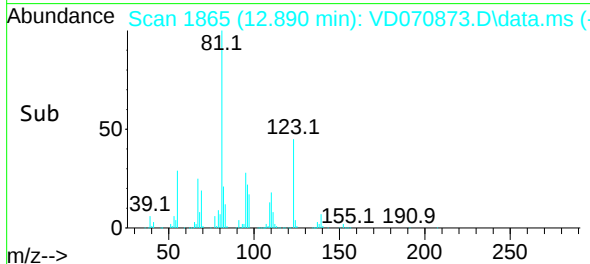
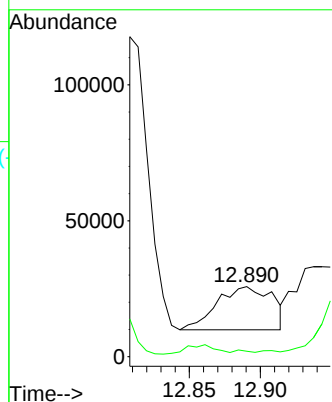
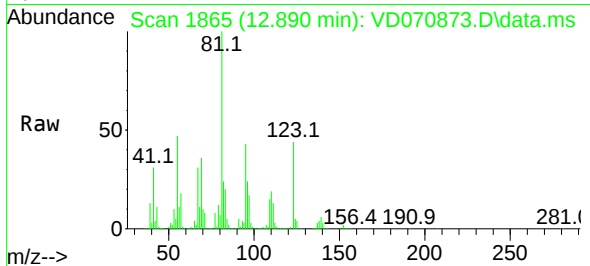




#79
2-Chlorotoluene
Concen: 1.919 ug/l
RT: 12.890 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

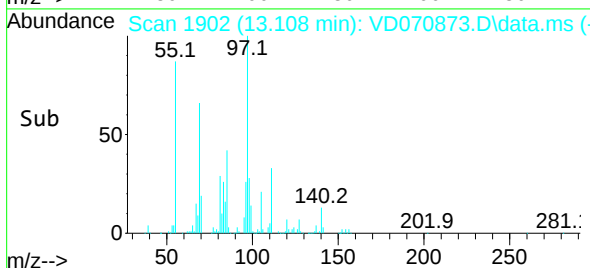
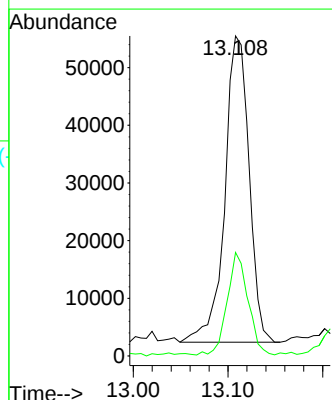
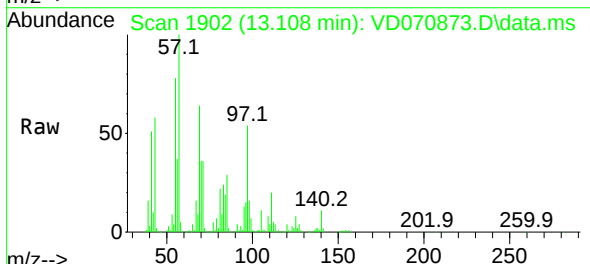
Instrument :
MSVOA_D
ClientSampleId :

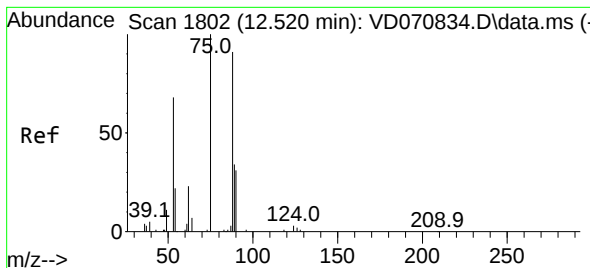
Tgt Ion: 91 Resp: 43048
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#



#80
1,3,5-Trimethylbenzene
Concen: 3.708 ug/l
RT: 13.108 min Scan# 1902
Delta R.T. 0.159 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:105 Resp: 94738
Ion Ratio Lower Upper
105 100
120 28.6 24.6 73.8

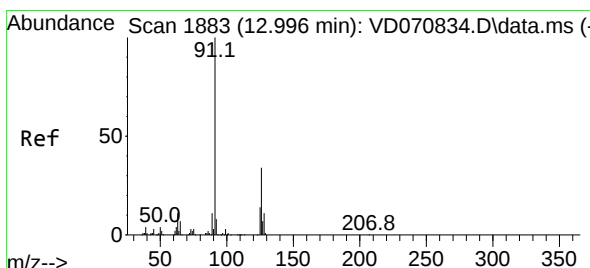
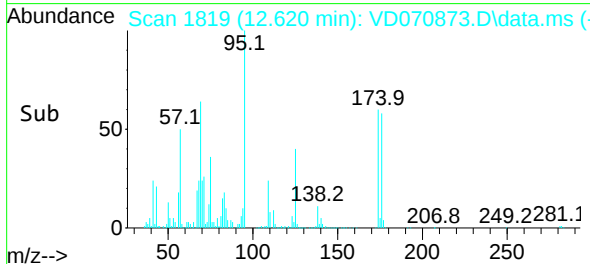
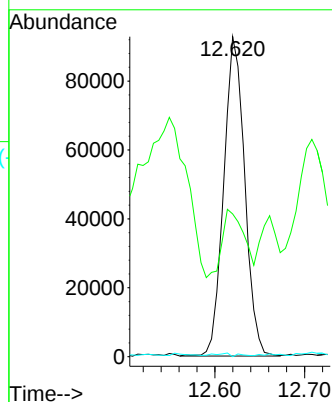
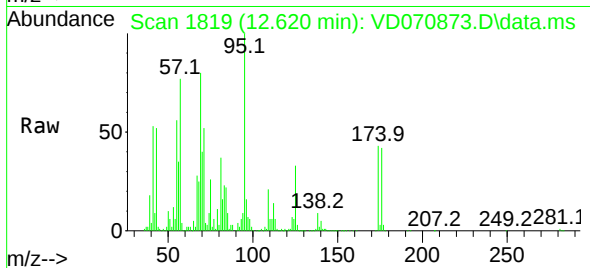




#81
trans-1,4-Dichloro-2-butene
Concen: 89.121 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

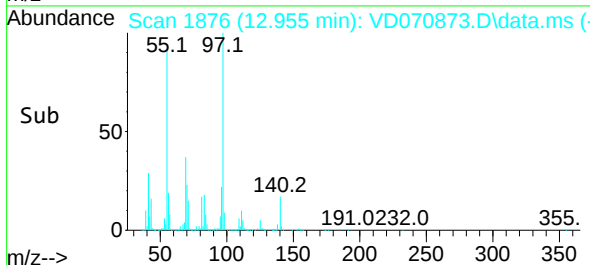
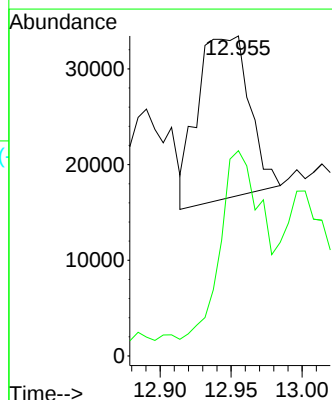
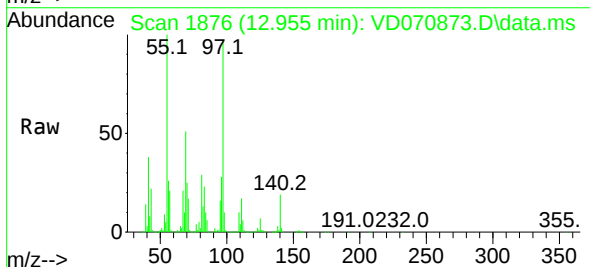
Instrument :
MSVOA_D
ClientSampleId :

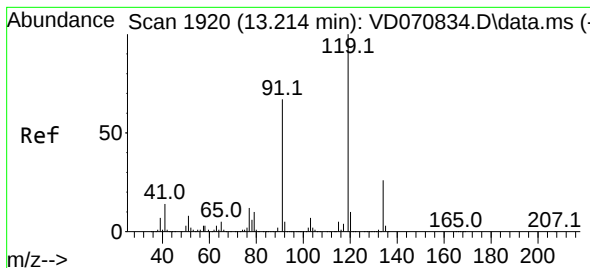
Tgt Ion: 75 Resp: 150851
Ion Ratio Lower Upper
75 100
53 22.1 62.6 94.0#
89 0.9 34.5 51.7#



#82
4-Chlorotoluene
Concen: 1.858 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.041 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 91 Resp: 43318
Ion Ratio Lower Upper
91 100
126 94.5 16.4 49.1#

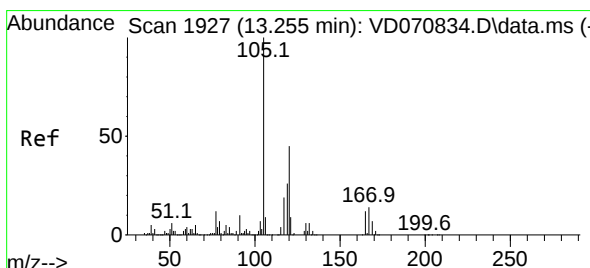
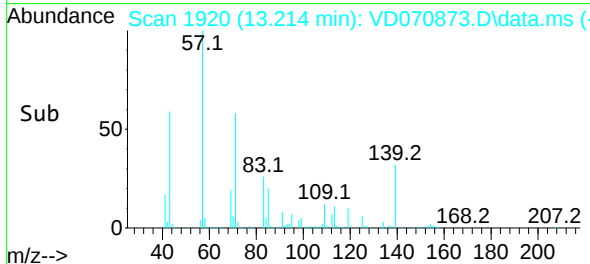
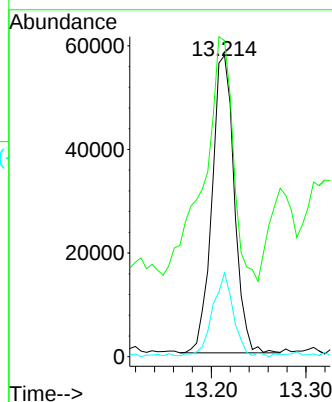
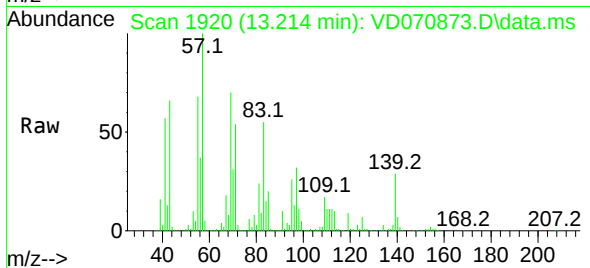




#83
tert-Butylbenzene
Concen: 4.414 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

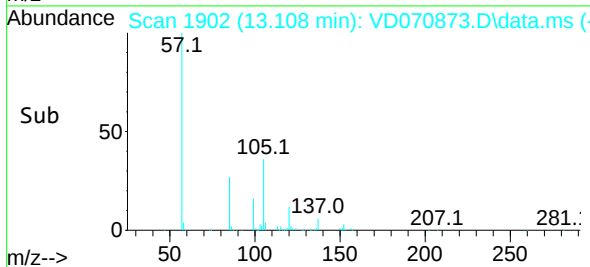
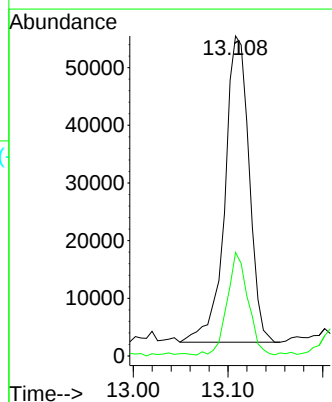
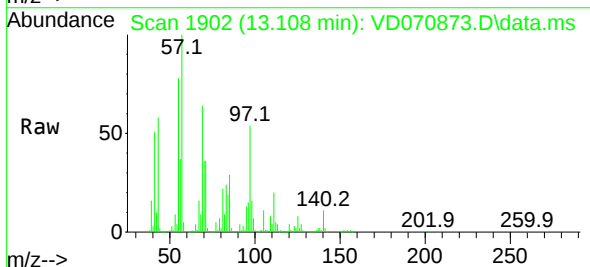
Instrument :
MSVOA_D
ClientSampleId :

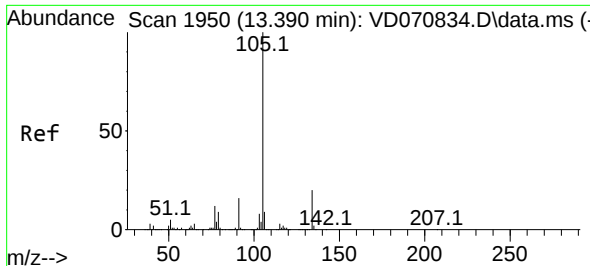
Tgt Ion:119 Resp: 94033
Ion Ratio Lower Upper
119 100
91 107.5 32.5 97.5#
134 26.7 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 3.761 ug/l
RT: 13.108 min Scan# 1902
Delta R.T. -0.147 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:105 Resp: 94738
Ion Ratio Lower Upper
105 100
120 29.4 22.9 68.7

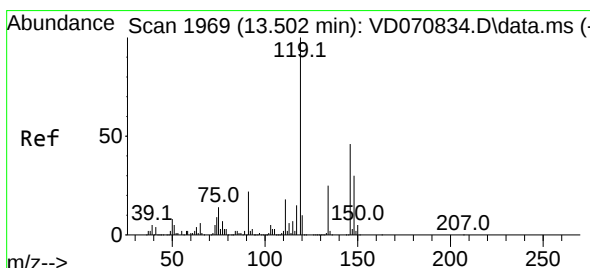
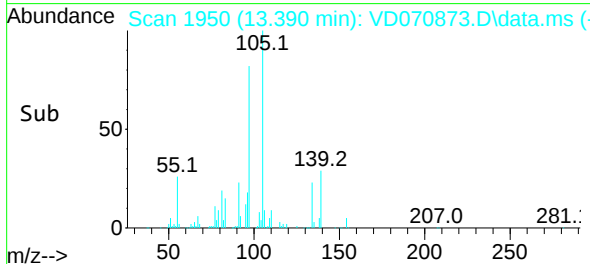
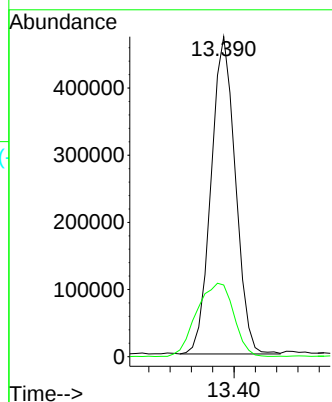
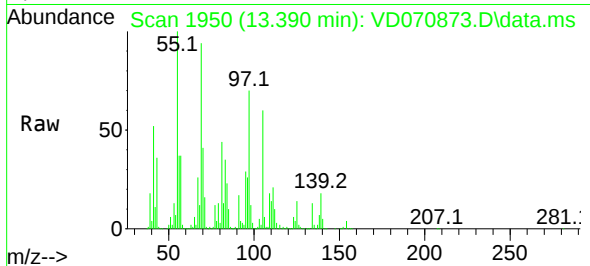




#85
 sec-Butylbenzene
 Concen: 22.308 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

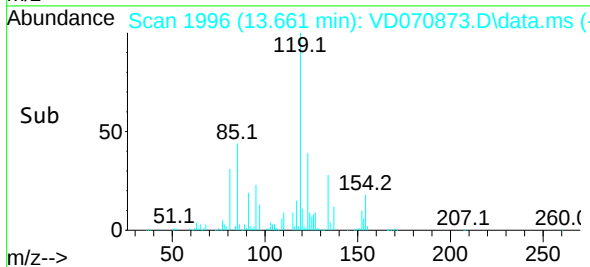
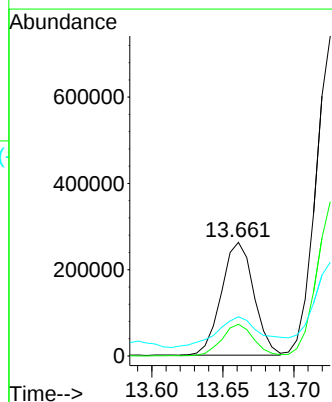
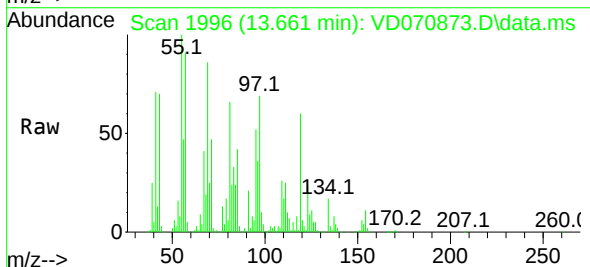
Instrument :
 MSVOA_D
 ClientSampleId :

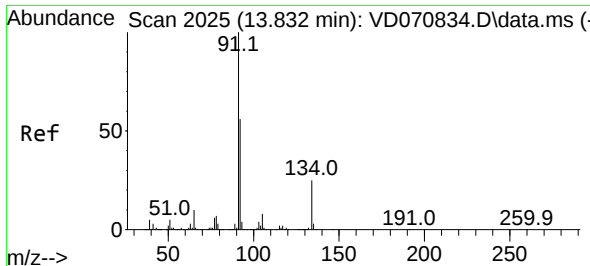
Tgt Ion:105 Resp: 749544
 Ion Ratio Lower Upper
 105 100
 134 35.0 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 15.342 ug/l
 RT: 13.661 min Scan# 1996
 Delta R.T. 0.159 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

Tgt Ion:119 Resp: 414712
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 38.9
 91 38.3 11.4 34.2#

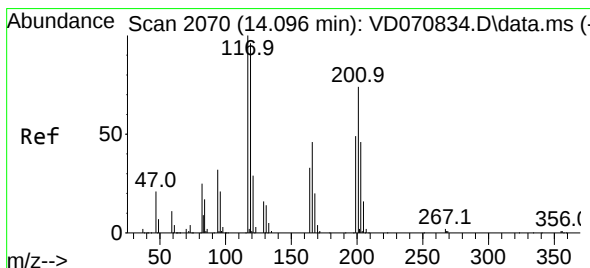
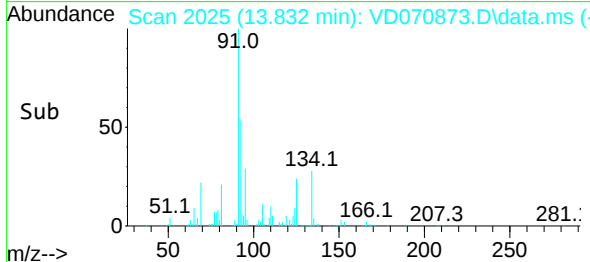
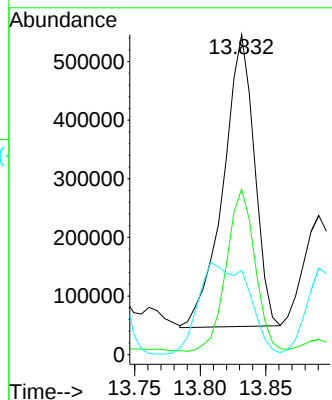
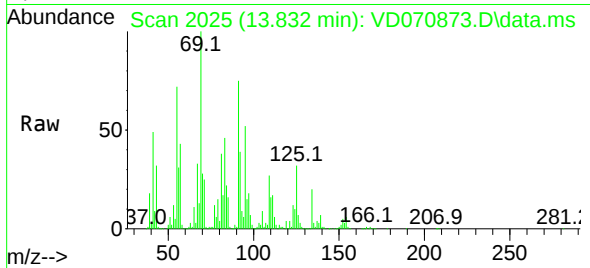




#89
n-Butylbenzene
Concen: 31.062 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

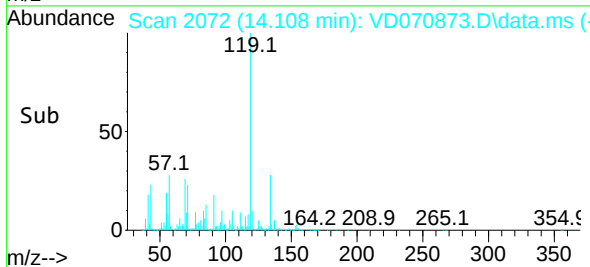
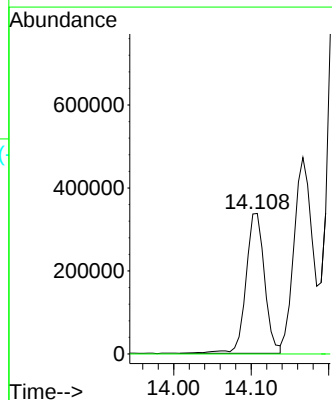
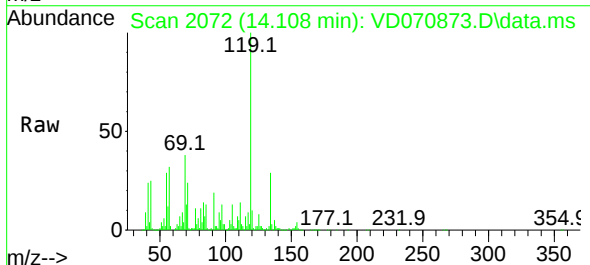
Instrument :
MSVOA_D
ClientSampleId :

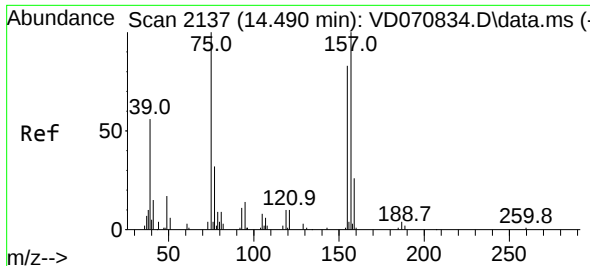
Tgt Ion: 91 Resp: 822691
Ion Ratio Lower Upper
91 100
92 51.1 27.3 81.9
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 92.617 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.012 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion: 117 Resp: 561813
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#

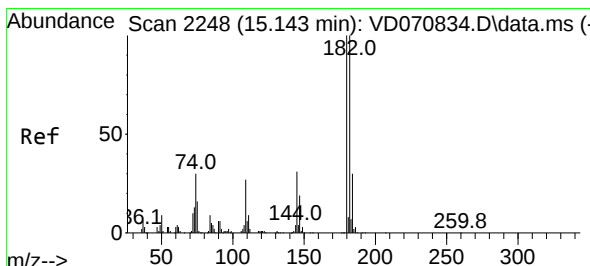
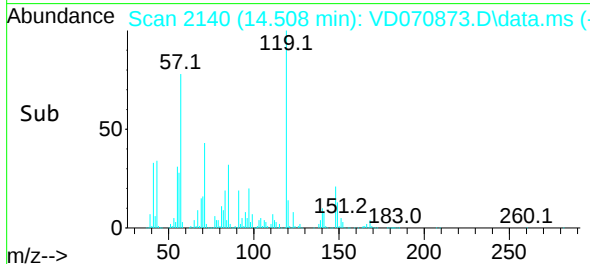
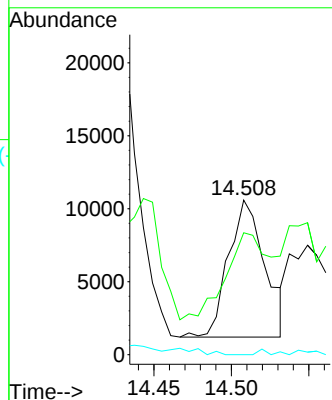
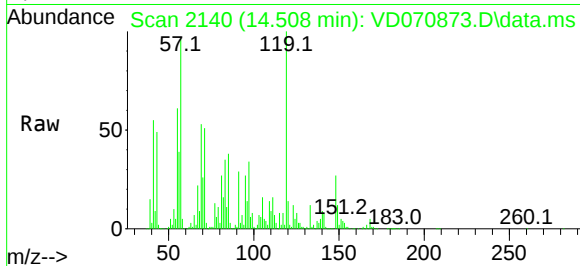




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.254 ug/l
 RT: 14.508 min Scan# 2140
 Delta R.T. 0.018 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

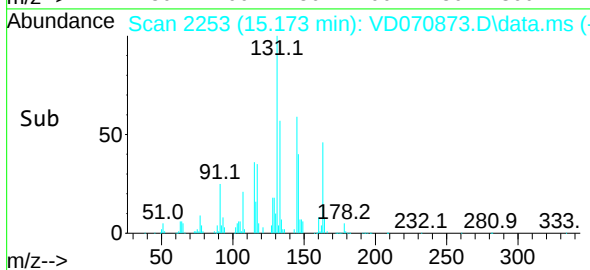
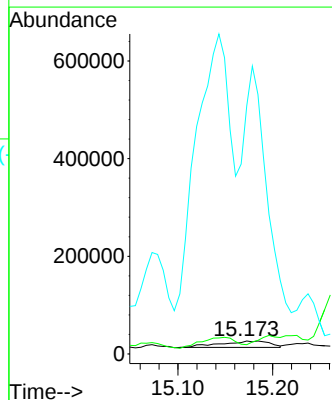
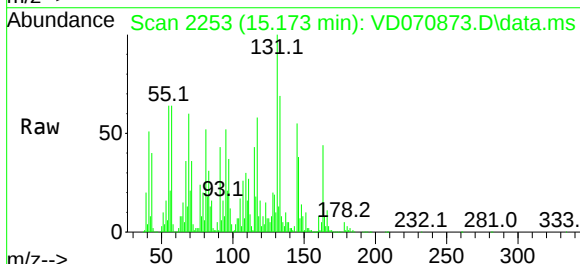
Instrument :
 MSVOA_D
 ClientSampleId :

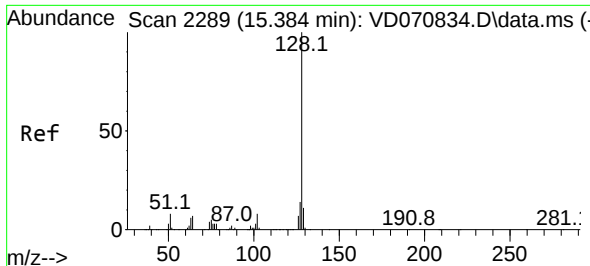
Tgt Ion: 75 Resp: 15441
 Ion Ratio Lower Upper
 75 100
 155 65.6 40.0 120.0
 157 1.3 49.8 149.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 6.221 ug/l
 RT: 15.173 min Scan# 2253
 Delta R.T. 0.029 min
 Lab File: VD070873.D
 Acq: 27 Oct 2021 19:35

Tgt Ion:180 Resp: 46458
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.2 144.6#
 145 2351.5 15.4 46.2#

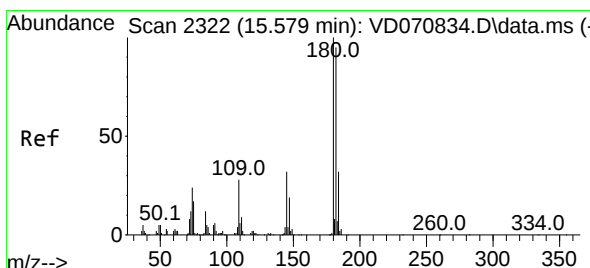
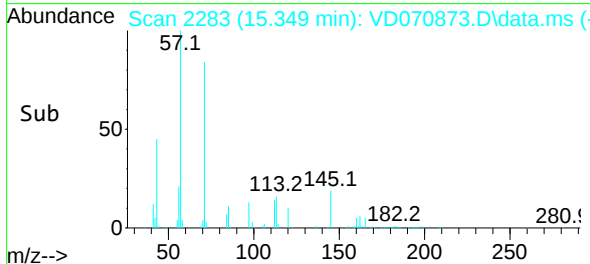
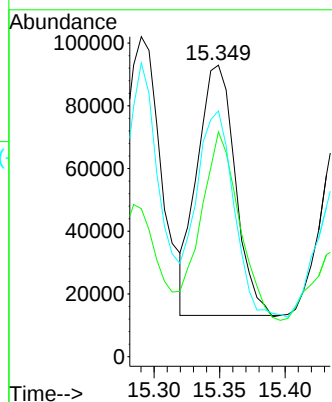
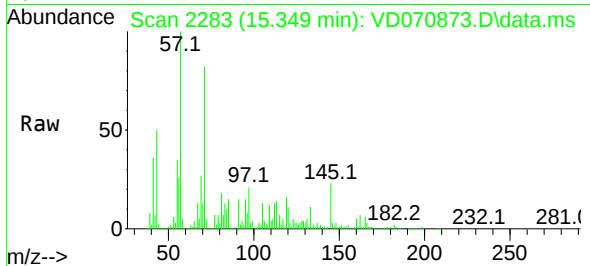




#95
Naphthalene
Concen: 14.543 ug/l
RT: 15.349 min Scan# 2283
Delta R.T. -0.035 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:128 Resp: 160948
Ion Ratio Lower Upper
128 100
127 77.2 10.7 16.1#
129 81.3 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 5.199 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.024 min
Lab File: VD070873.D
Acq: 27 Oct 2021 19:35

Tgt Ion:180 Resp: 33735
Ion Ratio Lower Upper
180 100
182 0.0 46.7 140.1#
145 0.0 15.9 47.6#

