

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072635.D
 Acq On : 19 Apr 2022 20:07
 Operator : VA/SY
 Sample : N2444-05
 Misc : 4.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4D

Quant Time: Apr 20 05:05:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	420276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	479022	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	339289	50.000	ug/l	#-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213568	42.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.020%
35) Dibromofluoromethane	7.908	113	224936	39.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.820%
50) Toluene-d8	10.332	98	1902166	97.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	194.180%#
62) 4-Bromofluorobenzene	12.620	95	829911	108.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	216.920%#

Target Compounds						Qvalue
10) Methyl Iodide	4.279	142	533	3.841	ug/l #	38
11) Tert butyl alcohol	5.185	59	29812	111.038	ug/l #	74
13) Acrolein	4.138	56	5856	49.151	ug/l	94
14) Allyl chloride	4.809	41	1240	1.310	ug/l #	78
15) Acrylonitrile	5.485	53	13720	12.751	ug/l #	40
16) Acetone	4.156	43	56524	59.624	ug/l	97
17) Carbon Disulfide	4.414	76	11151	4.891	ug/l	98
18) Methyl Acetate	4.950	43	64701	24.226	ug/l #	55
20) Methylene Chloride	4.956	84	18948	3.357	ug/l #	51
23) Vinyl Acetate	6.179	43	60	6.296	ug/l #	75
25) 2-Butanone	7.197	43	30817	23.504	ug/l #	73
29) Tetrahydrofuran	7.555	42	938	1.185	ug/l #	38
31) Cyclohexane	7.985	56	932489	140.271	ug/l #	84
36) 1,1-Dichloropropene	7.973	75	35540	5.947	ug/l #	65
37) Ethyl Acetate	7.197	43	30817	10.319	ug/l #	84
38) Carbon Tetrachloride	7.979	117	46912	6.042	ug/l #	17
39) Methylcyclohexane	9.349	83	8202197	924.451	ug/l	95
41) Methacrylonitrile	7.479	41	1552	2.518	ug/l #	27
43) Isopropyl Acetate	8.450	43	283252	49.445	ug/l #	54
45) 1,2-Dichloropropane	9.344	63	85050	15.533	ug/l #	1
47) Bromodichloromethane	9.626	83	127690	15.472	ug/l #	41
48) Methyl methacrylate	9.402	41	369096	132.711	ug/l #	19
51) 4-Methyl-2-Pentanone	10.261	43	138239	44.973	ug/l #	74
55) 1,1,2-Trichloroethane	10.767	97	3400975	780.898	ug/l #	20
56) Ethyl methacrylate	10.673	69	1503292	275.230	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.955	63	2936	1.365	ug/l #	57
59) 2-Hexanone	10.949	43	6326592	3026.697	ug/l #	32
60) Dibromochloromethane	11.049	129	20404	3.632	ug/l	64
61) 1,2-Dibromoethane	11.243	107	7436	1.923	ug/l #	3
65) Chlorobenzene	11.661	112	66660	6.224	ug/l	99
67) Ethyl Benzene	11.738	91	43374	2.321	ug/l #	76
69) o-Xylene	12.173	106	65988	9.647	ug/l #	1
73) Isopropylbenzene	12.473	105	5610172	204.742	ug/l	99
74) N-amyl acetate	12.267	43	6827475	1187.523	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.702	83	673905	129.844	ug/l #	77
76) 1,2,3-Trichloropropane	12.808	75	34892	9.429	ug/l #	100

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 Response via : Initial Calibration

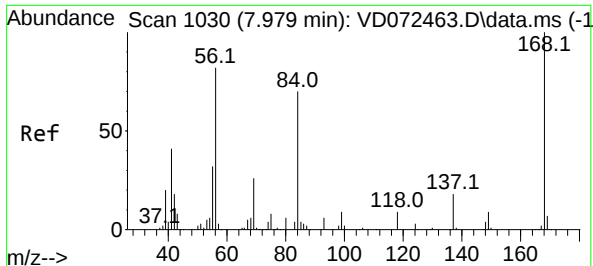
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.814	91	4779114	144.576	ug/l	99
79) 2-Chlorotoluene	12.814	91	4779114	247.217	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.114	105	204247	8.703	ug/l	71
81) trans-1,4-Dichloro-2-b...	12.473	75	65850	43.665	ug/l #	1
82) 4-Chlorotoluene	12.814	91	4747479	235.799	ug/l #	42
83) tert-Butylbenzene	13.214	119	493562	24.294	ug/l	85
84) 1,2,4-Trimethylbenzene	13.114	105	204247	8.900	ug/l	76
85) sec-Butylbenzene	13.390	105	6027109	196.951	ug/l	79
86) p-Isopropyltoluene	13.661	119	819439	32.760	ug/l	89
87) 1,3-Dichlorobenzene	13.508	146	211186	16.594	ug/l #	1
88) 1,4-Dichlorobenzene	13.585	146	15197	1.185	ug/l #	1
89) n-Butylbenzene	13.832	91	4257194	178.660	ug/l #	87
90) Hexachloroethane	14.108	117	905626	176.857	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	89190	7.946	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.508	75	20597	26.834	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.149	180	15073	2.166	ug/l #	1
95) Naphthalene	15.343	128	112862	8.348	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	26676	4.393	ug/l #	12

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

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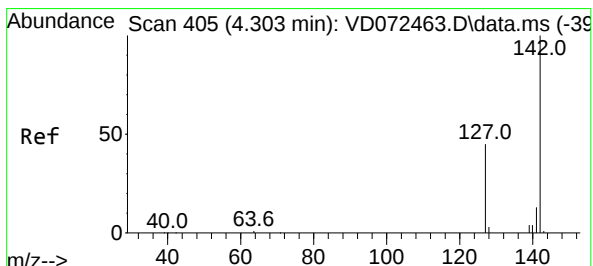
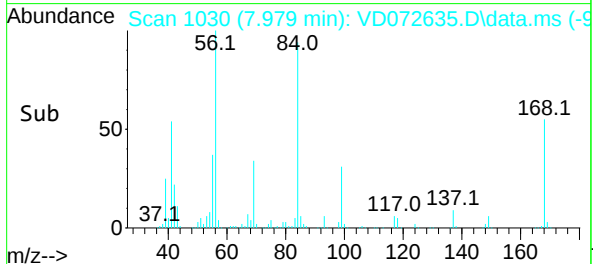
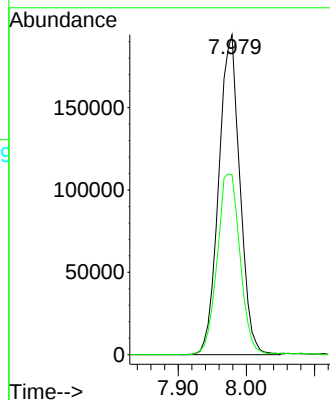
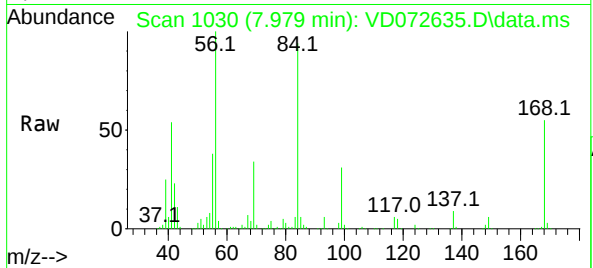




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

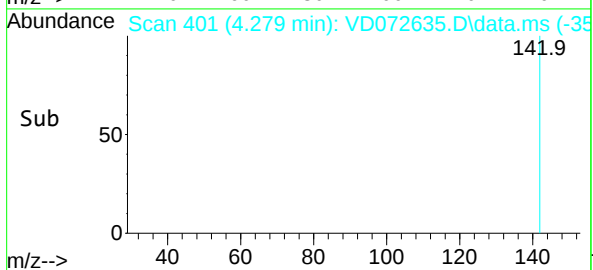
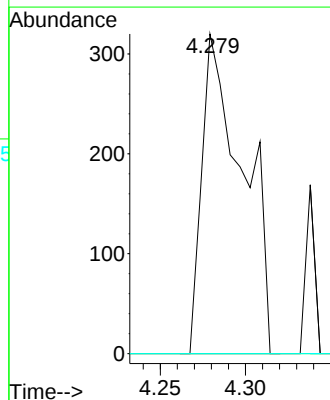
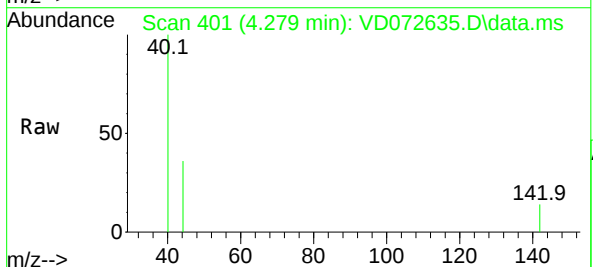
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SB-4D

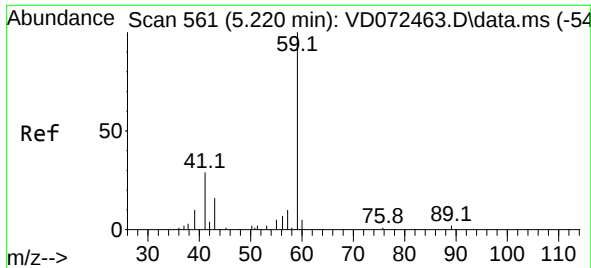
Tgt Ion:168 Resp: 420276
Ion Ratio Lower Upper
168 100
99 56.3 49.8 74.6



#10
Methyl Iodide
Concen: 3.841 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.024 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

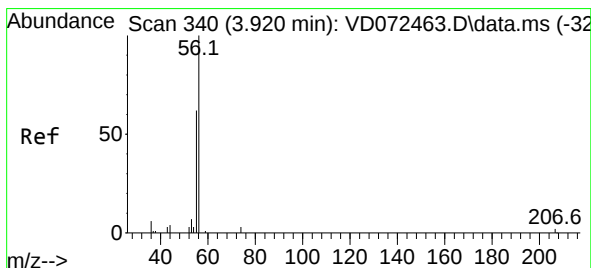
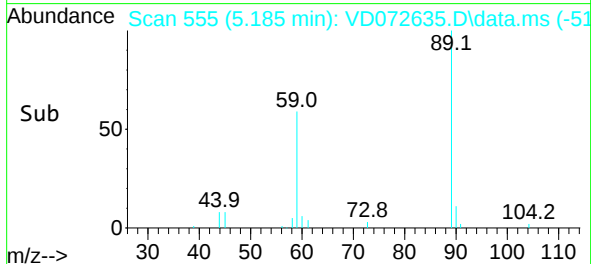
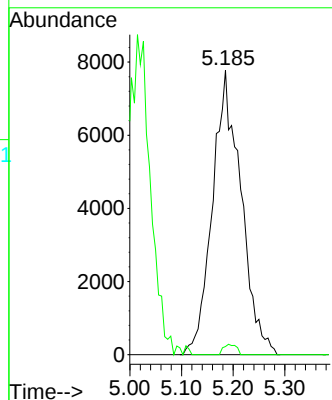
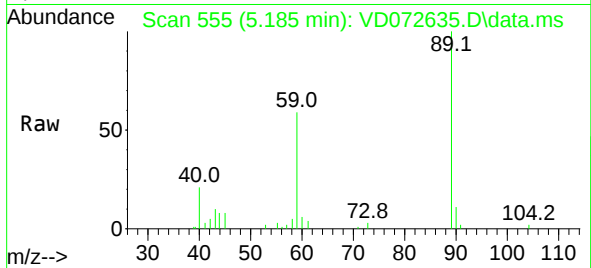




#11
Tert butyl alcohol
Concen: 111.038 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

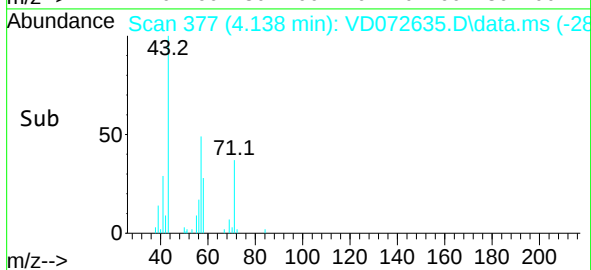
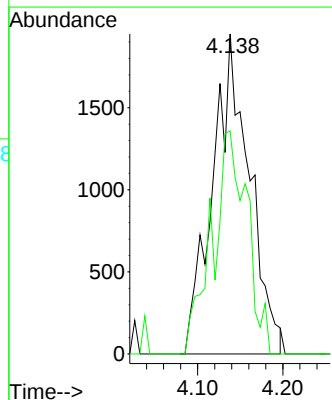
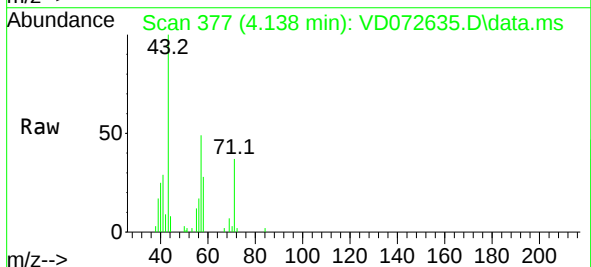
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ClientSampleId :
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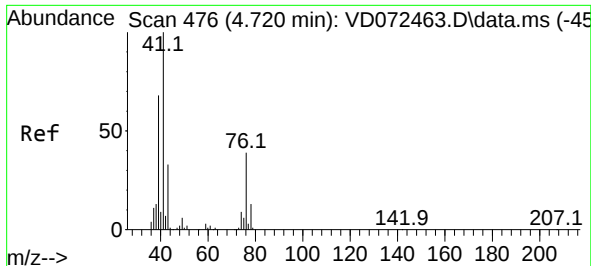
Tgt Ion: 59 Resp: 29812
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 49.151 ug/l
RT: 4.138 min Scan# 377
Delta R.T. 0.218 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 56 Resp: 5856
Ion Ratio Lower Upper
56 100
55 66.1 57.1 85.7

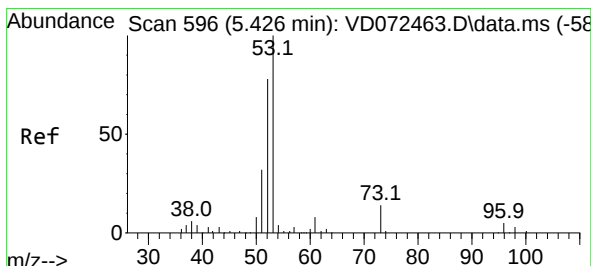
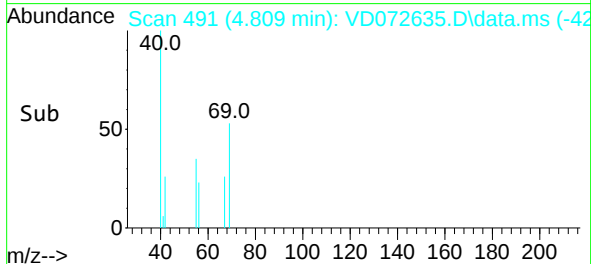
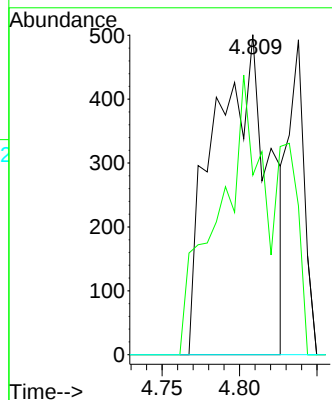
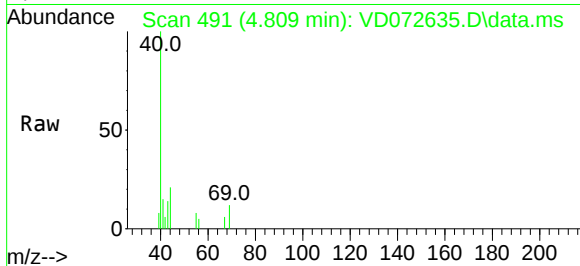




#14
 Allyl chloride
 Concen: 1.310 ug/l
 RT: 4.809 min Scan# 491
 Delta R.T. 0.089 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

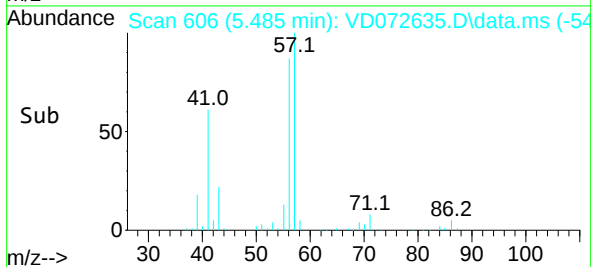
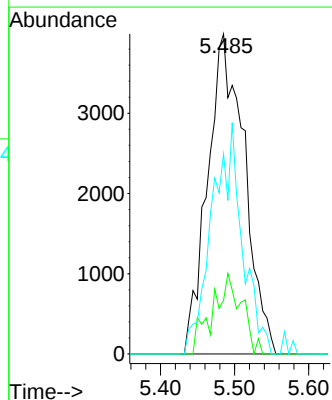
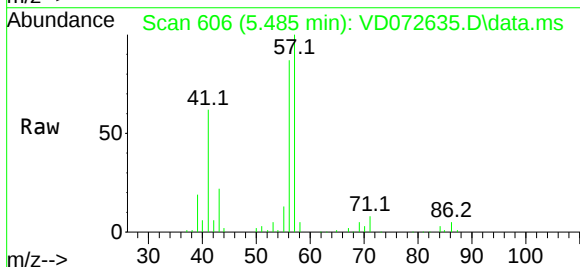
Instrument :
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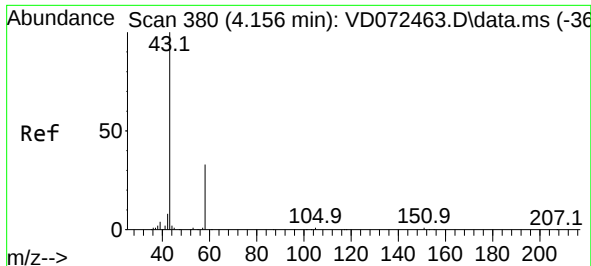
Tgt Ion: 41 Resp: 1240
 Ion Ratio Lower Upper
 41 100
 39 68.1 59.3 88.9
 76 0.0 25.7 38.5#



#15
 Acrylonitrile
 Concen: 12.751 ug/l
 RT: 5.485 min Scan# 606
 Delta R.T. 0.059 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

Tgt Ion: 53 Resp: 13720
 Ion Ratio Lower Upper
 53 100
 52 19.9 67.2 100.8#
 51 59.8 30.3 45.5#

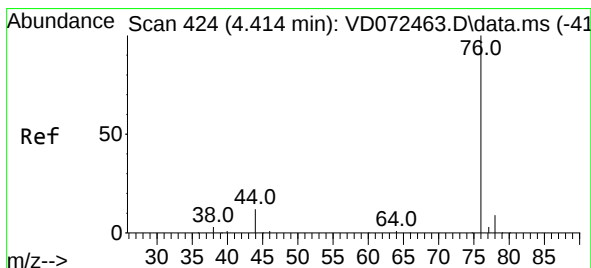
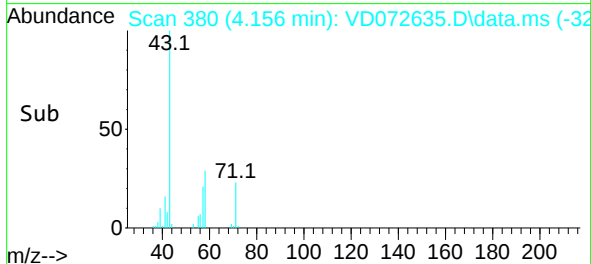
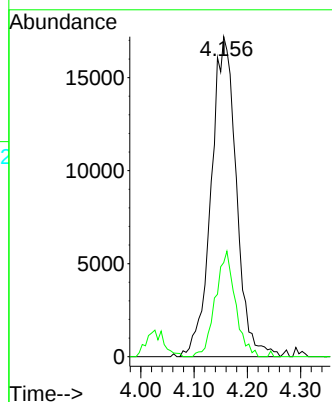
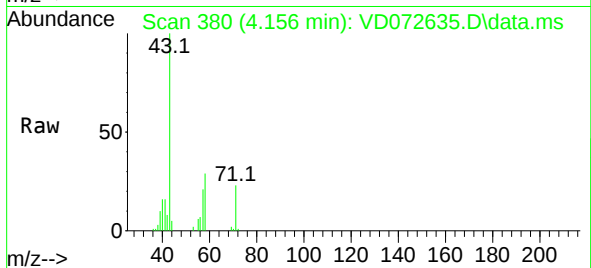




#16
Acetone
Concen: 59.624 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

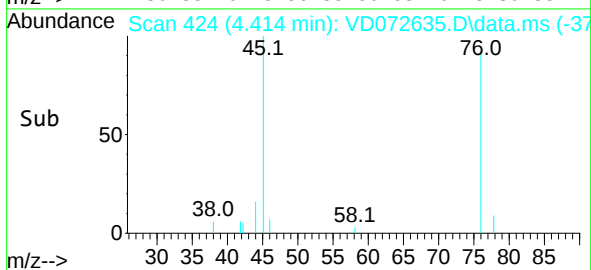
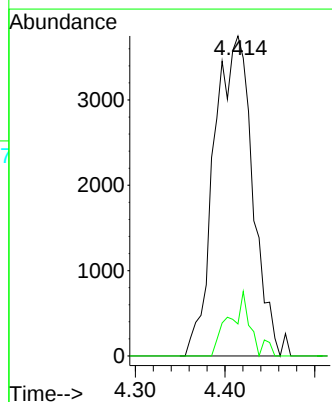
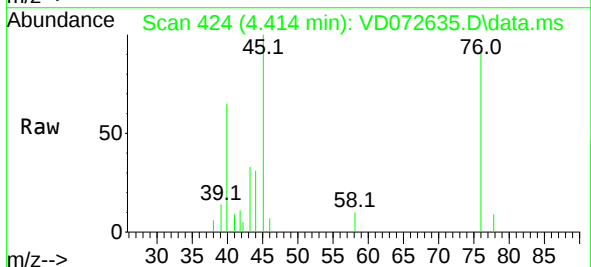
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ClientSampleId :
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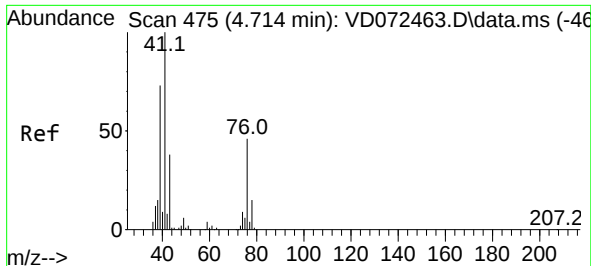
Tgt Ion: 43 Resp: 56524
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1



#17
Carbon Disulfide
Concen: 4.891 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 76 Resp: 11151
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

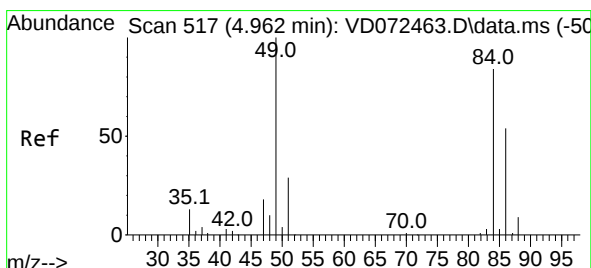
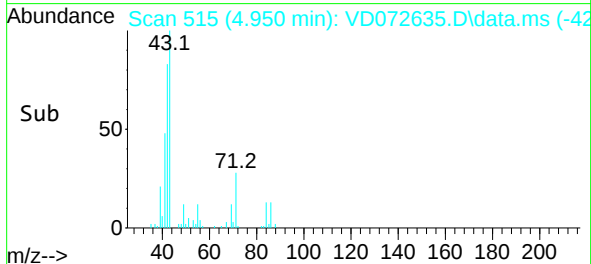
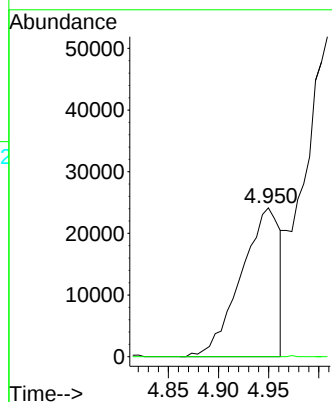
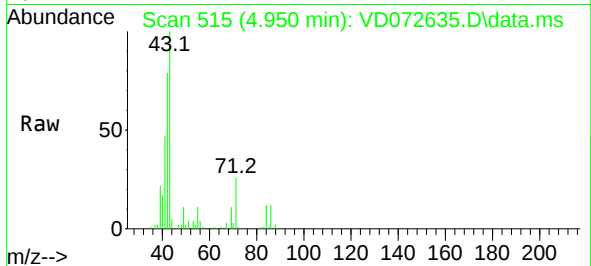




#18
Methyl Acetate
Concen: 24.226 ug/l
RT: 4.950 min Scan# 516
Delta R.T. 0.235 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

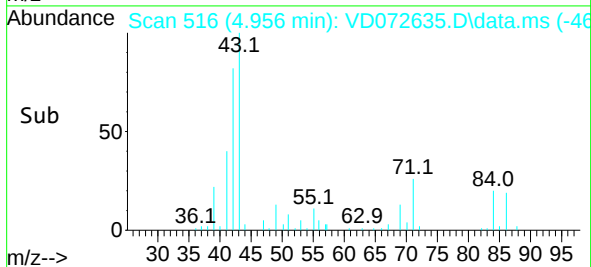
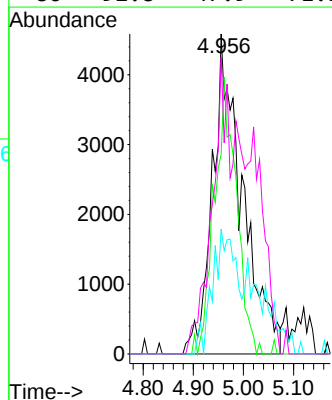
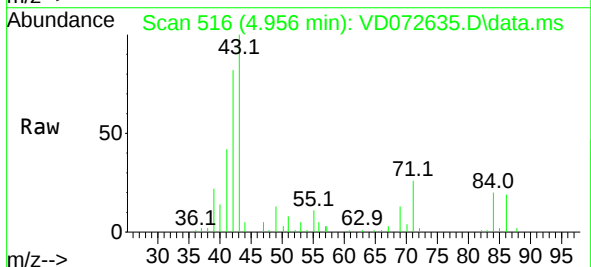
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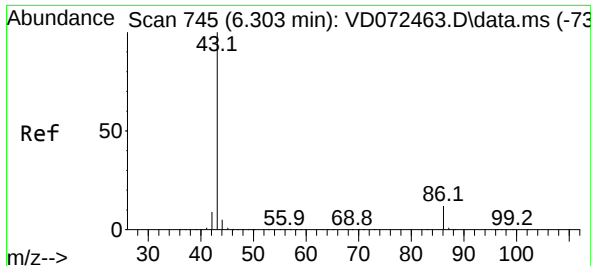
Tgt Ion: 43 Resp: 64701
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.357 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 84 Resp: 18948
Ion Ratio Lower Upper
84 100
49 62.4 112.8 169.2#
51 39.0 32.6 48.8
86 92.8 47.9 71.9#

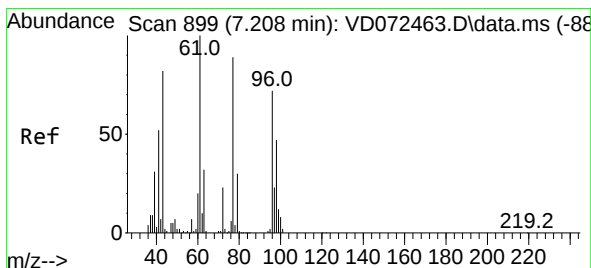
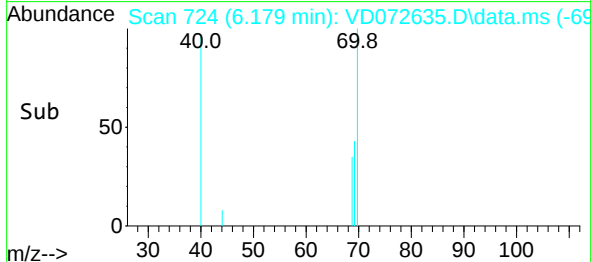
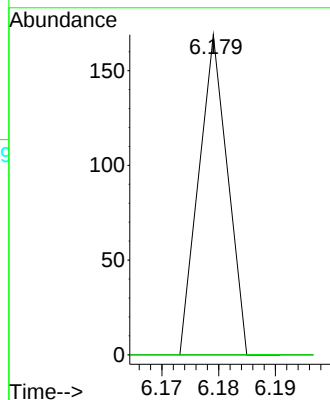
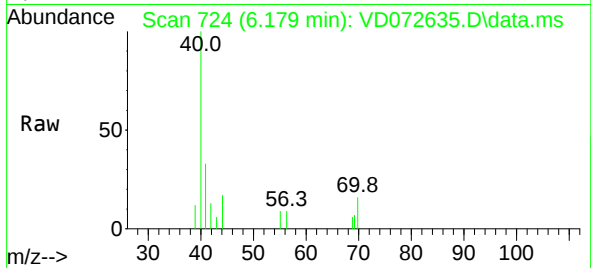




#23
 Vinyl Acetate
 Concen: 6.296 ug/l
 RT: 6.179 min Scan# 71
 Delta R.T. -0.124 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

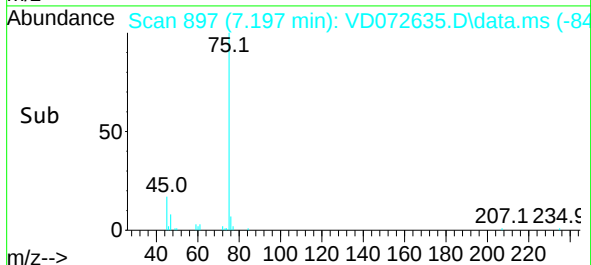
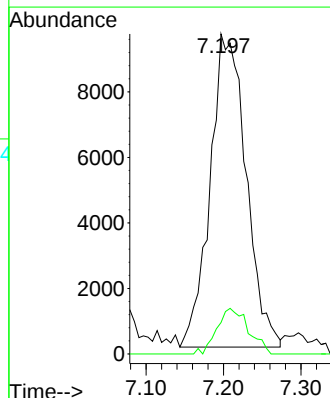
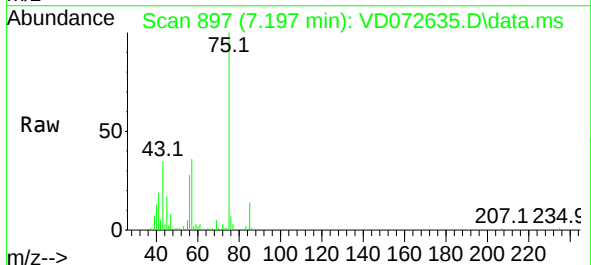
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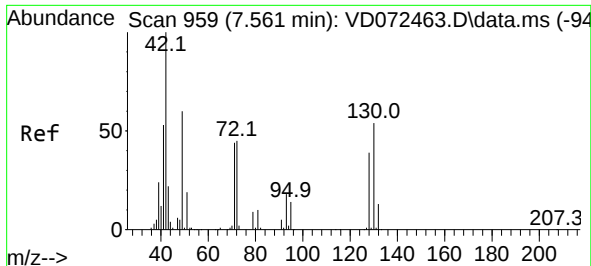
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 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 23.504 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.012 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

Tgt Ion: 43 Resp: 30817
 Ion Ratio Lower Upper
 43 100
 72 10.0 18.6 27.8#





#29

Tetrahydrofuran

Concen: 1.185 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

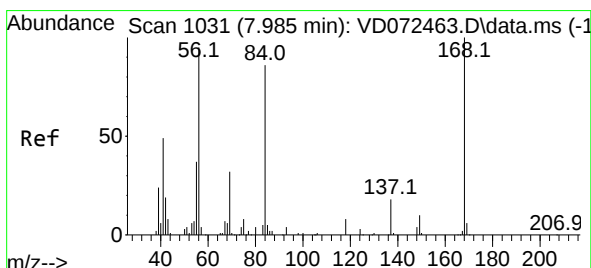
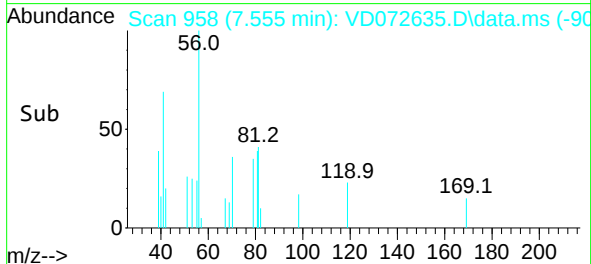
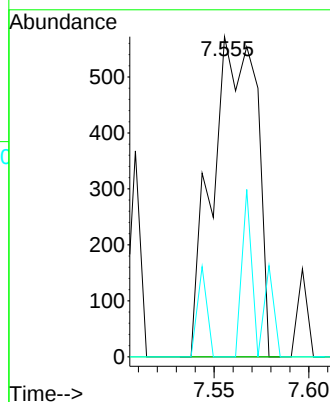
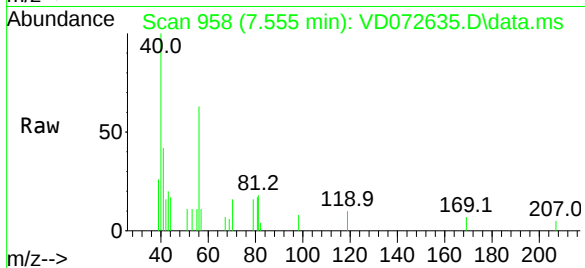
Tgt Ion: 42 Resp: 938

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 140.271 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

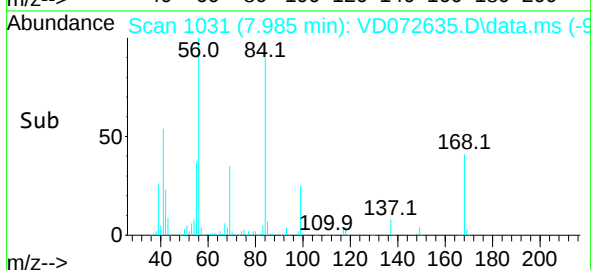
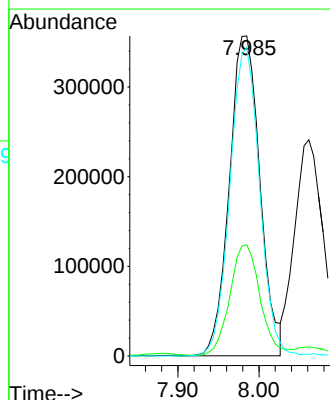
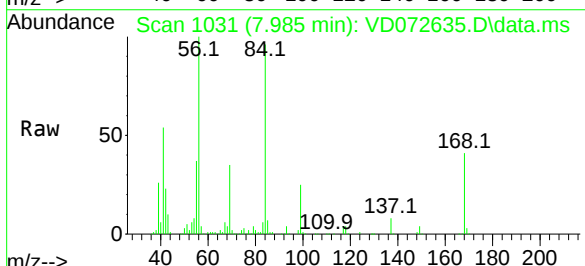
Tgt Ion: 56 Resp: 932489

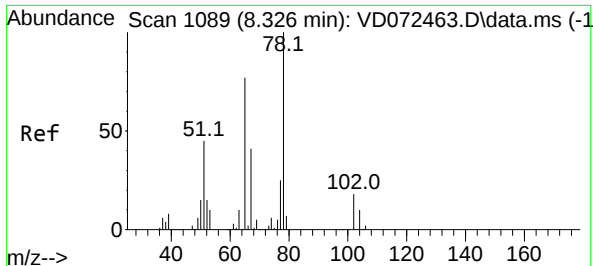
Ion Ratio Lower Upper

56 100

69 34.4 25.4 38.2

84 96.6 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.007 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

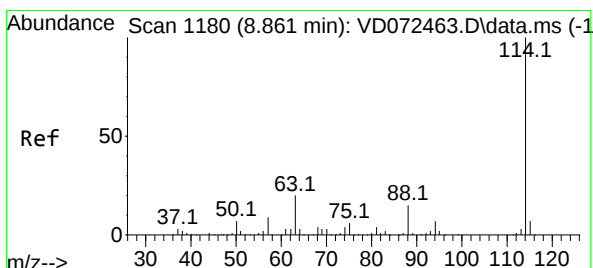
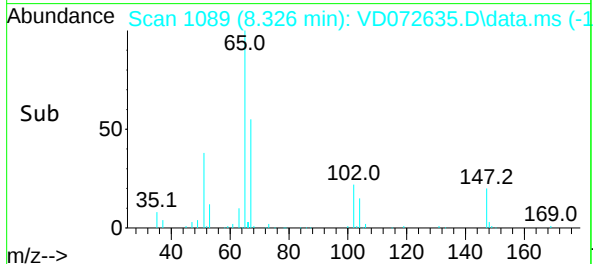
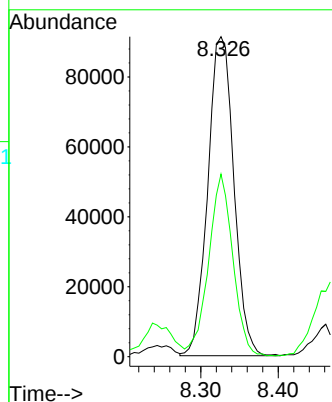
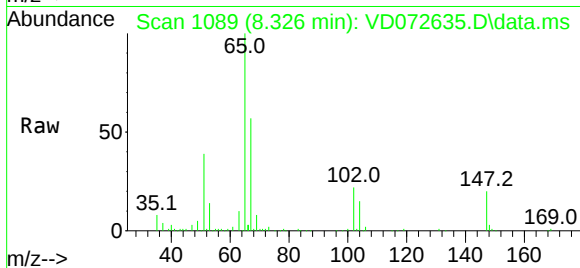
SB-4D

Tgt Ion: 65 Resp: 213568

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

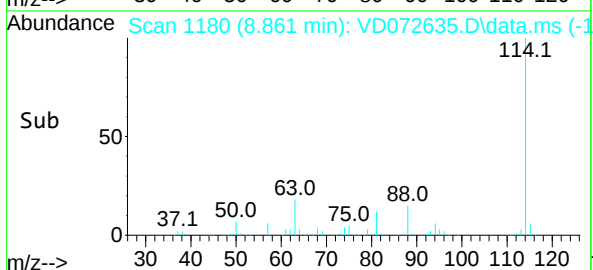
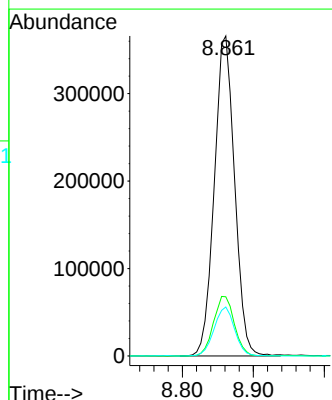
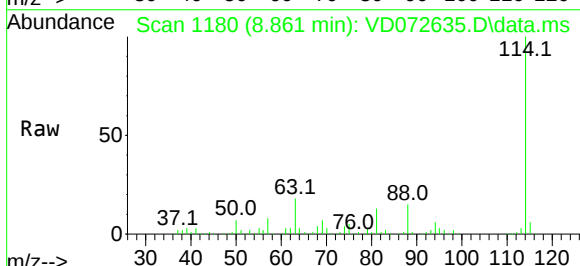
Tgt Ion: 114 Resp: 725248

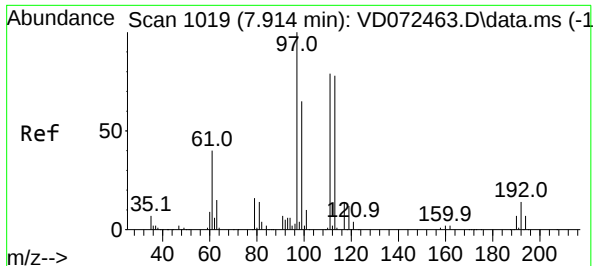
Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 39.909 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

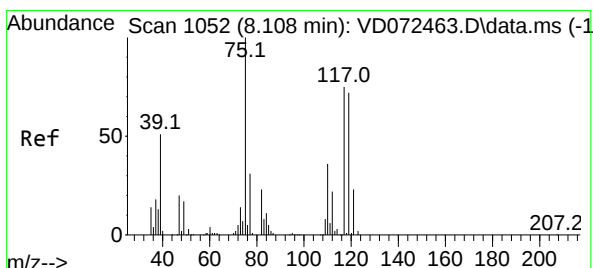
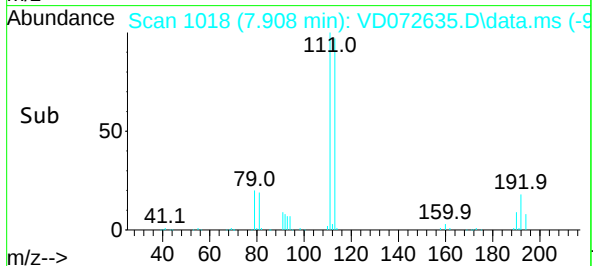
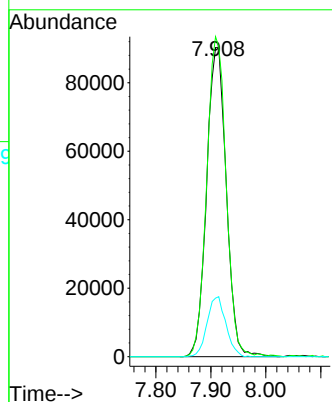
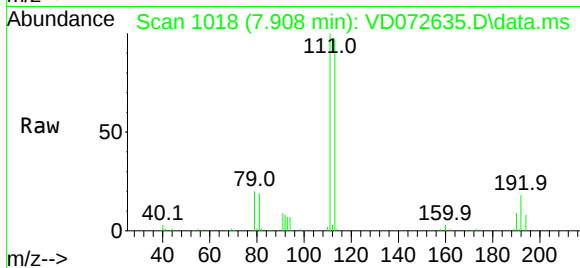
Tgt Ion:113 Resp: 224936

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.947 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

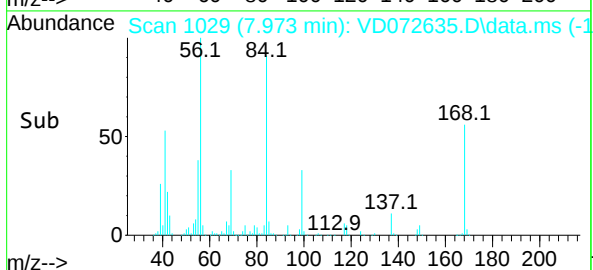
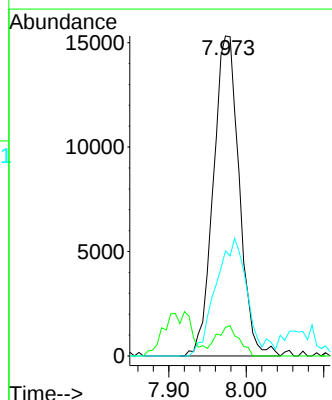
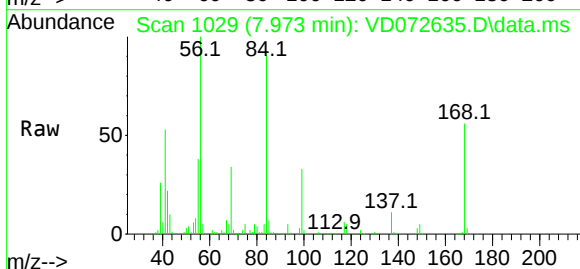
Tgt Ion: 75 Resp: 35540

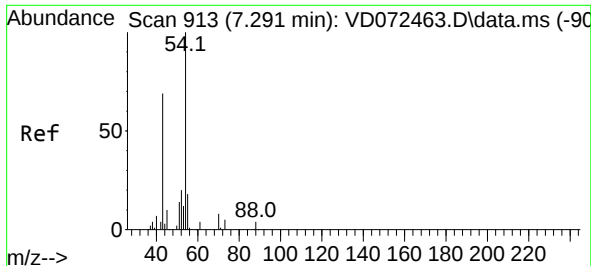
Ion Ratio Lower Upper

75 100

110 8.1 16.4 49.1#

77 43.7 24.2 36.2#





#37

Ethyl Acetate

Concen: 10.319 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

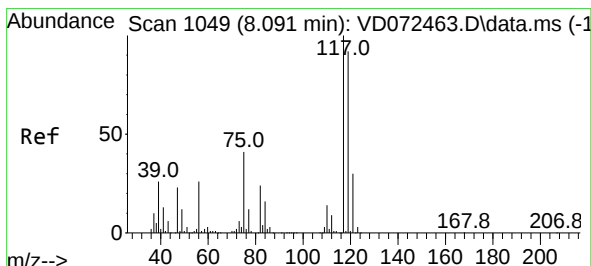
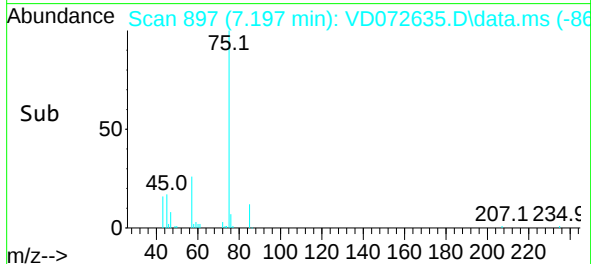
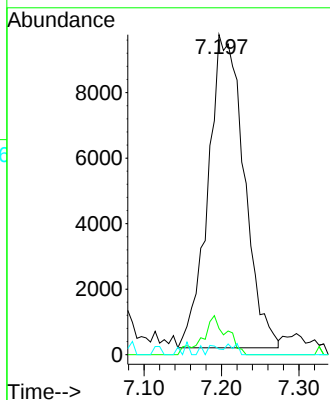
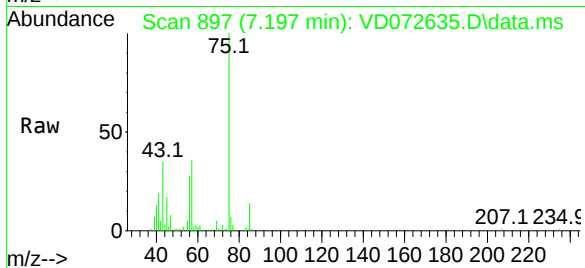
Tgt Ion: 43 Resp: 30817

Ion Ratio Lower Upper

43 100

61 8.4 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 6.042 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

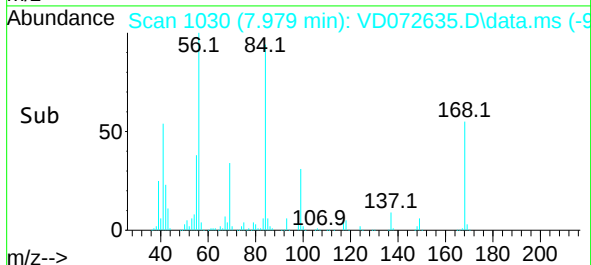
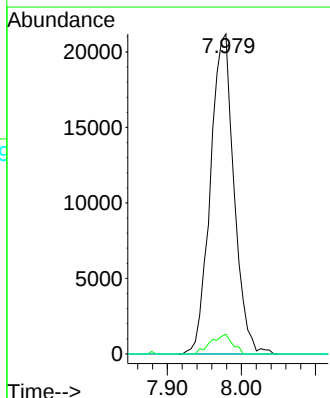
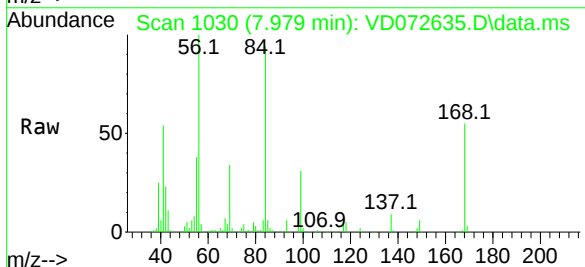
Tgt Ion: 117 Resp: 46912

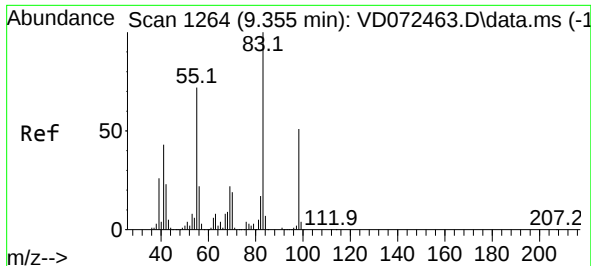
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 924.451 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

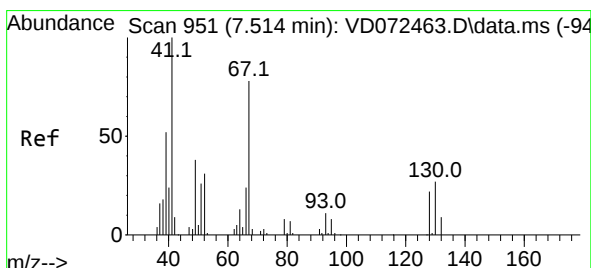
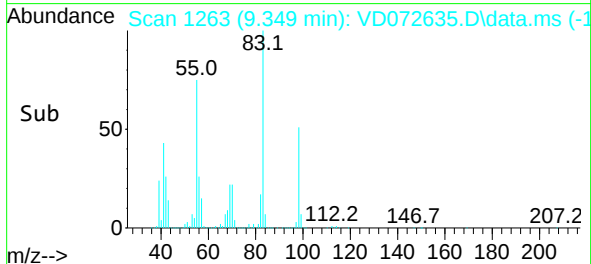
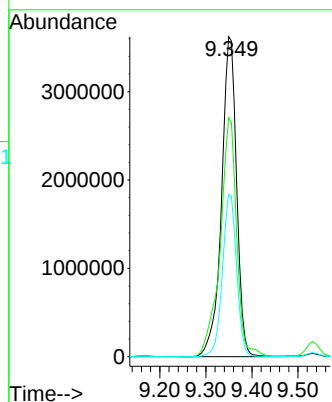
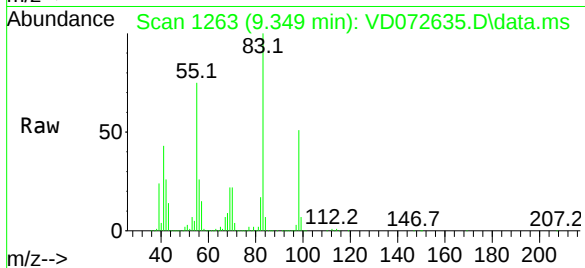
Tgt Ion: 83 Resp: 8202197

Ion Ratio Lower Upper

83 100

55 74.7 63.2 94.8

98 50.8 38.2 57.4



#41

Methacrylonitrile

Concen: 2.518 ug/l

RT: 7.479 min Scan# 945

Delta R.T. -0.035 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Tgt Ion: 41 Resp: 1552

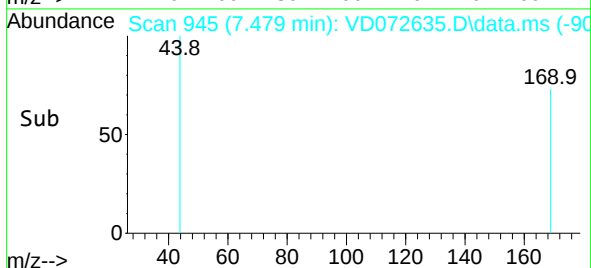
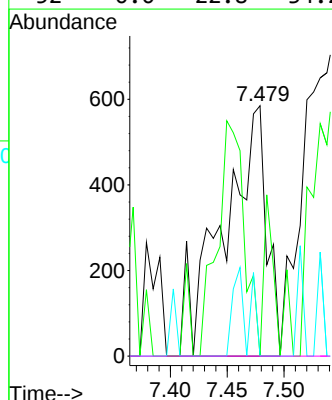
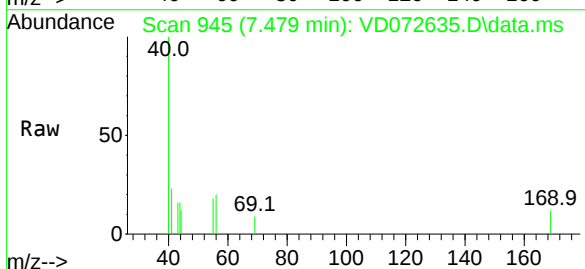
Ion Ratio Lower Upper

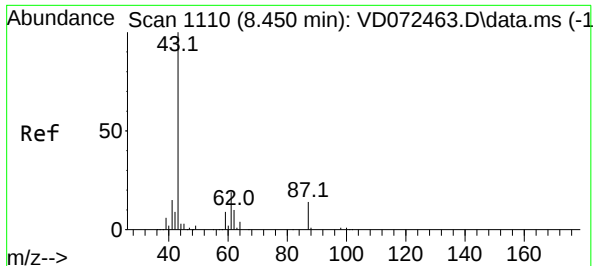
41 100

39 0.0 44.6 67.0#

67 0.0 48.2 72.4#

52 0.0 22.8 34.2#

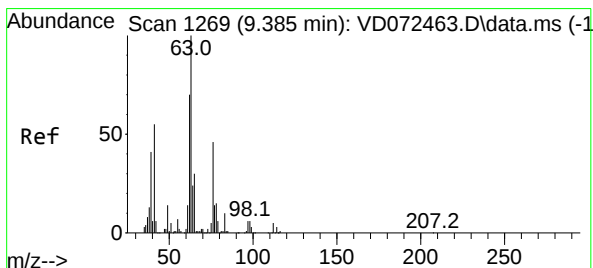
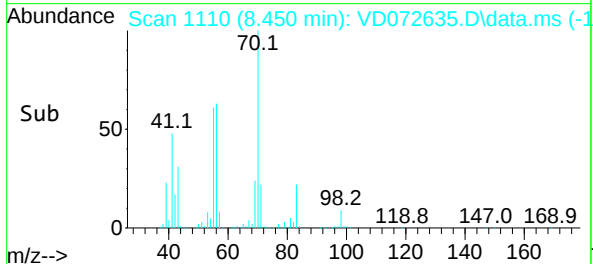
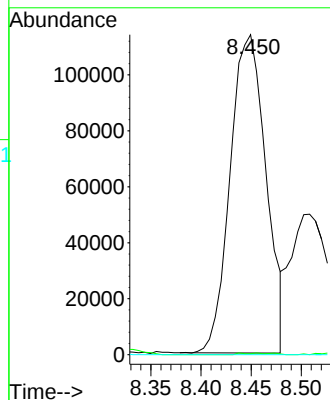
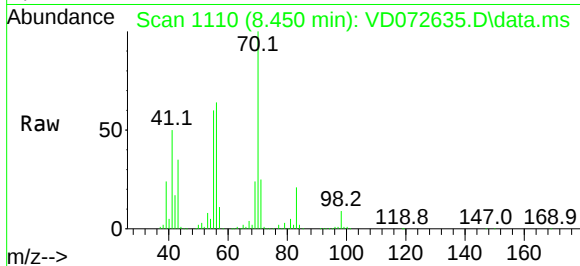




#43
Isopropyl Acetate
Concen: 49.445 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

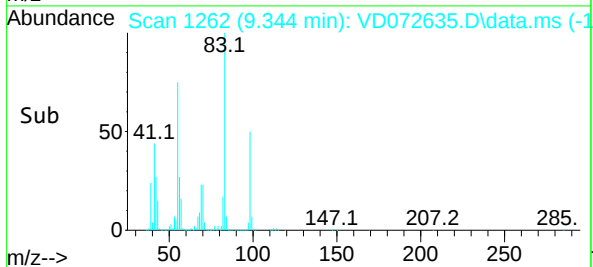
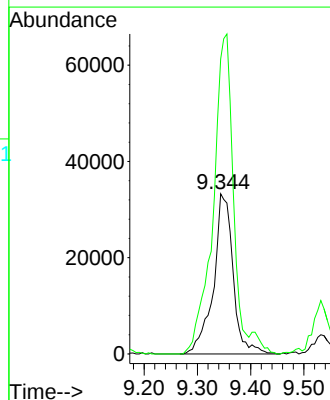
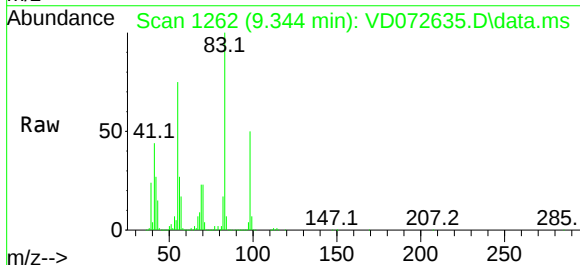
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

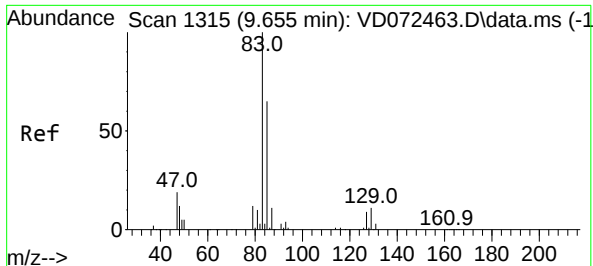
Tgt Ion: 43 Resp: 283252
Ion Ratio Lower Upper
43 100
61 0.3 22.4 33.6#
87 0.0 8.7 13.1#



#45
1,2-Dichloropropane
Concen: 15.533 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.041 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 63 Resp: 85050
Ion Ratio Lower Upper
63 100
65 184.2 26.2 39.4#

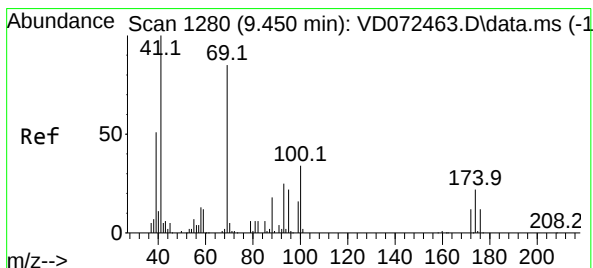
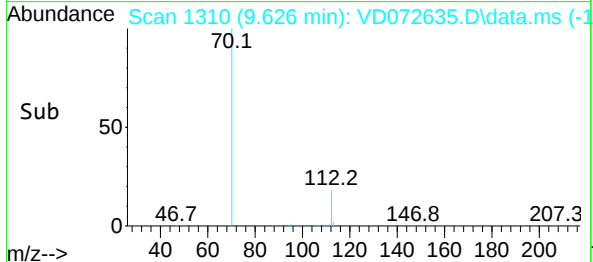
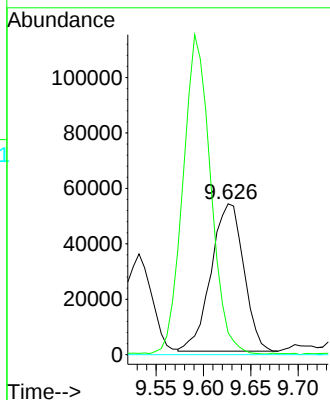
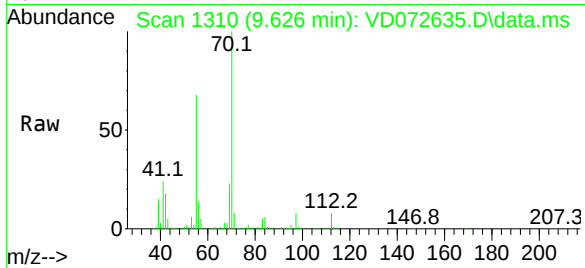




#47
Bromodichloromethane
Concen: 15.472 ug/l
RT: 9.626 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

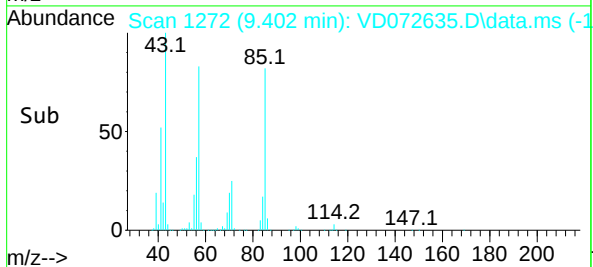
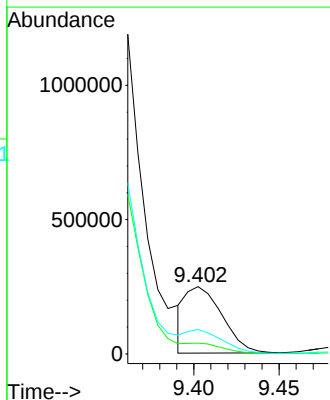
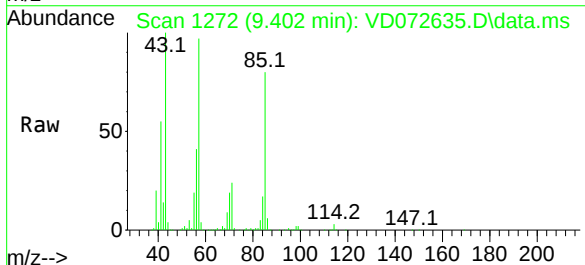
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

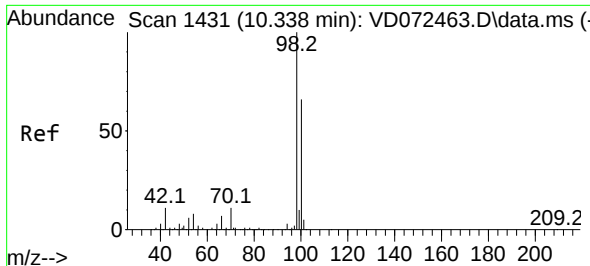
Tgt Ion: 83 Resp: 127690
Ion Ratio Lower Upper
83 100
85 14.3 51.4 77.0#
127 0.0 6.1 9.1#



#48
Methyl methacrylate
Concen: 132.711 ug/l
RT: 9.402 min Scan# 1272
Delta R.T. -0.047 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 41 Resp: 369096
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

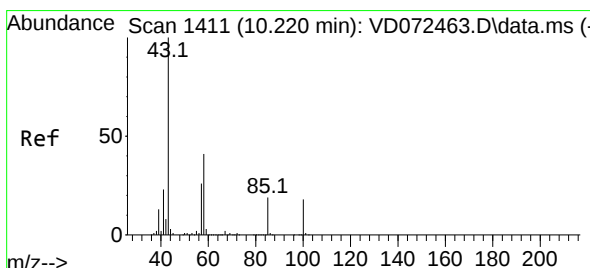
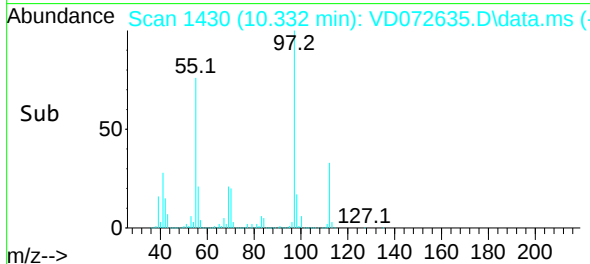
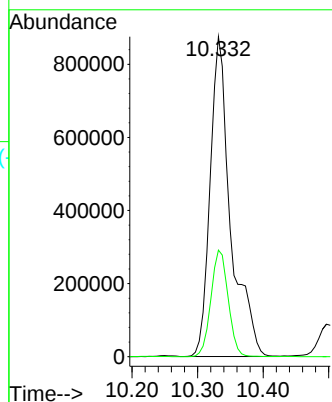
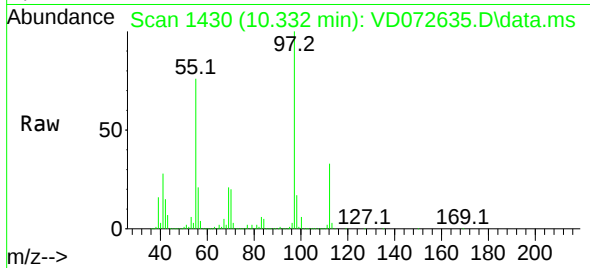




#50
Toluene-d8
Concen: 97.090 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

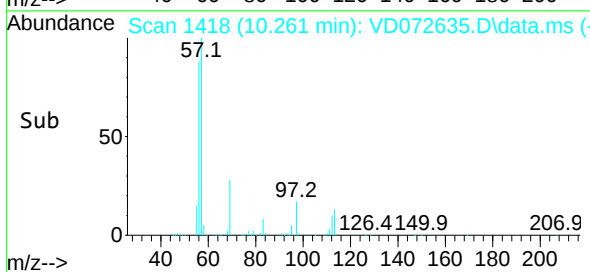
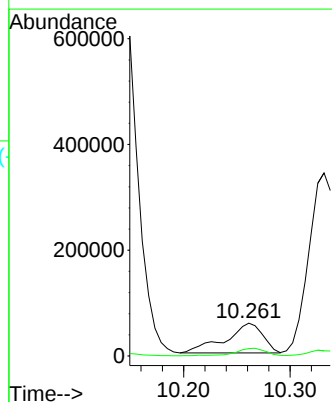
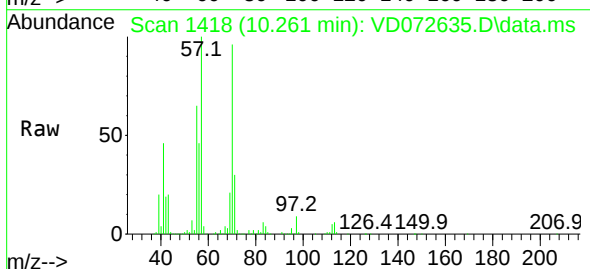
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

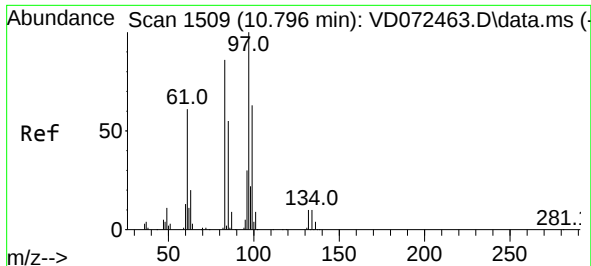
Tgt Ion: 98 Resp: 1902166
Ion Ratio Lower Upper
98 100
100 27.9 52.4 78.6#



#51
4-Methyl-2-Pentanone
Concen: 44.973 ug/l
RT: 10.261 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 43 Resp: 138239
Ion Ratio Lower Upper
43 100
58 20.8 28.6 43.0#

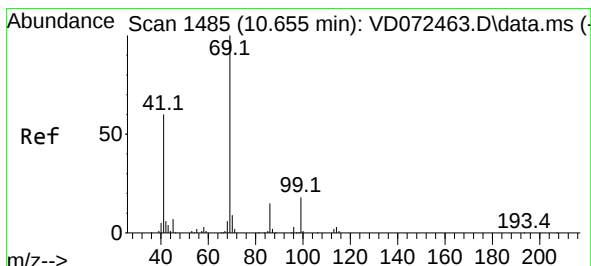
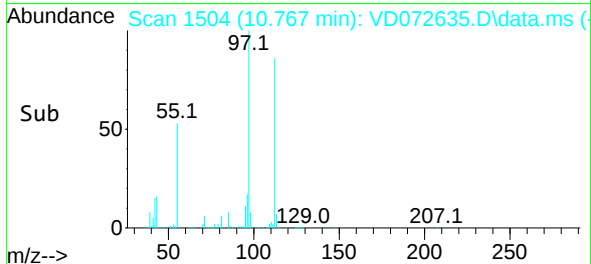
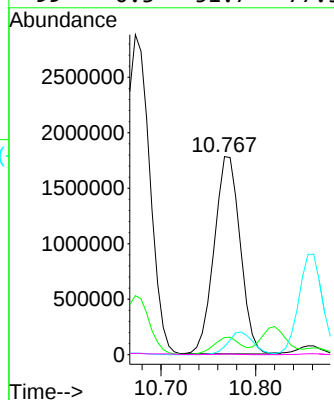
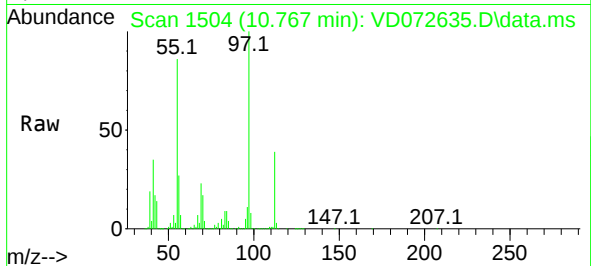




#55
1,1,2-Trichloroethane
Concen: 780.898 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.029 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

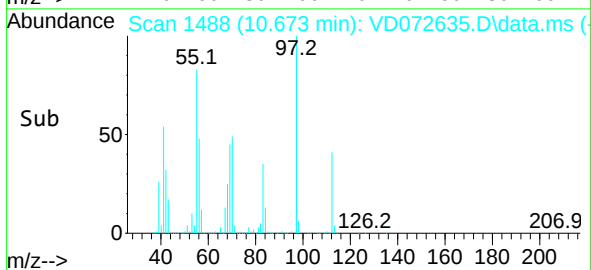
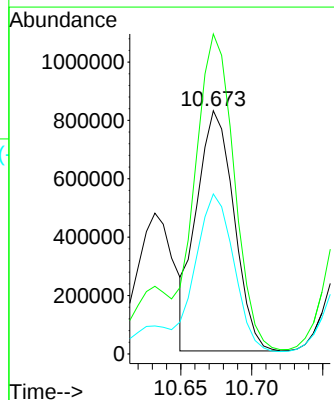
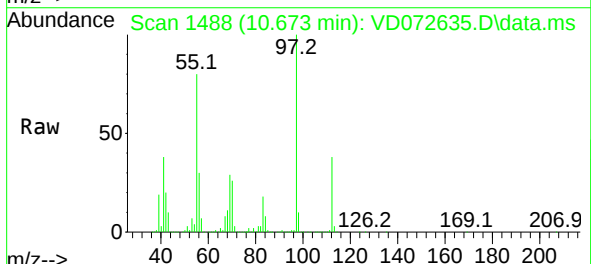
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

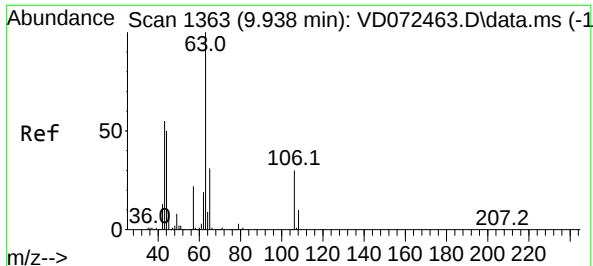
Tgt Ion: 97 Resp: 3400975
Ion Ratio Lower Upper
97 100
83 8.4 69.0 103.4#
85 4.1 42.6 63.8#
99 0.3 51.7 77.5#



#56
Ethyl methacrylate
Concen: 275.230 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 69 Resp: 1503292
Ion Ratio Lower Upper
69 100
41 137.0 63.0 94.6#
39 67.1 33.8 50.8#





#58

2-Chloroethyl Vinyl ether

Concen: 1.365 ug/l

RT: 9.955 min Scan# 11

Delta R.T. 0.018 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

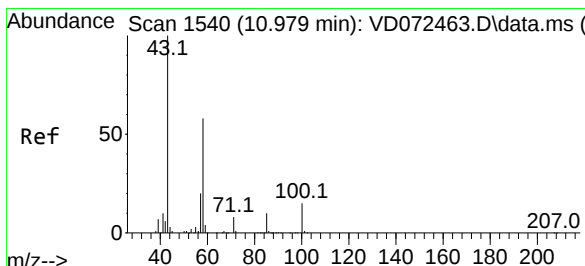
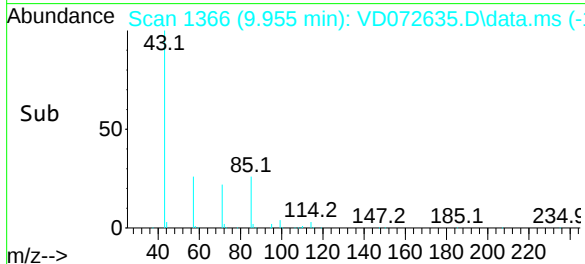
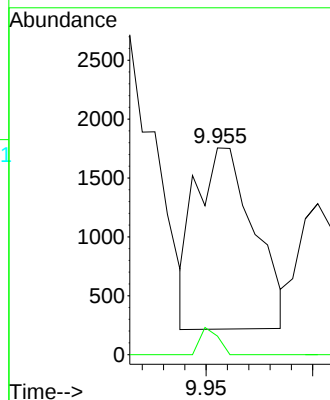
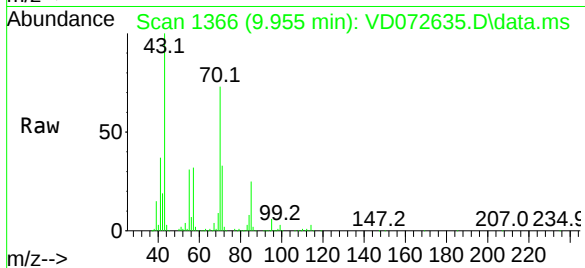
SB-4D

Tgt Ion: 63 Resp: 2936

Ion Ratio Lower Upper

63 100

106 4.7 21.4 32.0#



#59

2-Hexanone

Concen: 3026.697 ug/l

RT: 10.949 min Scan# 1535

Delta R.T. -0.029 min

Lab File: VD072635.D

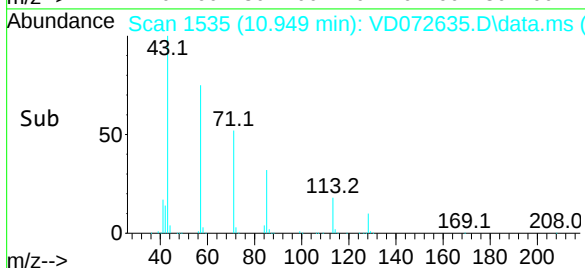
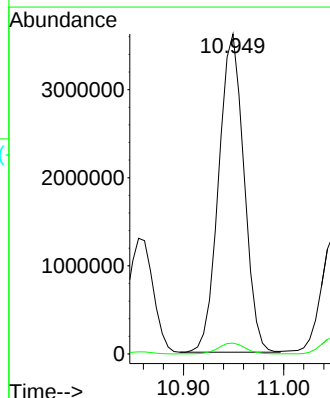
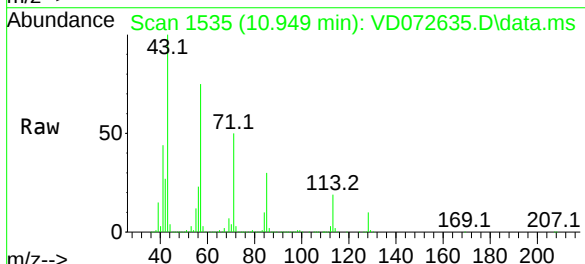
Acq: 19 Apr 2022 20:07

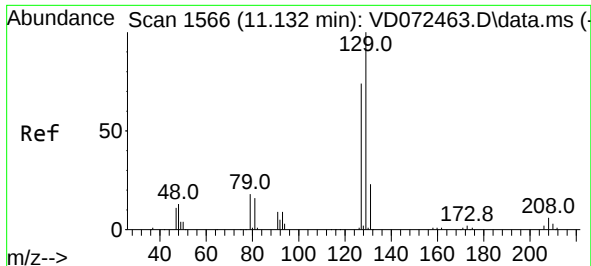
Tgt Ion: 43 Resp: 6326592

Ion Ratio Lower Upper

43 100

58 3.6 25.3 75.9#

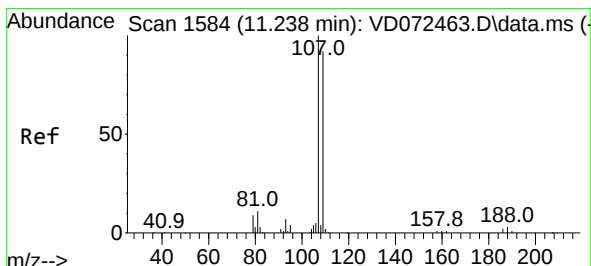
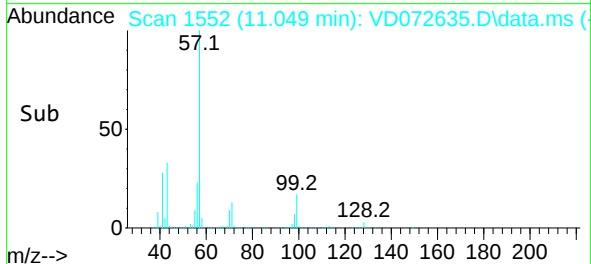
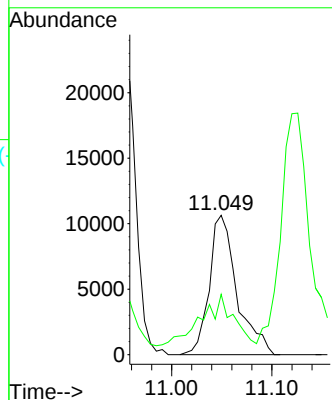
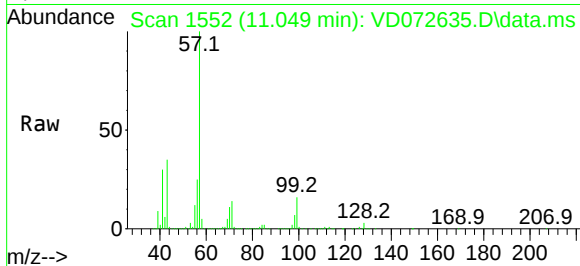




#60
Dibromochloromethane
Concen: 3.632 ug/l
RT: 11.049 min Scan# 11
Delta R.T. -0.082 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

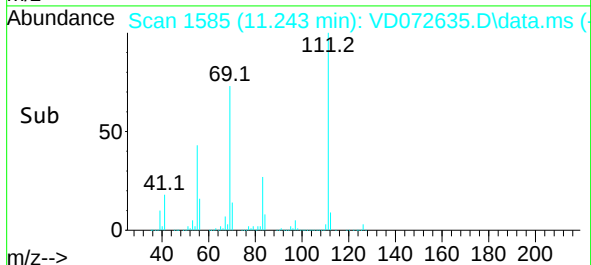
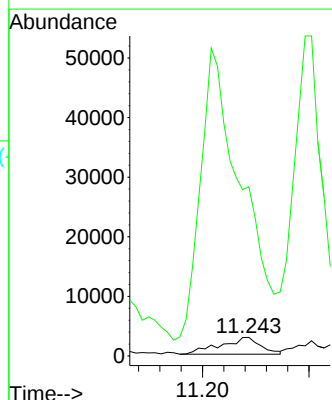
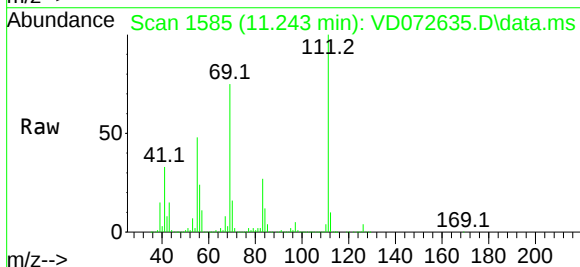
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

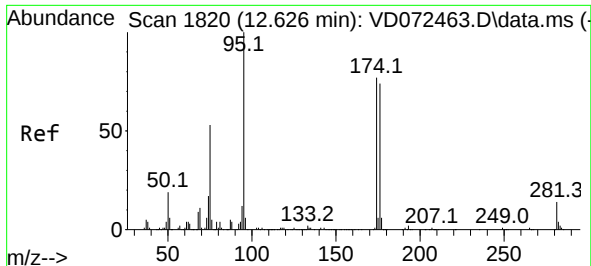
Tgt Ion:129 Resp: 20404
Ion Ratio Lower Upper
129 100
127 46.8 39.2 117.6



#61
1,2-Dibromoethane
Concen: 1.923 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion:107 Resp: 7436
Ion Ratio Lower Upper
107 100
109 0.0 74.2 111.4#

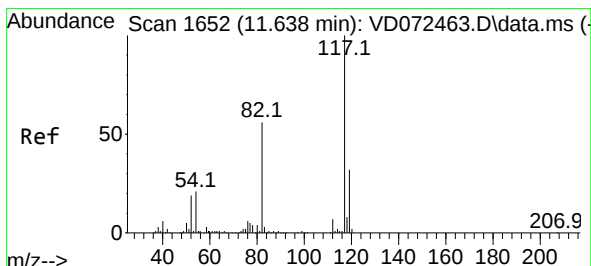
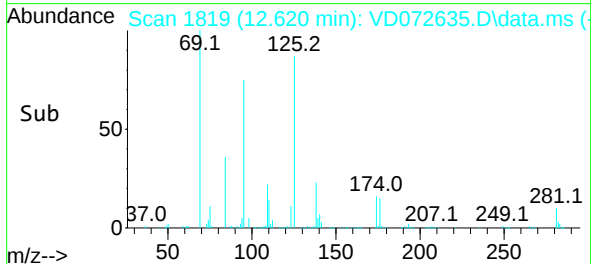
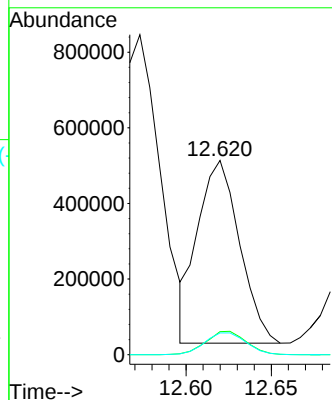
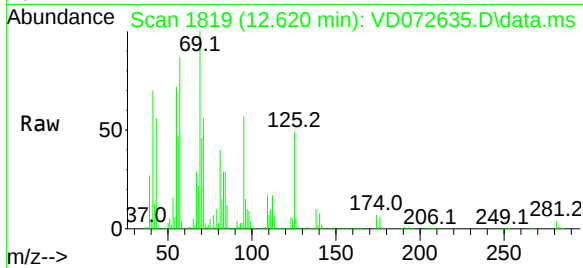




#62
4-Bromofluorobenzene
Concen: 108.465 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

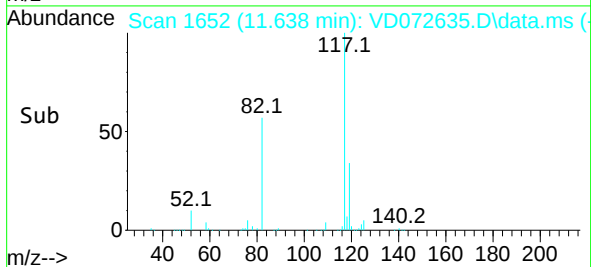
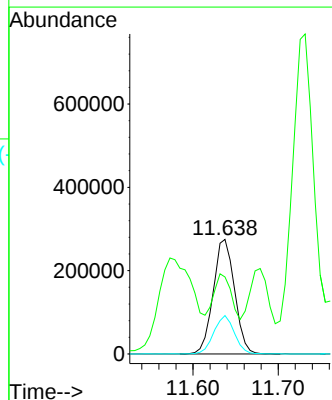
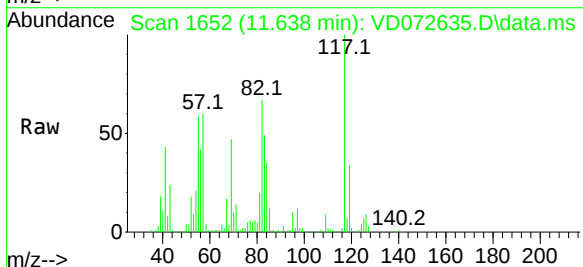
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

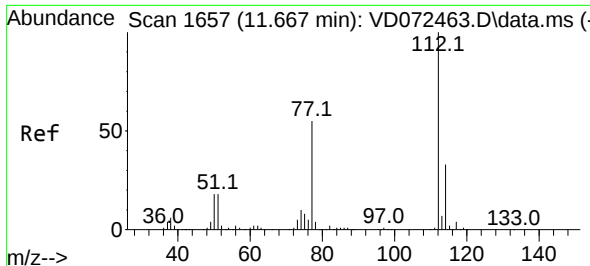
Tgt Ion: 95 Resp: 829911
Ion Ratio Lower Upper
95 100
174 12.3 0.0 152.8
176 11.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 117 Resp: 479022
Ion Ratio Lower Upper
117 100
82 38.3 45.3 67.9#
119 33.6 26.6 40.0

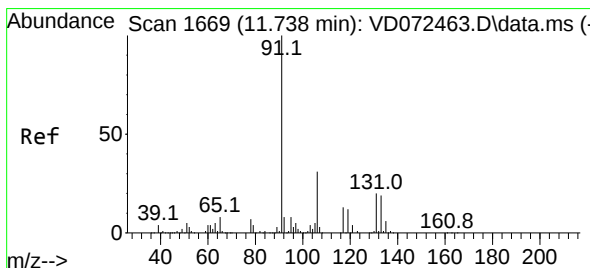
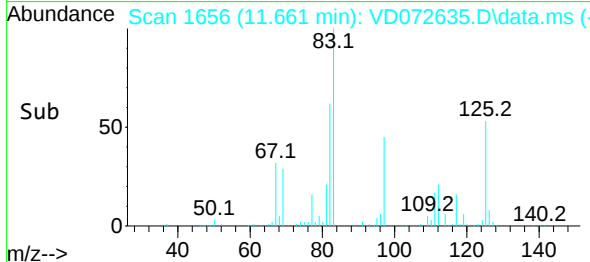
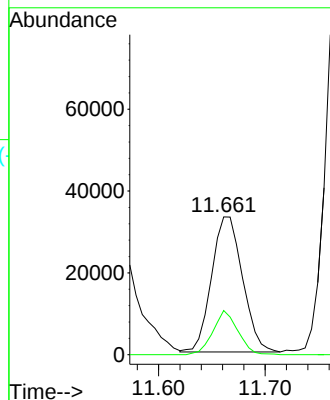
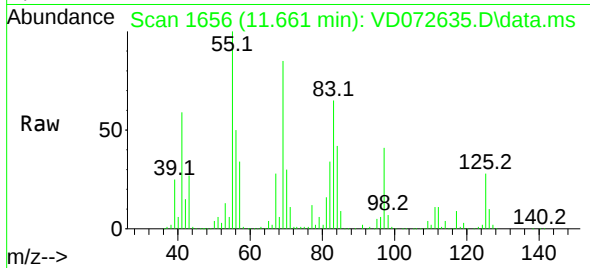




#65
Chlorobenzene
Concen: 6.224 ug/l
RT: 11.661 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

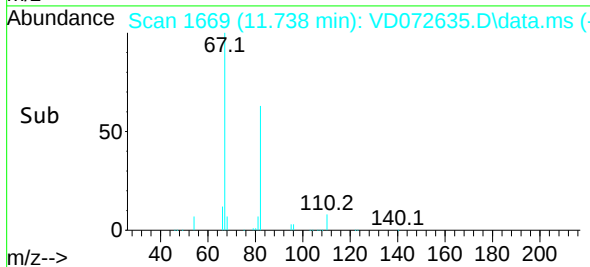
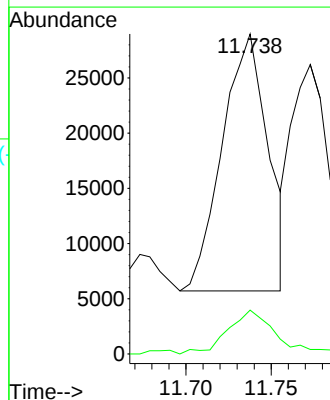
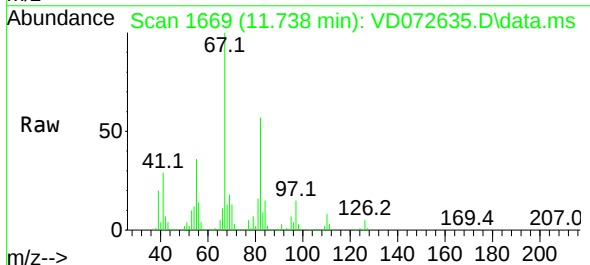
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

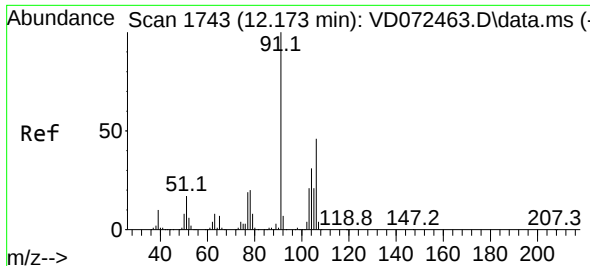
Tgt Ion:112 Resp: 66660
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6



#67
Ethyl Benzene
Concen: 2.321 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 91 Resp: 43374
Ion Ratio Lower Upper
91 100
106 17.1 24.2 36.4#

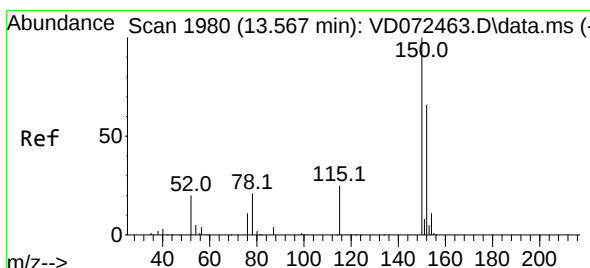
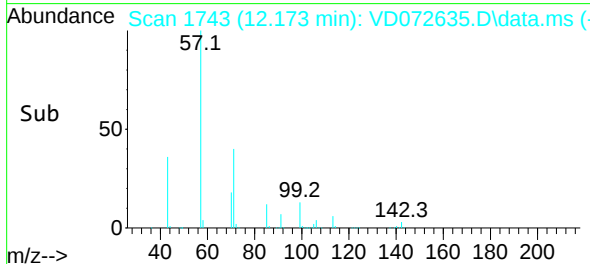
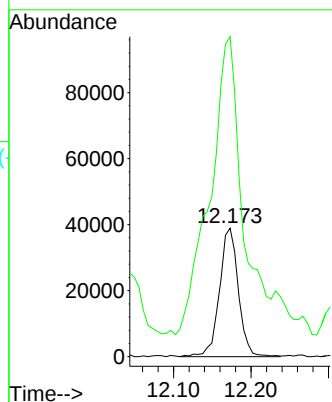
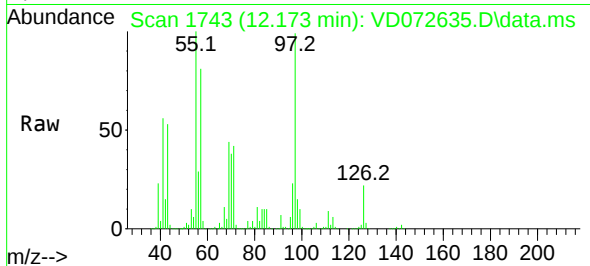




#69
o-Xylene
Concen: 9.647 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

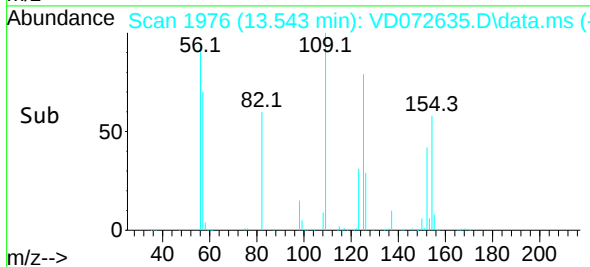
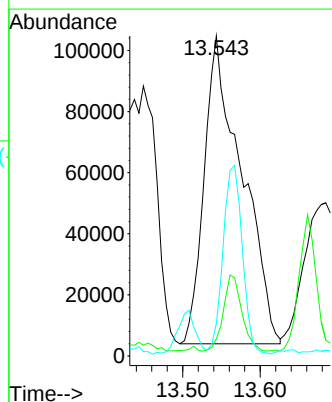
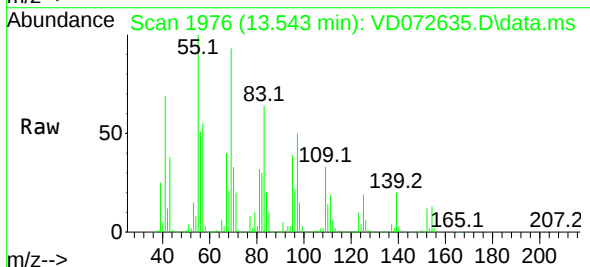
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

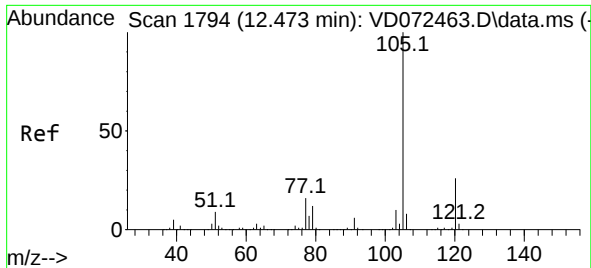
Tgt Ion:106 Resp: 65988
Ion Ratio Lower Upper
106 100
91 396.9 110.4 331.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1976
Delta R.T. -0.024 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion:152 Resp: 339289
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6

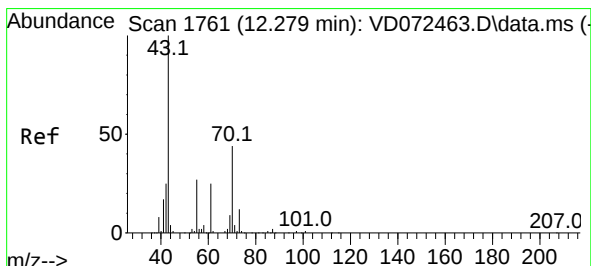
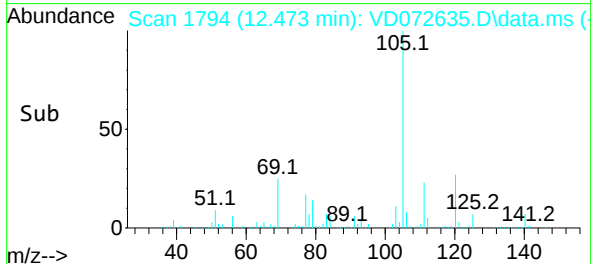
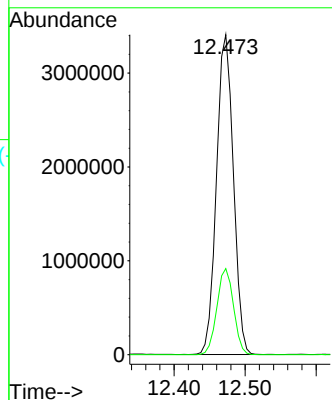
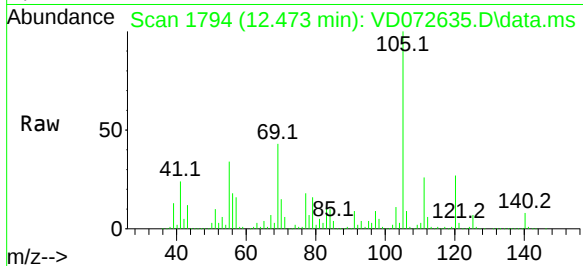




#73
Isopropylbenzene
Concen: 204.742 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

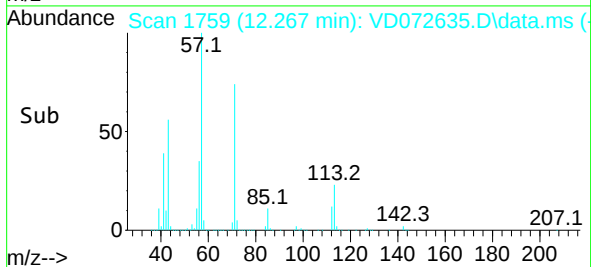
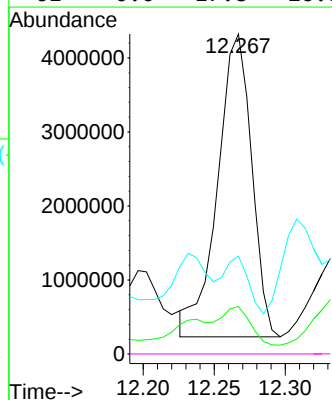
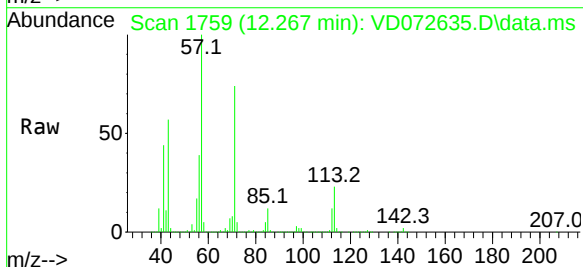
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

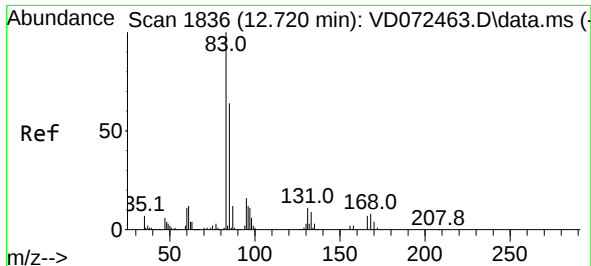
Tgt Ion:105 Resp: 5610172
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 1187.523 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 43 Resp: 6827475
Ion Ratio Lower Upper
43 100
70 10.4 31.3 46.9#
55 13.7 20.0 30.0#
61 0.0 17.8 26.8#

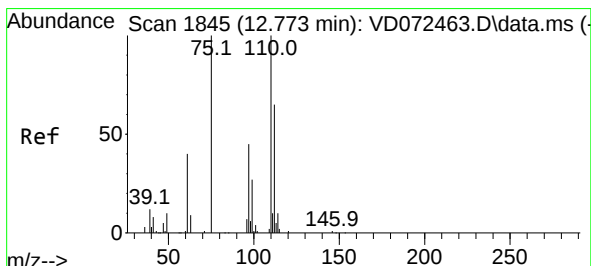
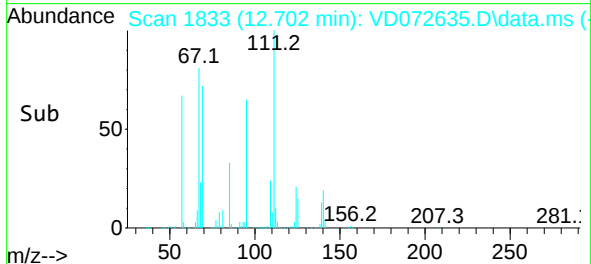
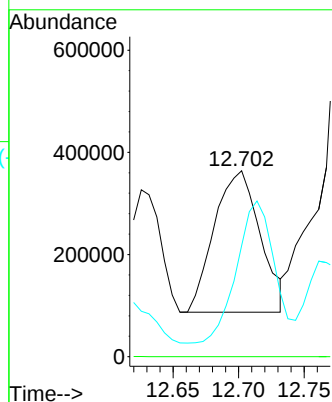
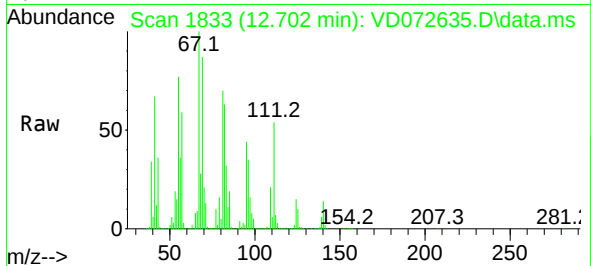




#75
1,1,2,2-Tetrachloroethane
Concen: 129.844 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

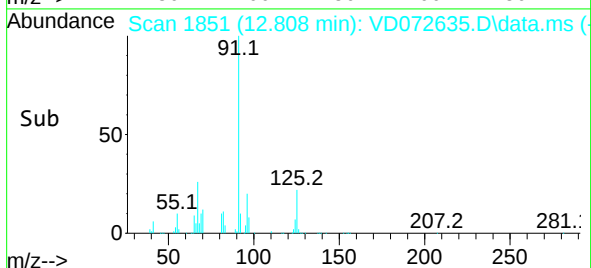
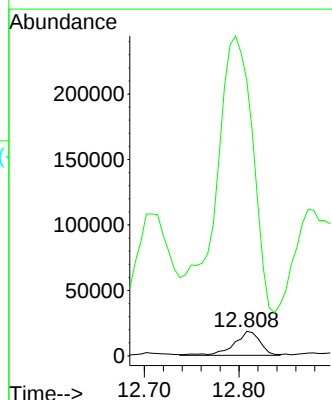
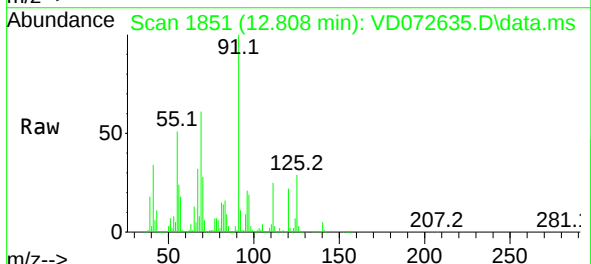
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

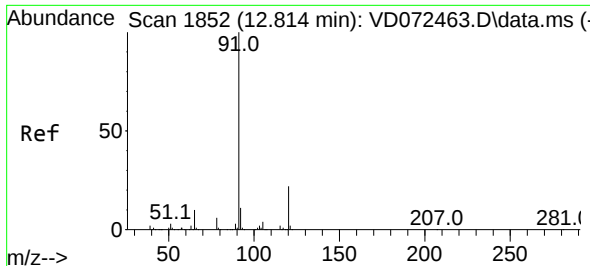
Tgt Ion: 83 Resp: 673905
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 83.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 9.429 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.035 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 75 Resp: 34892
Ion Ratio Lower Upper
75 100
77 1505.6 0.0 0.0#

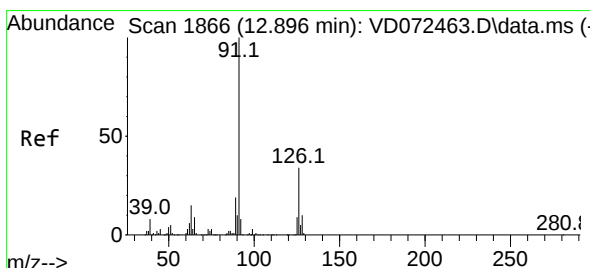
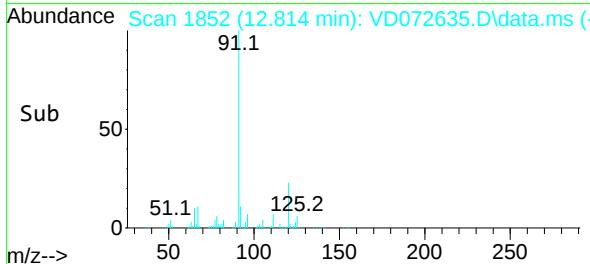
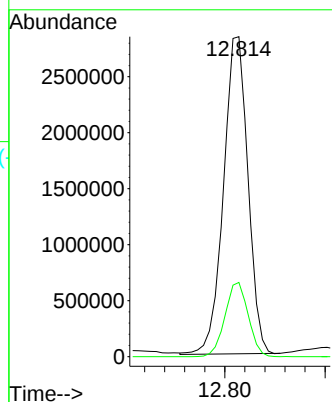
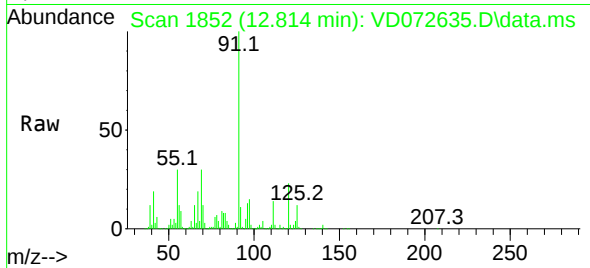




#78
n-propylbenzene
Concen: 144.576 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

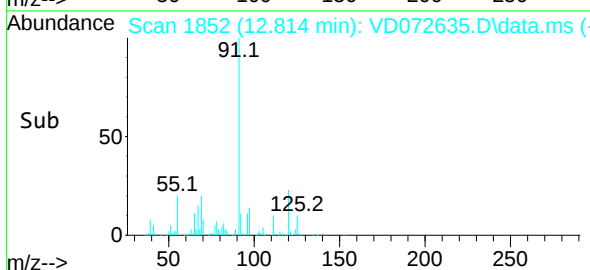
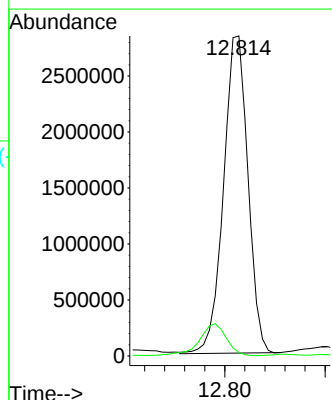
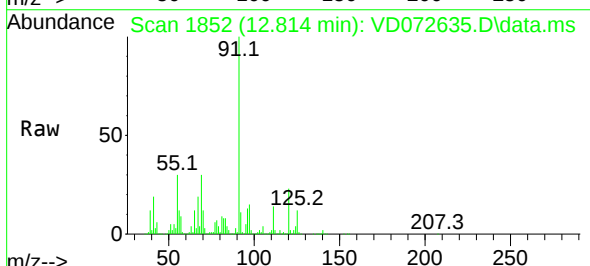
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

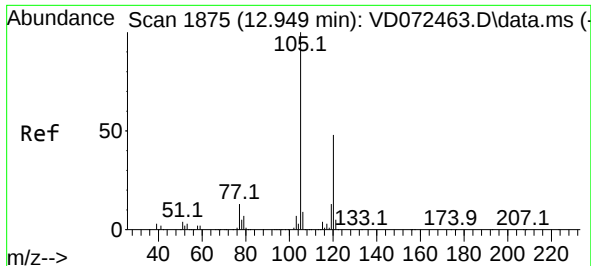
Tgt Ion: 91 Resp: 4779114
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 247.217 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.082 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 91 Resp: 4779114
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.6#

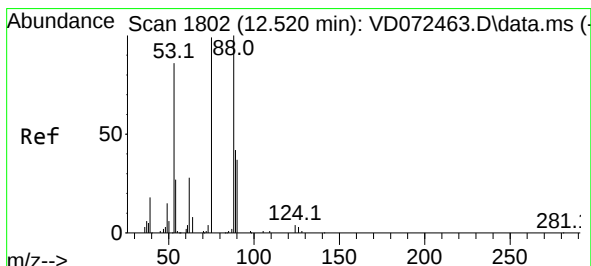
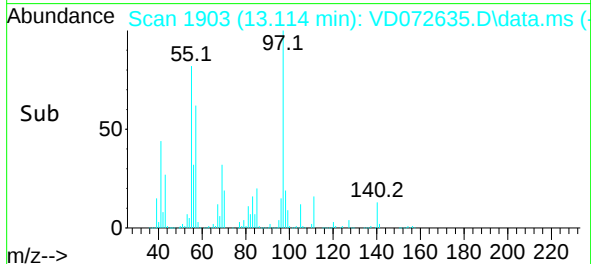
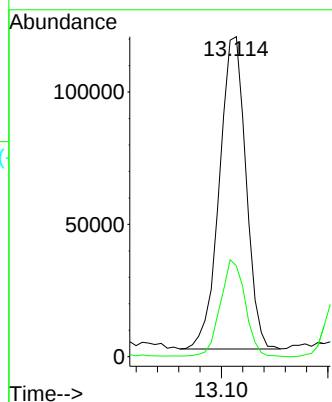
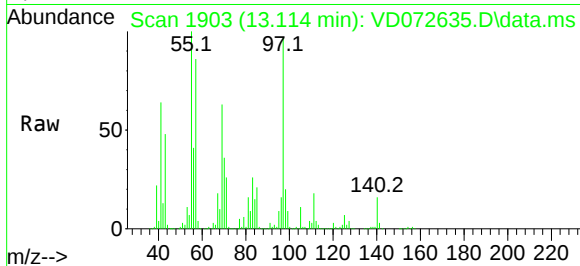




#80
 1,3,5-Trimethylbenzene
 Concen: 8.703 ug/l
 RT: 13.114 min Scan# 1903
 Delta R.T. 0.165 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

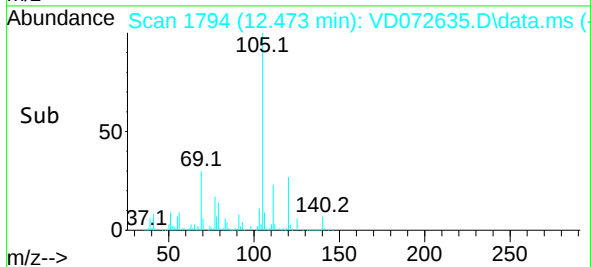
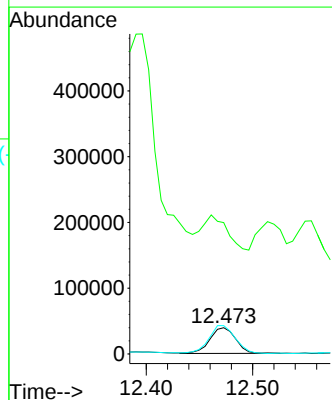
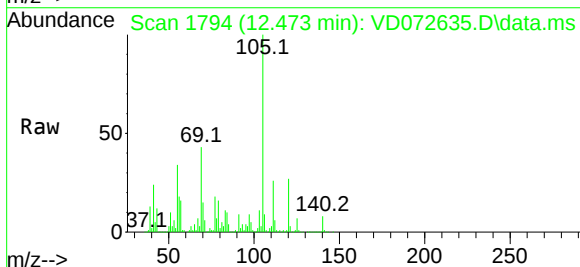
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4D

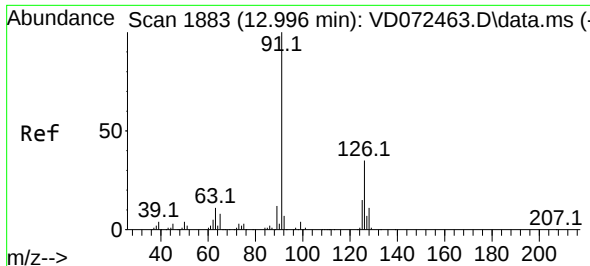
Tgt Ion:105 Resp: 204247
 Ion Ratio Lower Upper
 105 100
 120 29.1 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.665 ug/l
 RT: 12.473 min Scan# 1794
 Delta R.T. -0.047 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

Tgt Ion: 75 Resp: 65850
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 111.2 33.9 50.9#

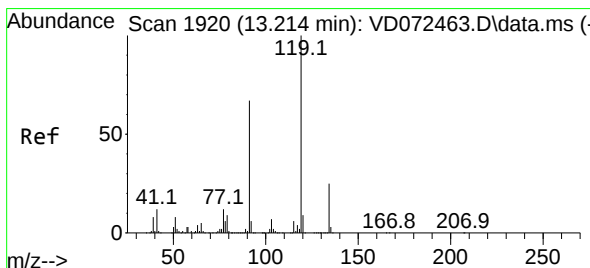
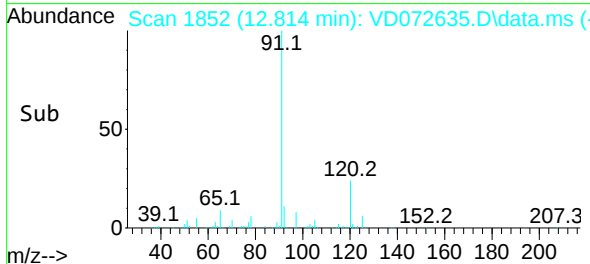
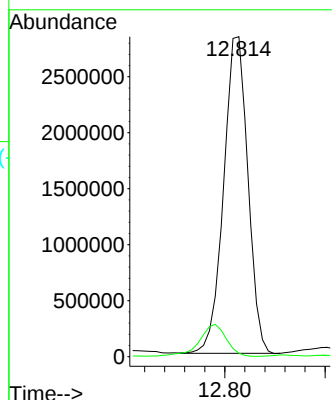
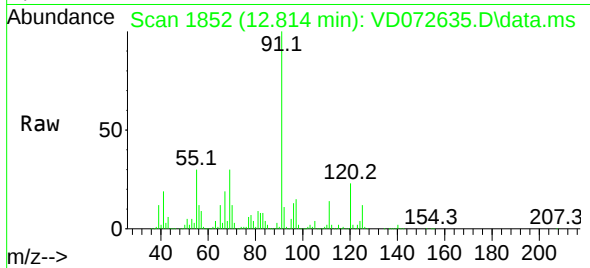




#82
4-Chlorotoluene
Concen: 235.799 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.182 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

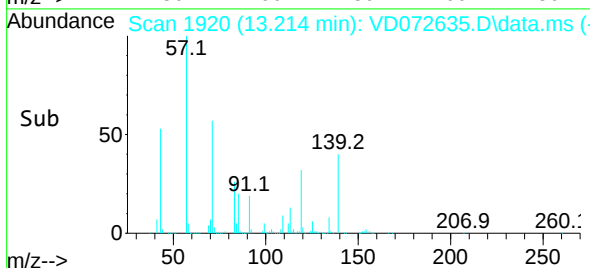
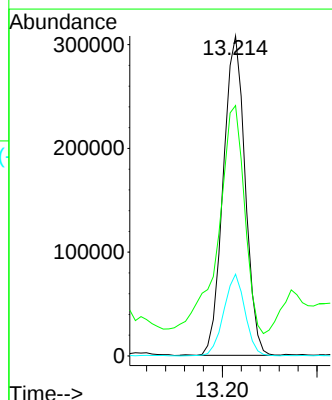
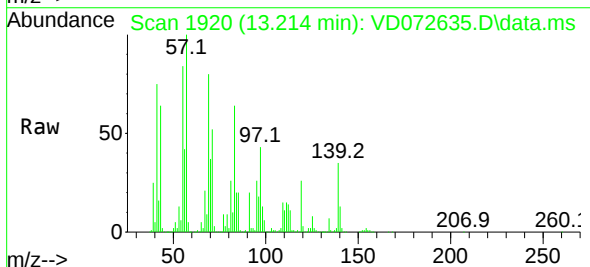
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

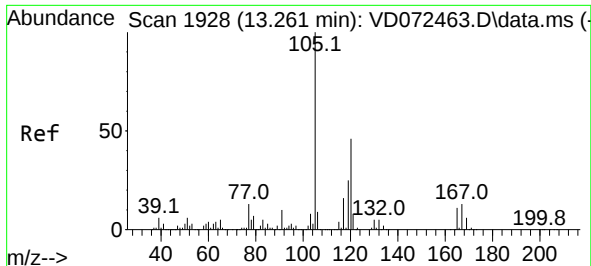
Tgt Ion: 91 Resp: 4747479
Ion Ratio Lower Upper
91 100
126 0.0 16.5 49.5#



#83
tert-Butylbenzene
Concen: 24.294 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 119 Resp: 493562
Ion Ratio Lower Upper
119 100
91 86.0 34.8 104.5
134 24.9 13.3 39.9

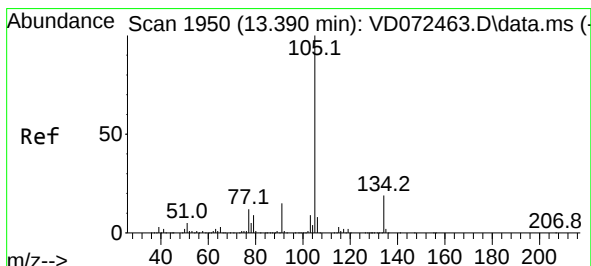
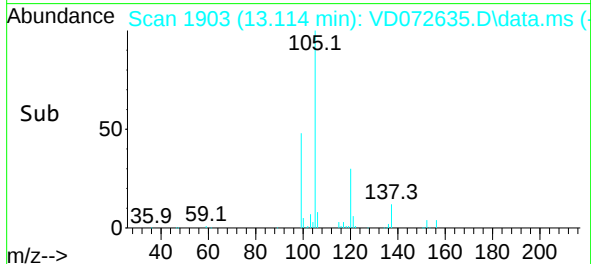
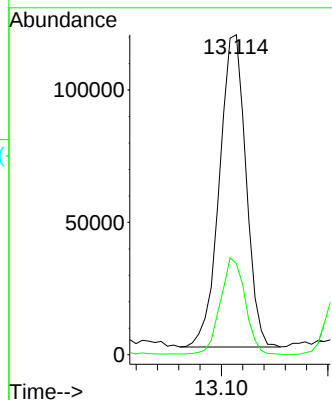
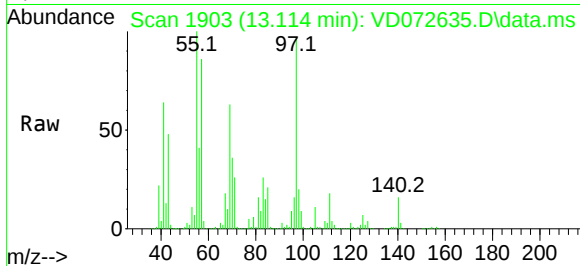




#84
1,2,4-Trimethylbenzene
Concen: 8.900 ug/l
RT: 13.114 min Scan# 1928
Delta R.T. -0.147 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

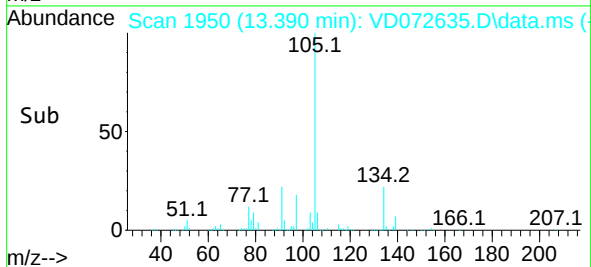
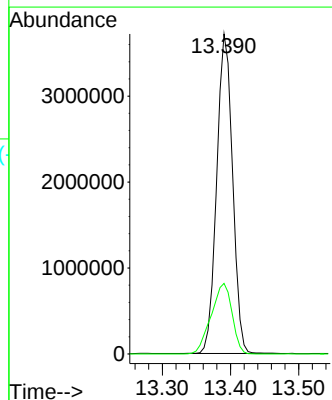
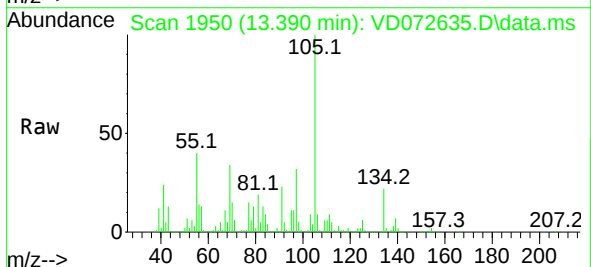
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

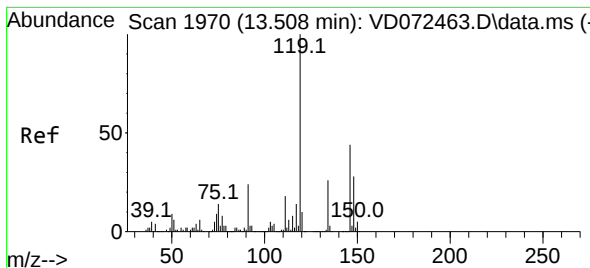
Tgt Ion:105 Resp: 204247
Ion Ratio Lower Upper
105 100
120 29.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 196.951 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion:105 Resp: 6027109
Ion Ratio Lower Upper
105 100
134 29.0 9.8 29.3





#86

p-Isopropyltoluene

Concen: 32.760 ug/l

RT: 13.661 min Scan# 1996

Delta R.T. 0.153 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

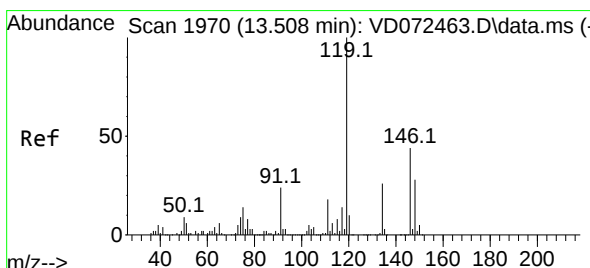
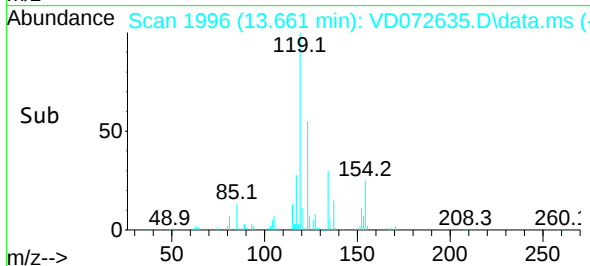
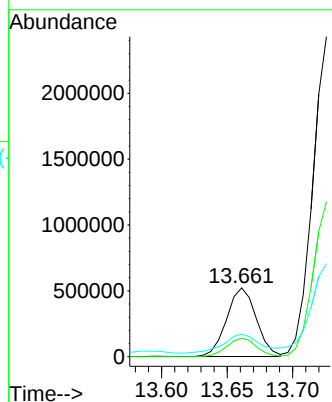
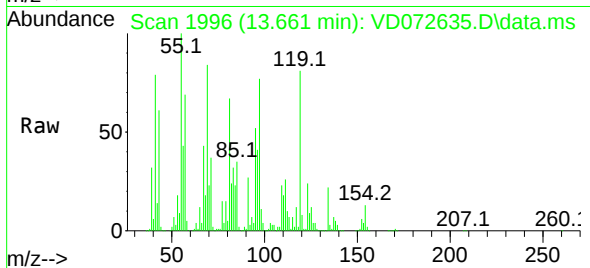
Tgt Ion:119 Resp: 819439

Ion Ratio Lower Upper

119 100

134 27.1 12.9 38.6

91 34.4 12.1 36.3



#87

1,3-Dichlorobenzene

Concen: 16.594 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

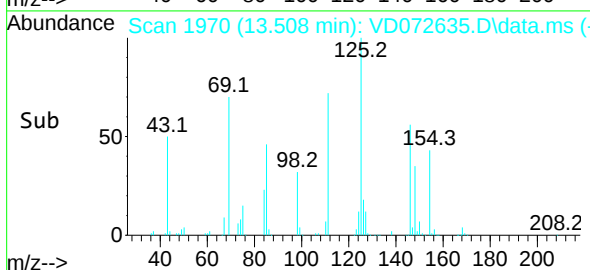
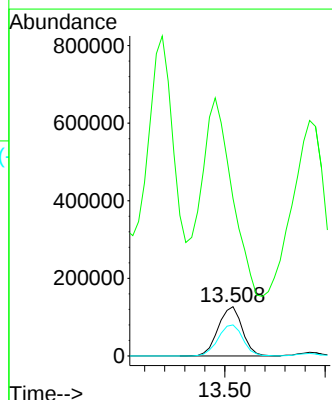
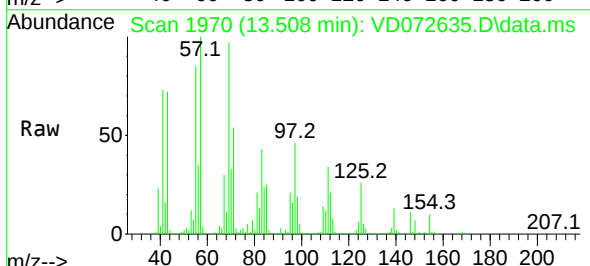
Tgt Ion:146 Resp: 211186

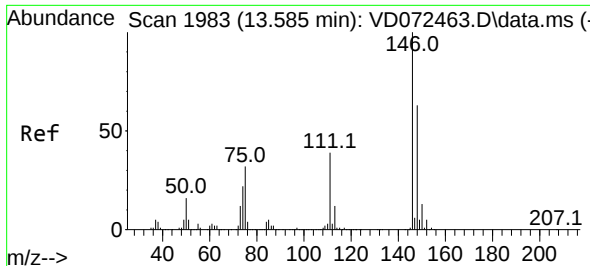
Ion Ratio Lower Upper

146 100

111 514.0 20.4 61.3#

148 65.2 31.9 95.7

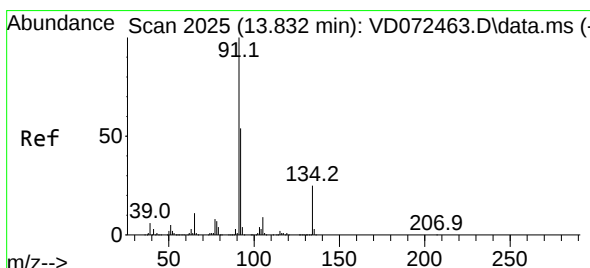
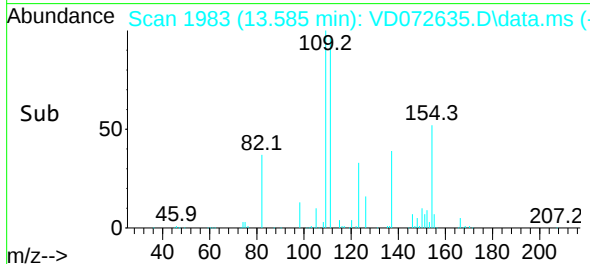
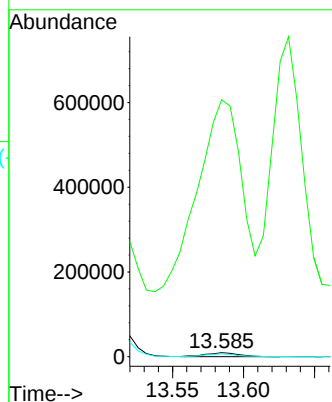
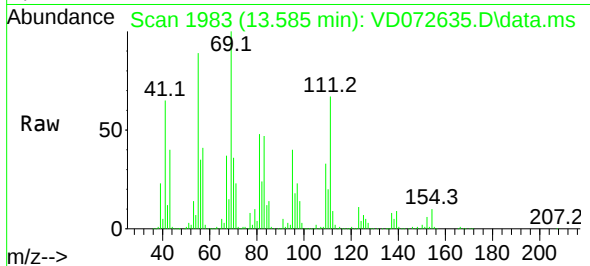




#88
1,4-Dichlorobenzene
Concen: 1.185 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

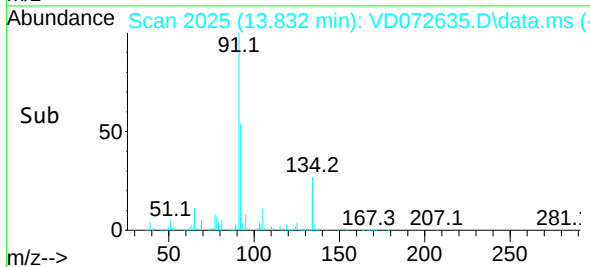
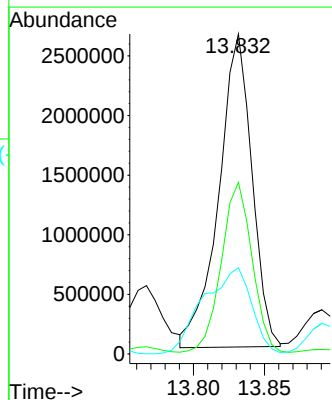
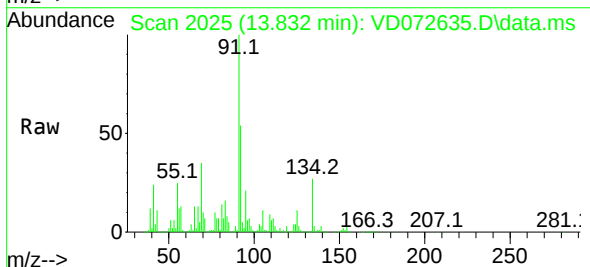
Instrument :
MSVOA_D
ClientSampleId :
SB-4D

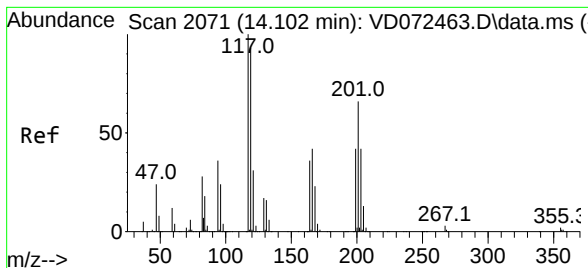
Tgt Ion:146 Resp: 15197
Ion Ratio Lower Upper
146 100
111 6379.3 20.3 60.9#
148 72.8 31.7 95.1



#89
n-Butylbenzene
Concen: 178.660 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072635.D
Acq: 19 Apr 2022 20:07

Tgt Ion: 91 Resp: 4257194
Ion Ratio Lower Upper
91 100
92 50.4 26.6 79.8
134 40.1 12.3 36.9#





#90

Hexachloroethane

Concen: 176.857 ug/l

RT: 14.108 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

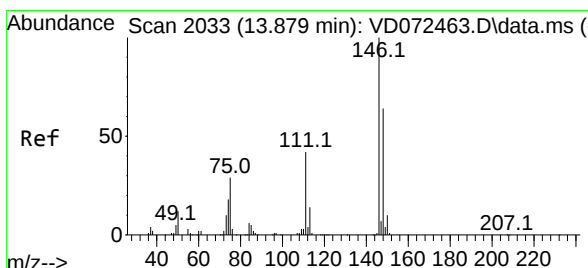
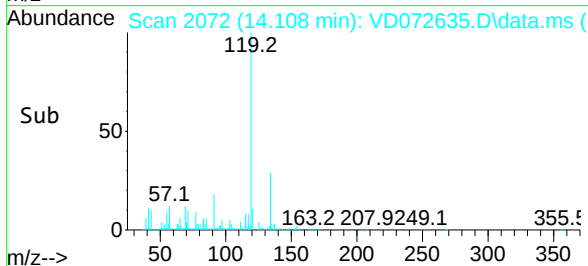
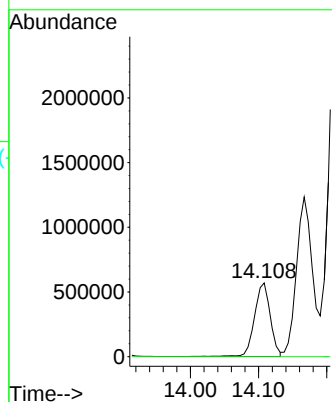
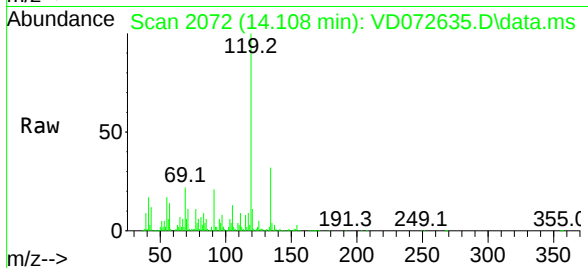
SB-4D

Tgt Ion:117 Resp: 905626

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 7.946 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

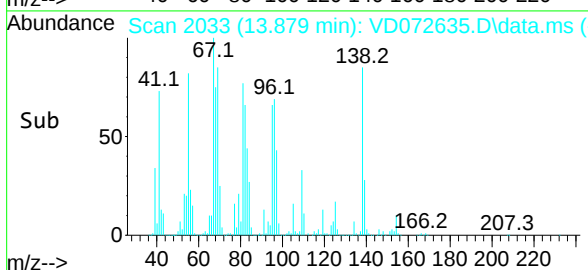
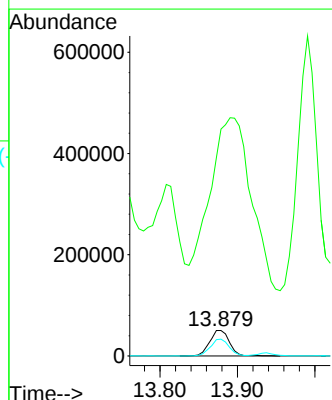
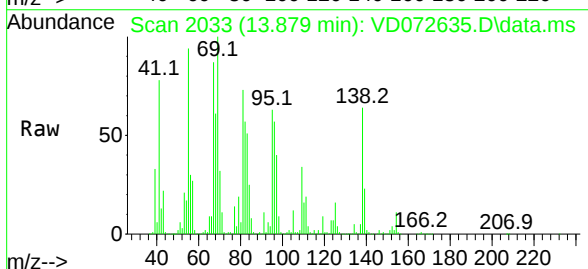
Tgt Ion:146 Resp: 89190

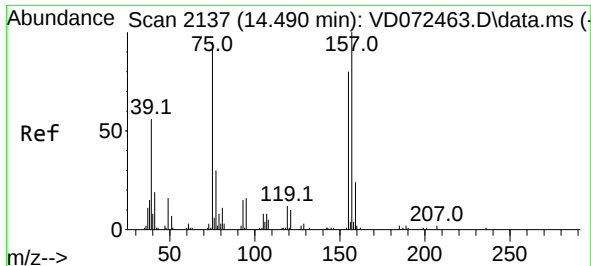
Ion Ratio Lower Upper

146 100

111 1515.0 21.1 63.3#

148 63.3 31.7 95.1

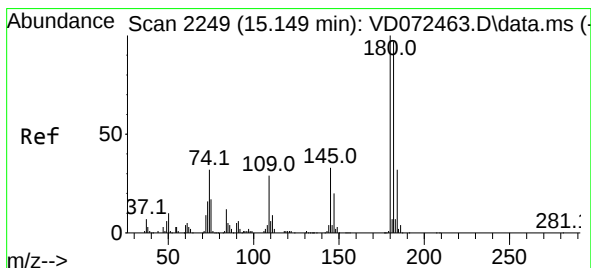
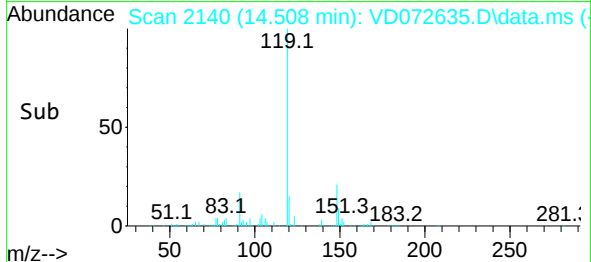
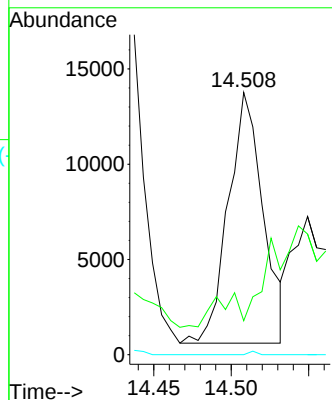
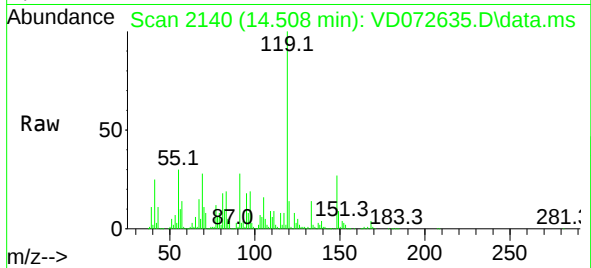




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 26.834 ug/l
 RT: 14.508 min Scan# 2137
 Delta R.T. 0.018 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

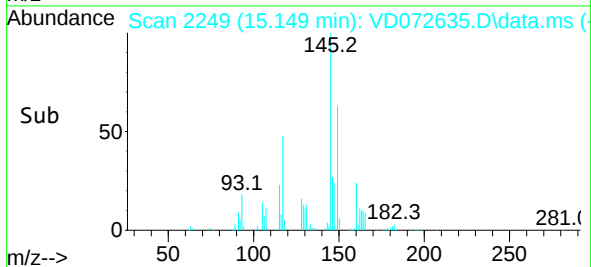
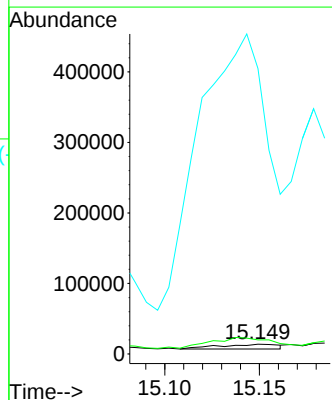
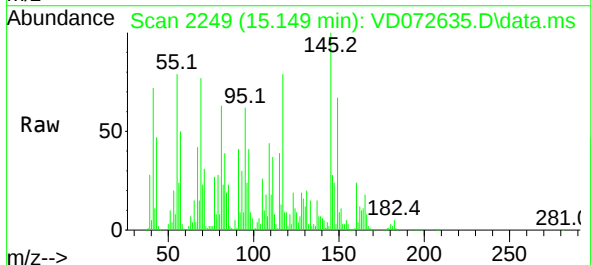
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4D

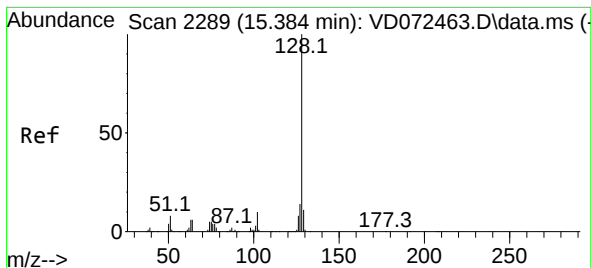
Tgt Ion: 75 Resp: 20597
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.8 110.3#
 157 0.3 48.4 145.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.166 ug/l
 RT: 15.149 min Scan# 2249
 Delta R.T. -0.000 min
 Lab File: VD072635.D
 Acq: 19 Apr 2022 20:07

Tgt Ion: 180 Resp: 15073
 Ion Ratio Lower Upper
 180 100
 182 248.5 47.3 142.0#
 145 7121.1 16.2 48.5#





#95

Naphthalene

Concen: 8.348 ug/l

RT: 15.343 min Scan# 21

Delta R.T. -0.041 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

SB-4D

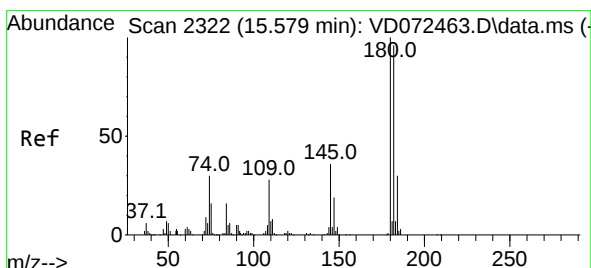
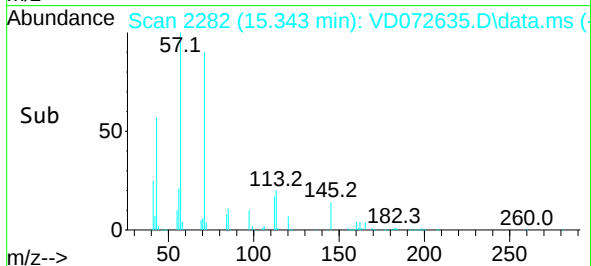
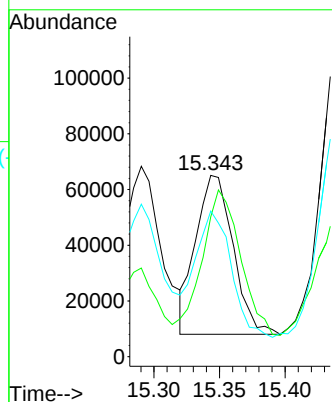
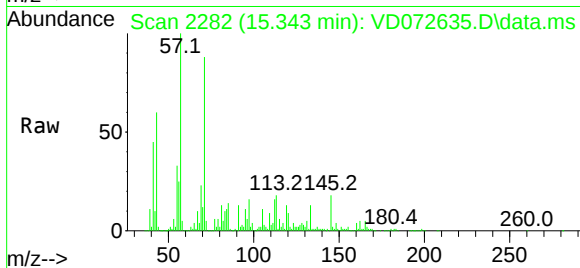
Tgt Ion:128 Resp: 112862

Ion Ratio Lower Upper

128 100

127 93.9 10.3 15.5#

129 76.7 8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 4.393 ug/l

RT: 15.602 min Scan# 2326

Delta R.T. 0.024 min

Lab File: VD072635.D

Acq: 19 Apr 2022 20:07

Tgt Ion:180 Resp: 26676

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 0.0 17.1 51.3#

