

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074638.D
 Acq On : 25 Oct 2022 17:45
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 27 01:22:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.763	114	555	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.581	117	1185	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	564	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.275	98	707	63.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.300%
62) 4-Bromofluorobenzene	12.475	95	8144	2649.104	ug/l	-0.09
Spiked Amount	50.000	Range	25 - 144	Recovery	=	5298.200%#
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.246	83	143	24.005	ug/l	# 23
41) Methacrylonitrile	7.499	41	59	69.613	ug/l	# 17
43) Isopropyl Acetate	8.534	43	54	18.471	ug/l	# 44
46) Dibromomethane	9.381	93	198	105.664	ug/l	# 1
47) Bromodichloromethane	9.581	83	365	78.727	ug/l	# 27
48) Methyl methacrylate	9.375	41	86	64.369	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.146	43	118	81.149	ug/l	# 29
52) Toluene	10.345	92	138	15.122	ug/l	96
53) t-1,3-Dichloropropene	10.693	75	57	13.983	ug/l	# 45
55) 1,1,2-Trichloroethane	10.734	97	390	151.482	ug/l	# 18
56) Ethyl methacrylate	10.593	69	397	141.065	ug/l	# 71
57) 1,3-Dichloropropane	10.851	76	155	37.112	ug/l	# 43
59) 2-Hexanone	10.893	43	253	254.911	ug/l	# 18
60) Dibromochloromethane	11.087	129	391	125.998	ug/l	85
61) 1,2-Dibromoethane	11.263	107	469	199.561	ug/l	85
64) Tetrachloroethene	10.740	164	55	6.279	ug/l	# 22
65) Chlorobenzene	11.510	112	62	2.484	ug/l	# 43
66) 1,1,1,2-Tetrachloroethane	11.745	131	175	20.407	ug/l	72
67) Ethyl Benzene	11.710	91	174	4.003	ug/l	# 41
68) m/p-Xylenes	11.787	106	212	12.267	ug/l	# 21
69) o-Xylene	12.045	106	220	13.678	ug/l	95
70) Styrene	12.145	104	118	4.356	ug/l	# 1
71) Bromoform	12.345	173	120	26.652	ug/l	# 1
73) Isopropylbenzene	12.428	105	475	10.799	ug/l	98
74) N-amyl acetate	12.198	43	249	38.299	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.669	83	263	37.770	ug/l	# 24
76) 1,2,3-Trichloropropane	12.716	75	1087	220.725	ug/l	# 1
77) Bromobenzene	12.739	156	133646	13462.416	ug/l	# 1
78) n-propylbenzene	12.810	91	1188	22.854	ug/l	91
79) 2-Chlorotoluene	12.722	91	955	33.912	ug/l	91
80) 1,3,5-Trimethylbenzene	12.934	105	243	6.806	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.351	75	855	443.674	ug/l	# 46
82) 4-Chlorotoluene	13.098	91	294	10.162	ug/l	77
83) tert-Butylbenzene	13.175	119	530	16.639	ug/l	# 79
84) 1,2,4-Trimethylbenzene	13.110	105	348	9.904	ug/l	70
85) sec-Butylbenzene	13.257	105	469	9.812	ug/l	89

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

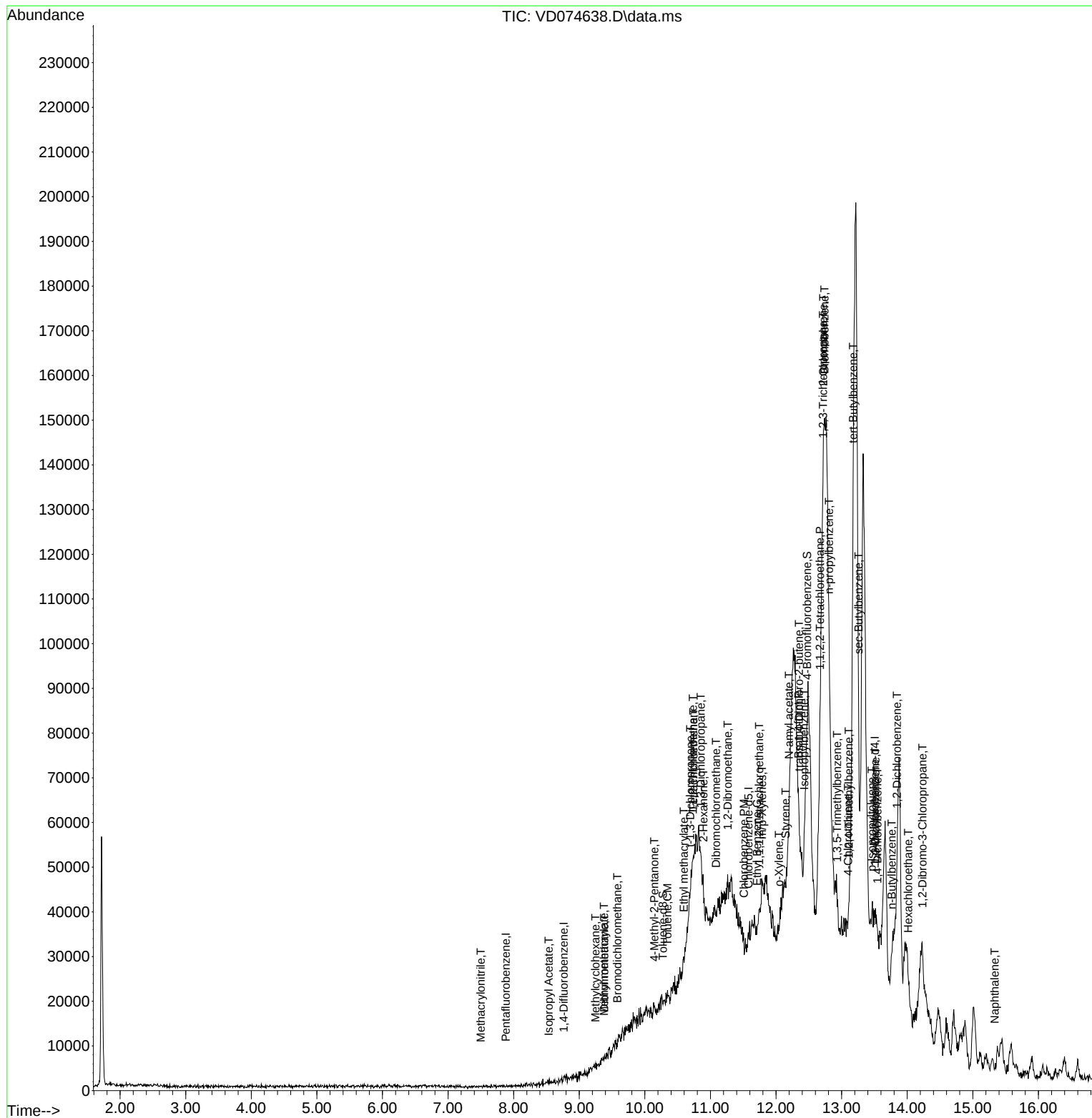
86) p-Isopropyltoluene	13.457	119	185	4.620	ug/l #	1
87) 1,3-Dichlorobenzene	13.516	146	78	3.781	ug/l #	1
88) 1,4-Dichlorobenzene	13.545	146	68	3.367	ug/l #	45
89) n-Butylbenzene	13.763	91	398	10.909	ug/l #	65
90) Hexachloroethane	14.016	117	128	18.365	ug/l #	11
91) 1,2-Dichlorobenzene	13.845	146	125	7.264	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.234	75	120	124.611	ug/l #	1
95) Naphthalene	15.333	128	590	27.609	ug/l #	69

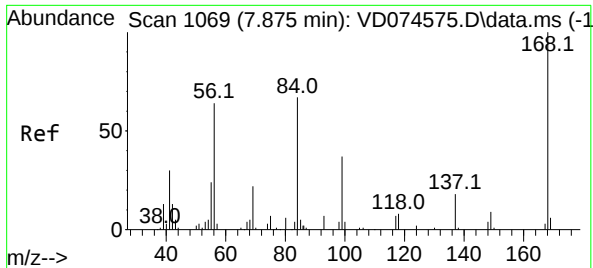
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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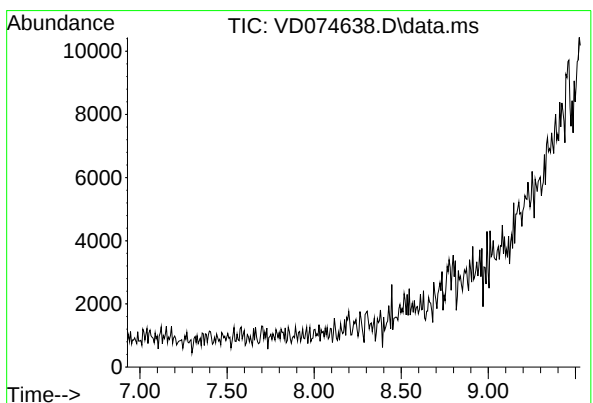
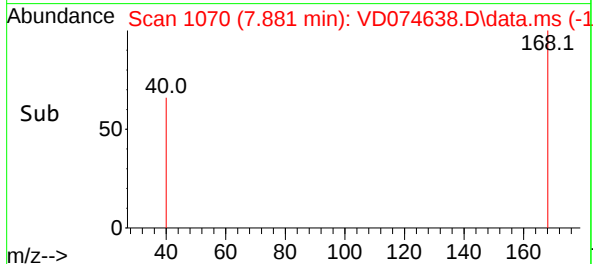
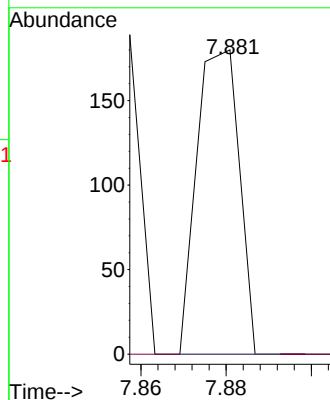
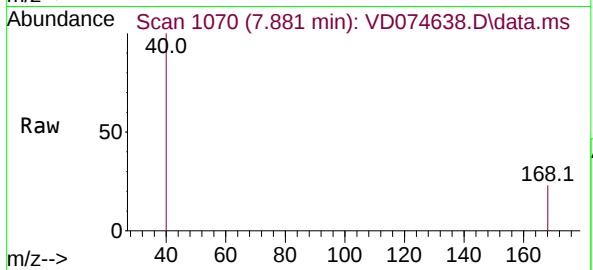




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

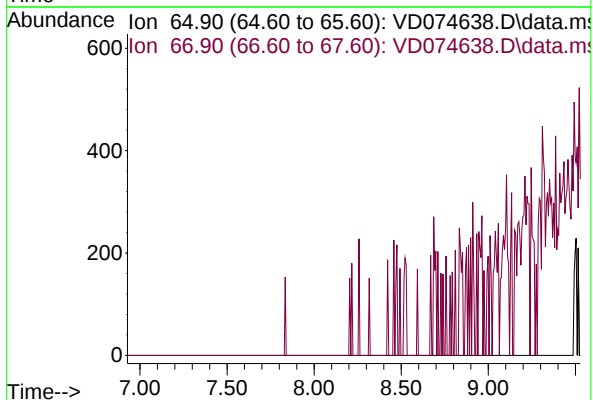
Tgt Ion:168 Resp: 125
Ion Ratio Lower Upper
168 100
99 0.0 40.9 61.3#

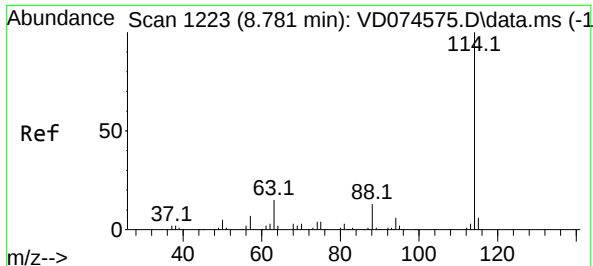


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.1

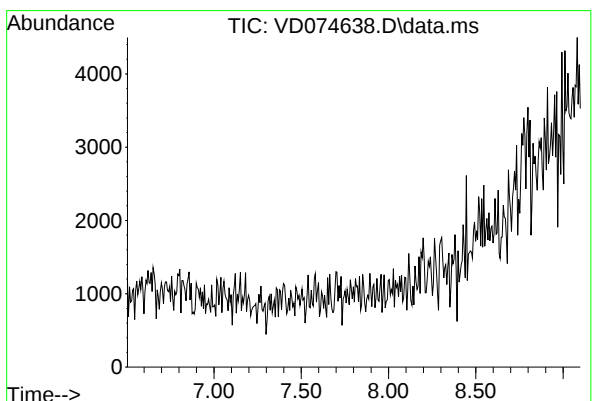
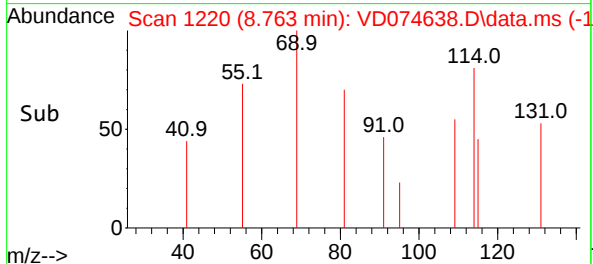
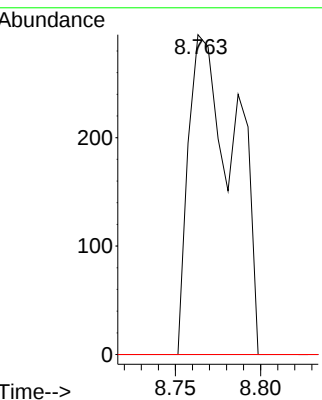
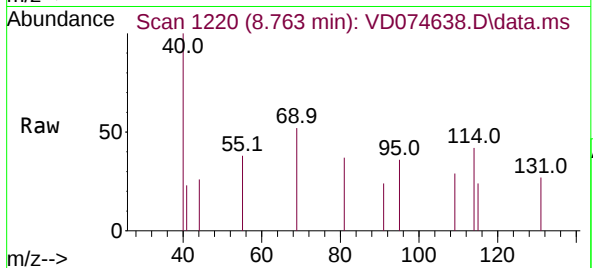




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

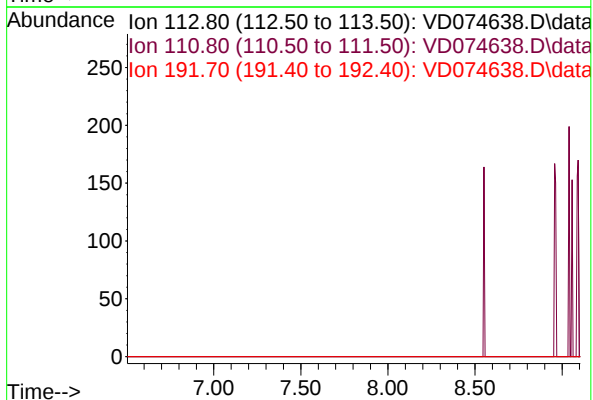
Tgt Ion:114 Resp: 555
Ion Ratio Lower Upper
114 100
63 0.0 0.0 33.2
88 0.0 0.0 28.2

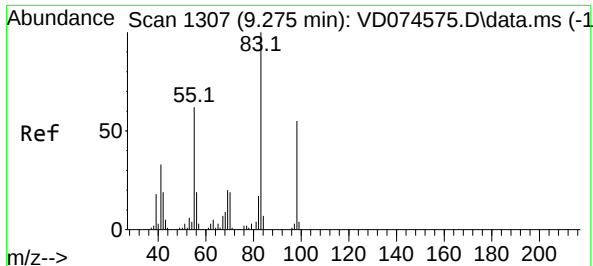


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.80 min

Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.9
192 20.5





#39

Methylcyclohexane

Concen: 24.005 ug/l

RT: 9.246 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

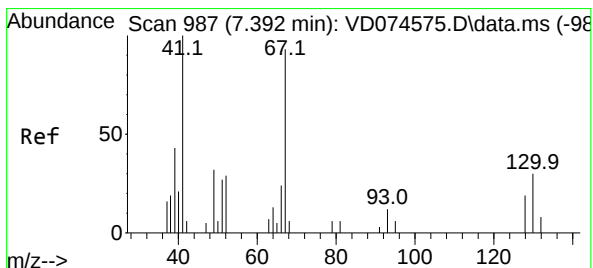
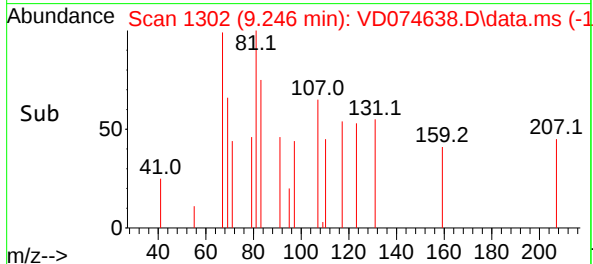
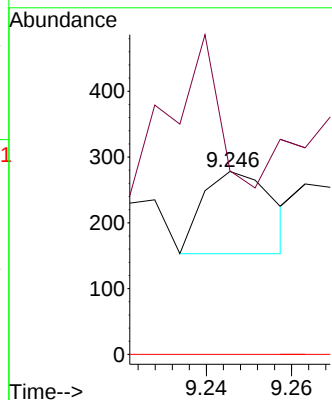
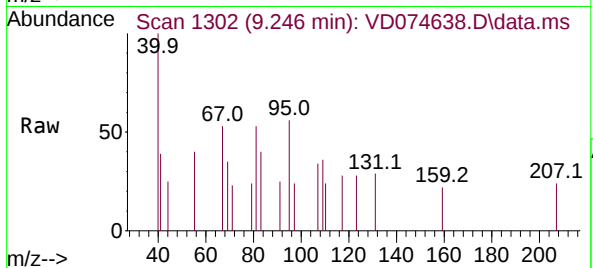
Tgt Ion: 83 Resp: 143

Ion Ratio Lower Upper

83 100

55 0.0 49.0 73.4#

98 0.0 41.7 62.5#



#41

Methacrylonitrile

Concen: 69.613 ug/l

RT: 7.499 min Scan# 1005

Delta R.T. 0.095 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Tgt Ion: 41 Resp: 59

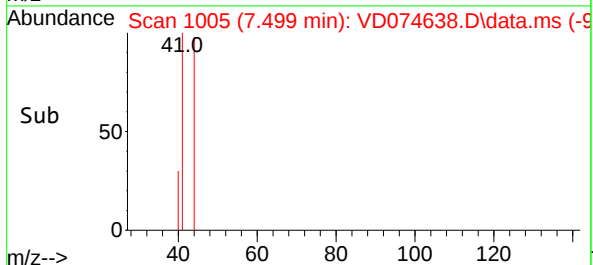
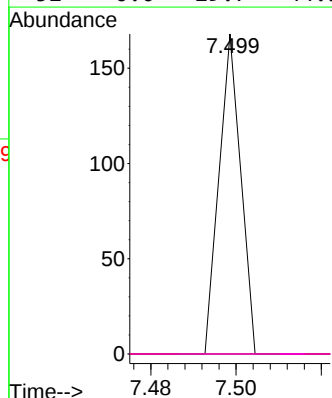
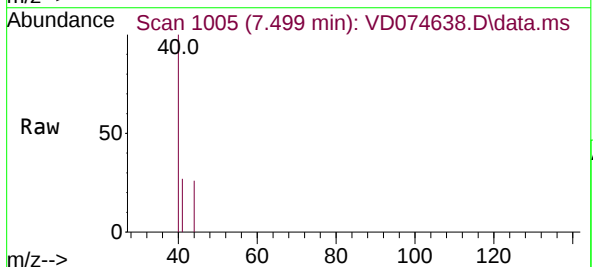
Ion Ratio Lower Upper

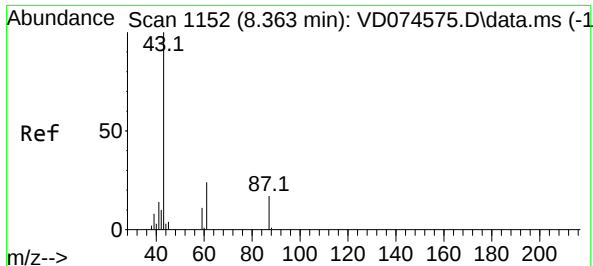
41 100

39 0.0 35.0 52.6#

67 0.0 77.0 115.6#

52 0.0 29.7 44.5#





#43

Isopropyl Acetate

Concen: 18.471 ug/l

RT: 8.534 min Scan# 1181

Delta R.T. 0.171 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

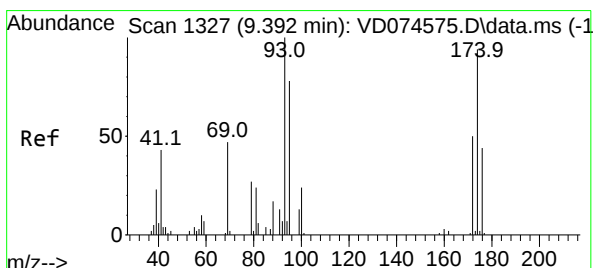
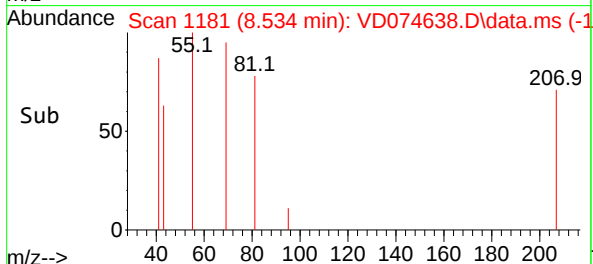
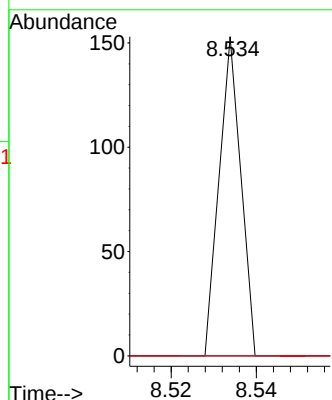
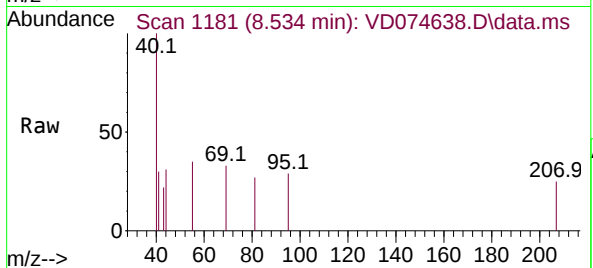
Instrument :

MSVOA_D

ClientSampleId :

VIBLK

Tgt Ion:	43	Resp:	54
Ion	Ratio	Lower	Upper
43	100		
61	0.0	30.9	46.3#
87	0.0	14.3	21.5#



#46

Dibromomethane

Concen: 105.664 ug/l

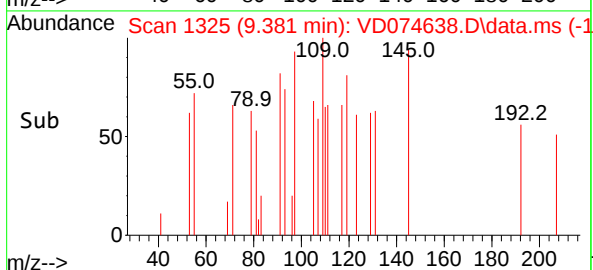
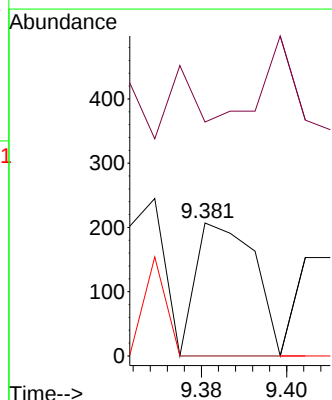
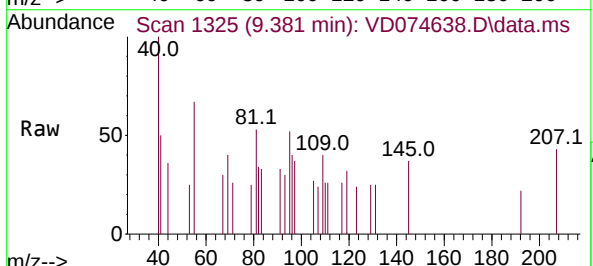
RT: 9.381 min Scan# 1325

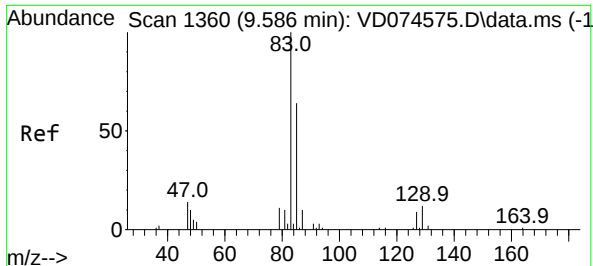
Delta R.T. -0.018 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Tgt Ion:	93	Resp:	198
Ion	Ratio	Lower	Upper
93	100		
95	0.0	68.2	102.2#
174	0.0	87.4	131.0#

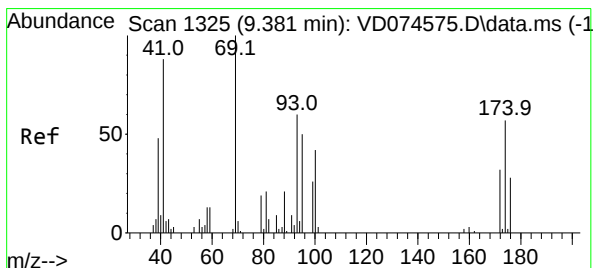
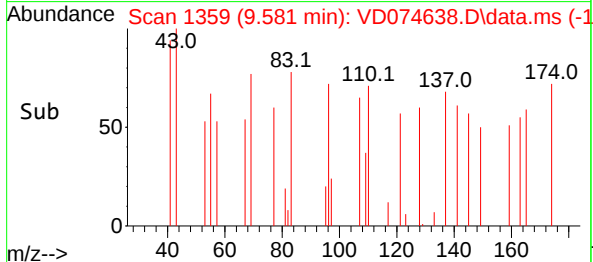
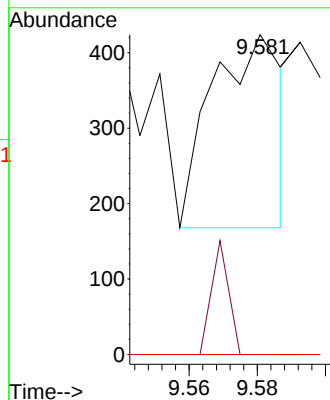
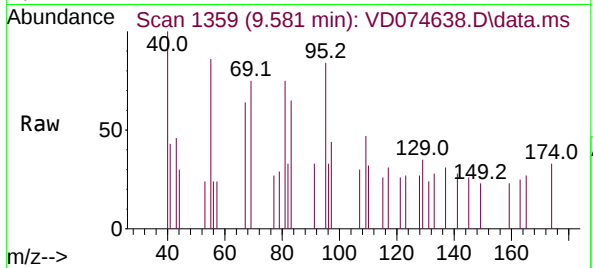




#47
Bromodichloromethane
Concen: 78.727 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

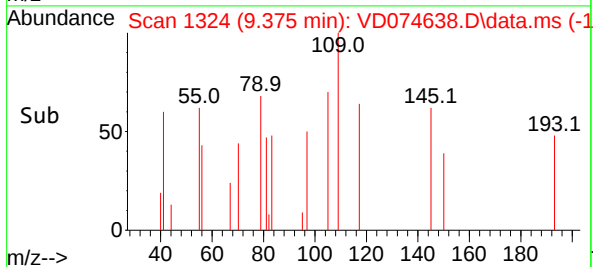
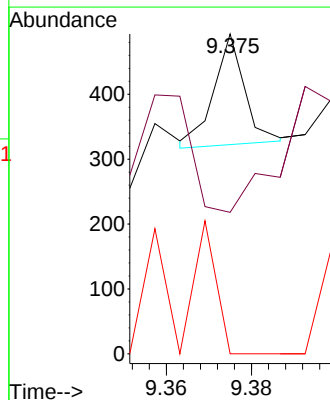
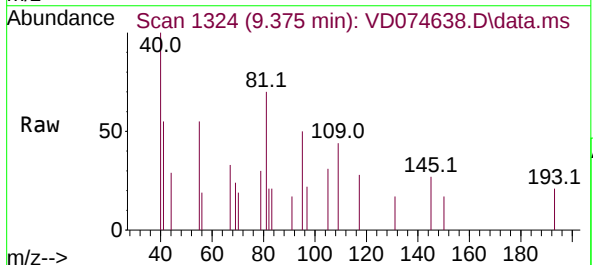
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

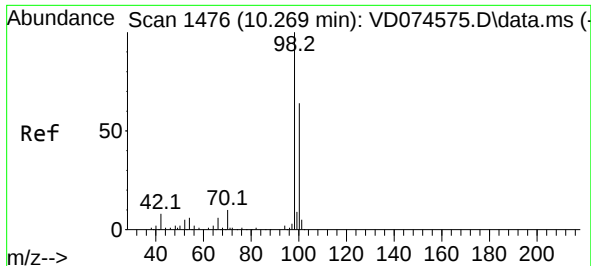
Tgt Ion: 83 Resp: 365
Ion Ratio Lower Upper
83 100
85 0.0 48.8 73.2#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 64.369 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 41 Resp: 86
Ion Ratio Lower Upper
41 100
69 174.4 93.0 139.4#
39 162.8 44.6 66.8#

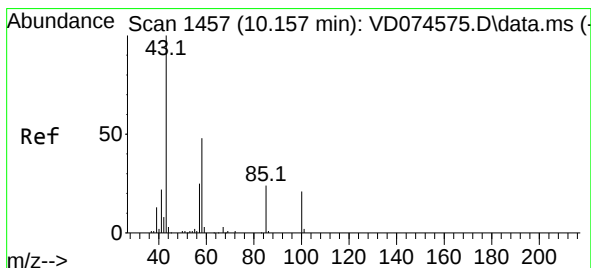
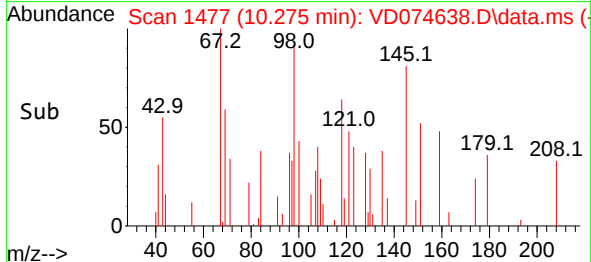
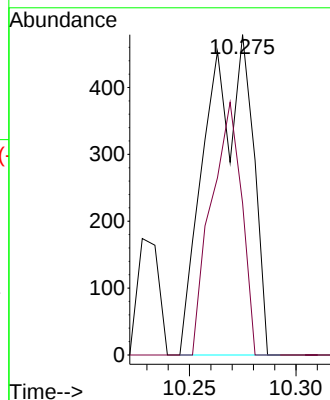
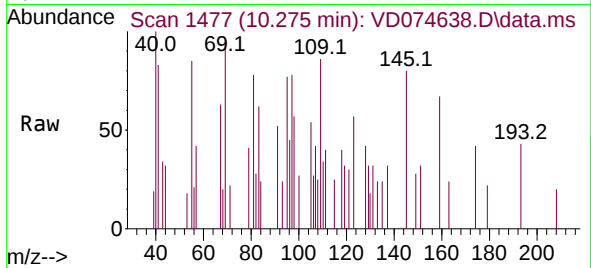




#50
Toluene-d8
Concen: 63.645 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

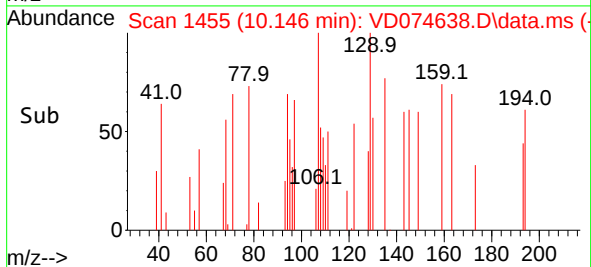
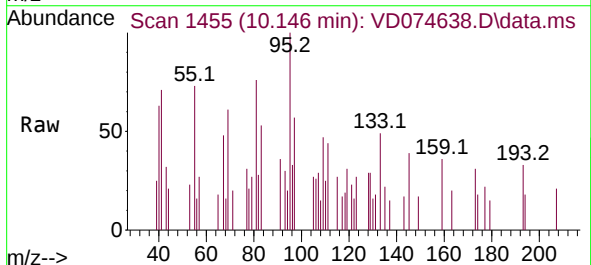
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

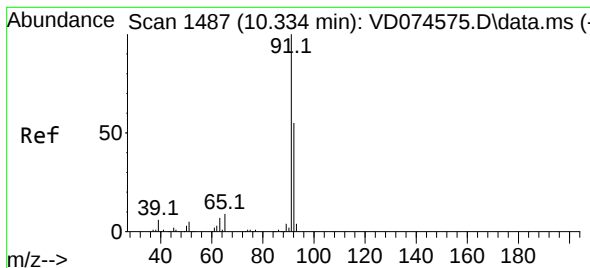
Tgt Ion: 98 Resp: 707
Ion Ratio Lower Upper
98 100
100 53.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 81.149 ug/l
RT: 10.146 min Scan# 1455
Delta R.T. -0.011 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 43 Resp: 118
Ion Ratio Lower Upper
43 100
58 0.0 37.8 56.6#





#52

Toluene

Concen: 15.122 ug/l

RT: 10.345 min Scan# 1487

Delta R.T. 0.011 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

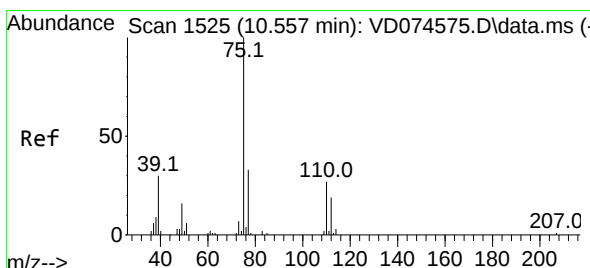
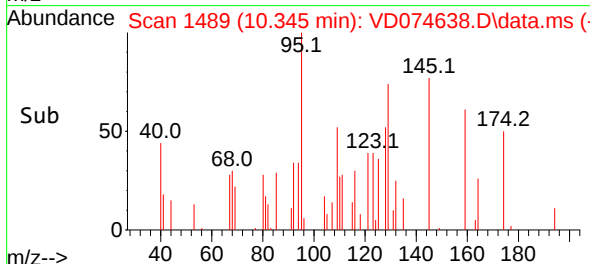
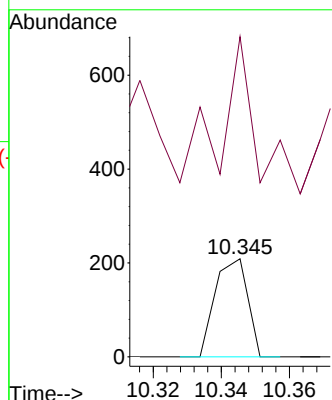
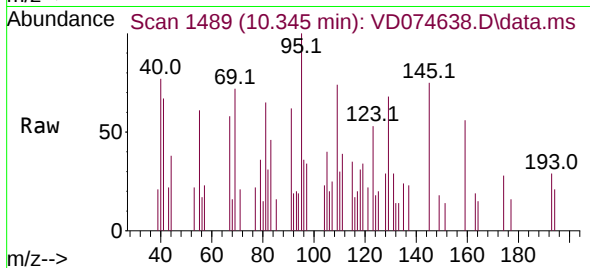
VIBLK

Tgt Ion: 92 Resp: 138

Ion Ratio Lower Upper

92 100

91 179.0 139.0 208.4



#53

t-1,3-Dichloropropene

Concen: 13.983 ug/l

RT: 10.693 min Scan# 1548

Delta R.T. 0.142 min

Lab File: VD074638.D

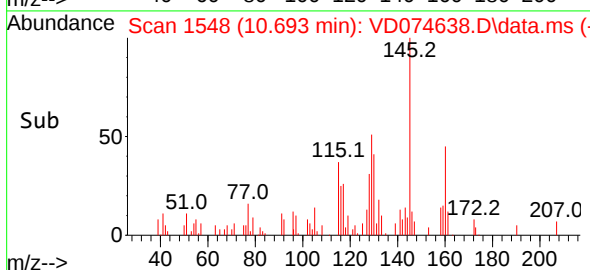
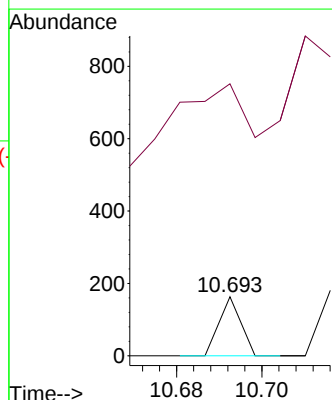
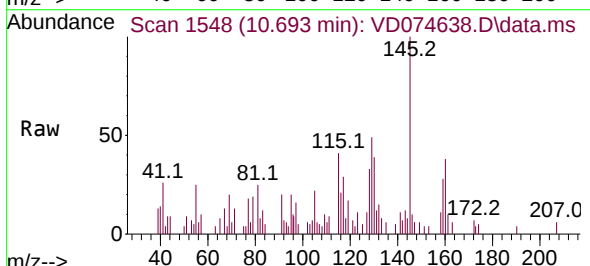
Acq: 25 Oct 2022 17:45

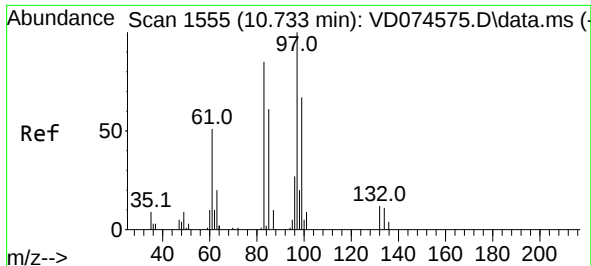
Tgt Ion: 75 Resp: 57

Ion Ratio Lower Upper

75 100

77 62.6 25.6 38.4#

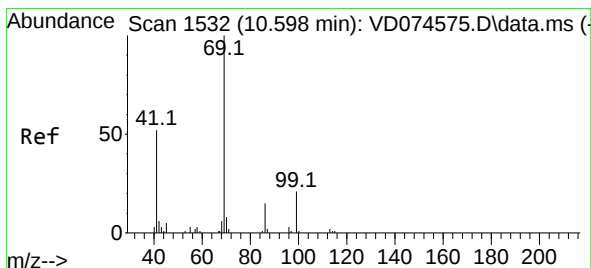
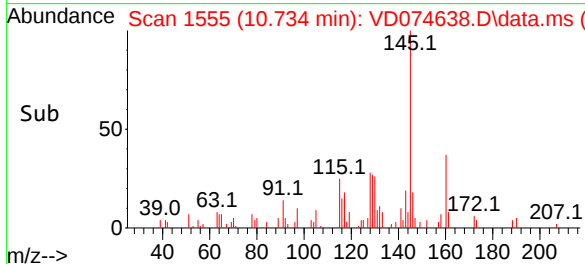
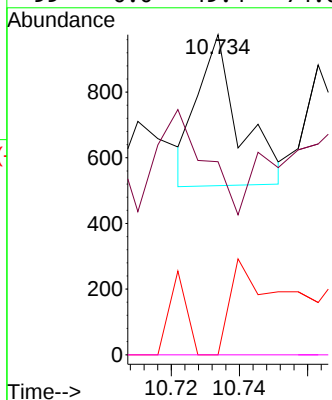
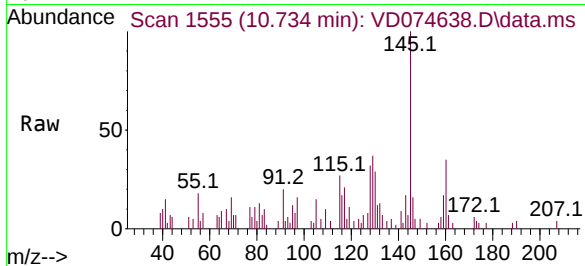




#55
1,1,2-Trichloroethane
Concen: 151.482 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

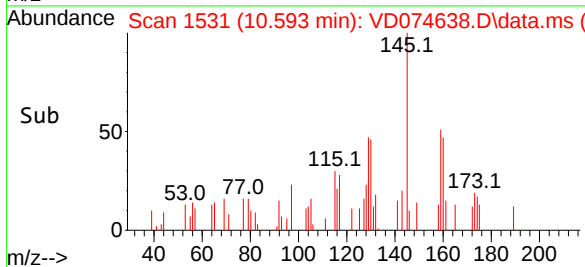
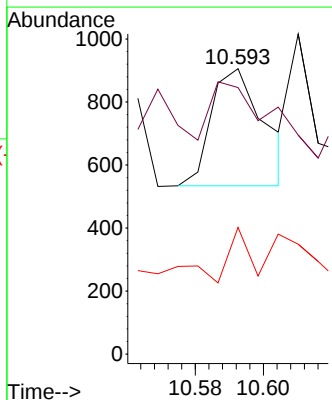
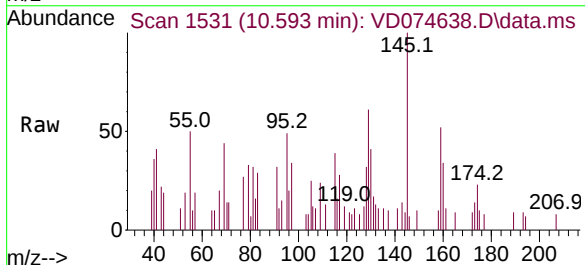
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

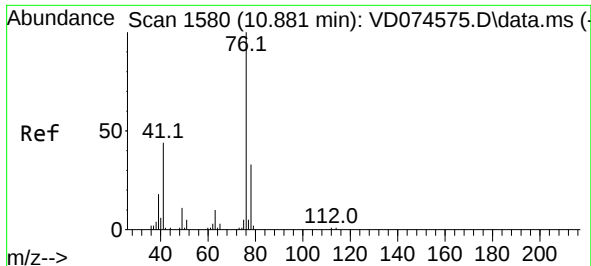
Tgt Ion:	97	Resp:	390
Ion	Ratio	Lower	Upper
97	100		
83	4.6	64.8	97.2#
85	0.0	44.8	67.2#
99	0.0	49.4	74.0#



#56
Ethyl methacrylate
Concen: 141.065 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:	69	Resp:	397
Ion	Ratio	Lower	Upper
69	100		
41	72.8	38.6	58.0#
39	17.6	19.9	29.9#





#57

1,3-Dichloropropane

Concen: 37.112 ug/l

RT: 10.851 min Scan# 1575

Delta R.T. -0.024 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

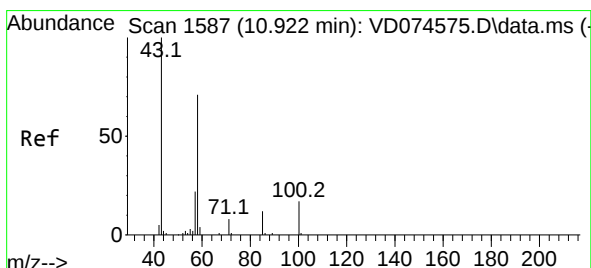
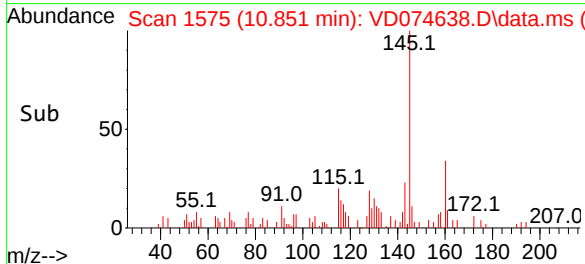
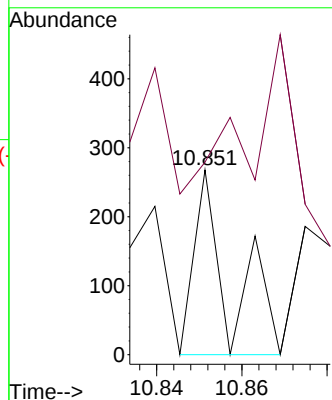
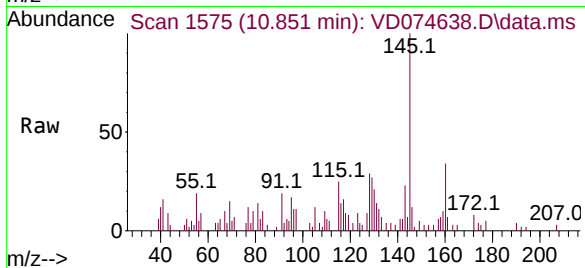
VIBLK

Tgt Ion: 76 Resp: 155

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 254.911 ug/l

RT: 10.893 min Scan# 1582

Delta R.T. -0.023 min

Lab File: VD074638.D

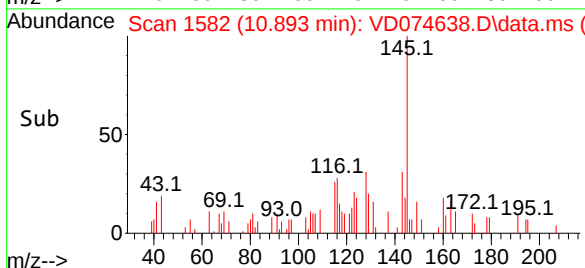
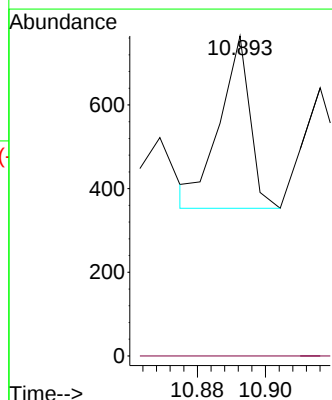
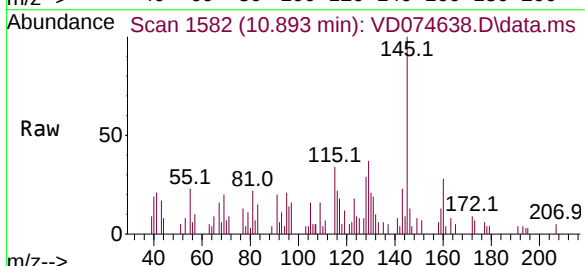
Acq: 25 Oct 2022 17:45

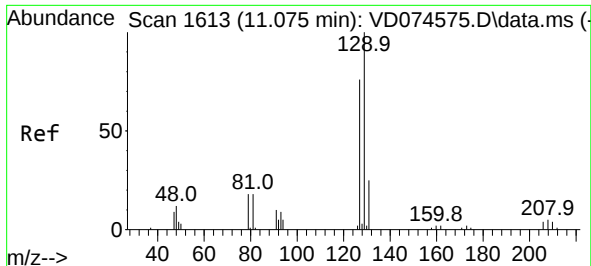
Tgt Ion: 43 Resp: 253

Ion Ratio Lower Upper

43 100

58 0.0 32.0 96.2#

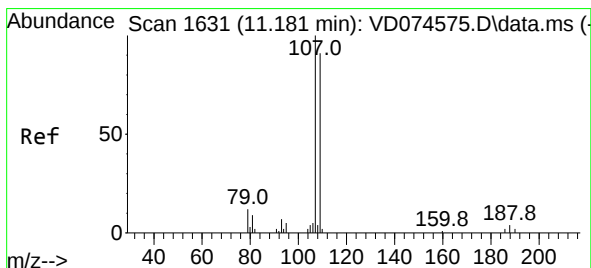
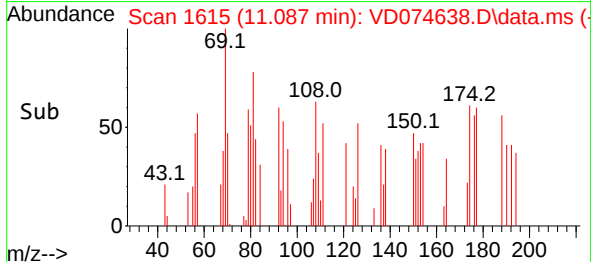
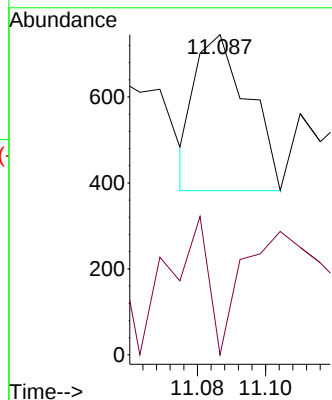
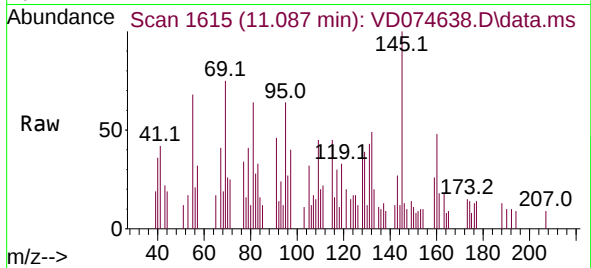




#60
Dibromochloromethane
Concen: 125.998 ug/l
RT: 11.087 min Scan# 1613
Delta R.T. 0.018 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

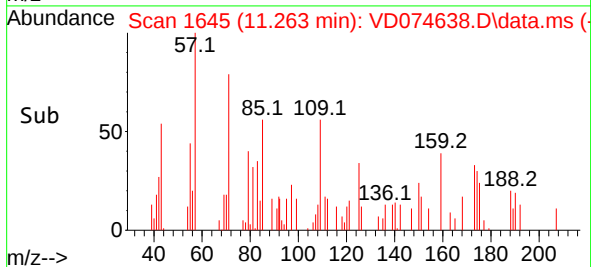
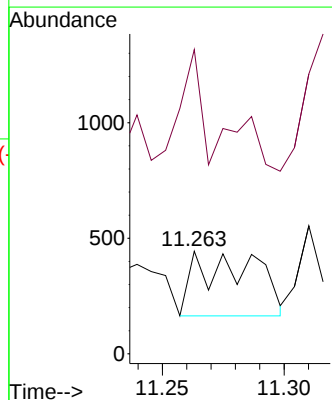
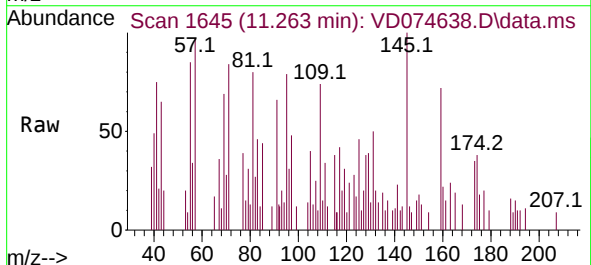
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

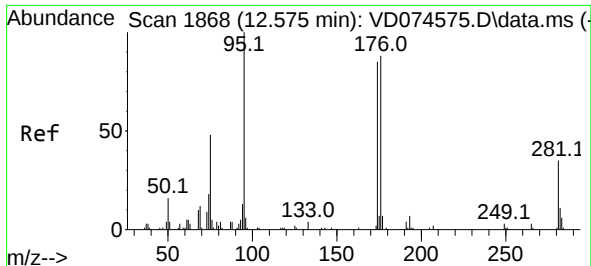
Tgt Ion:129 Resp: 391
Ion Ratio Lower Upper
129 100
127 65.2 39.1 117.2



#61
1,2-Dibromoethane
Concen: 199.561 ug/l
RT: 11.263 min Scan# 1645
Delta R.T. 0.088 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:107 Resp: 469
Ion Ratio Lower Upper
107 100
109 107.9 74.6 111.8

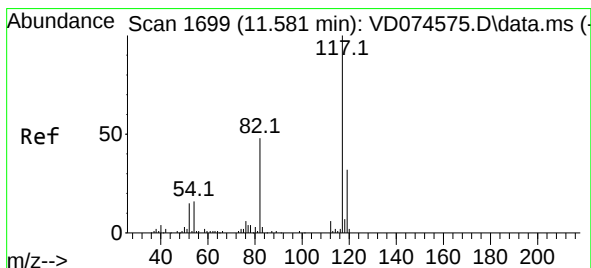
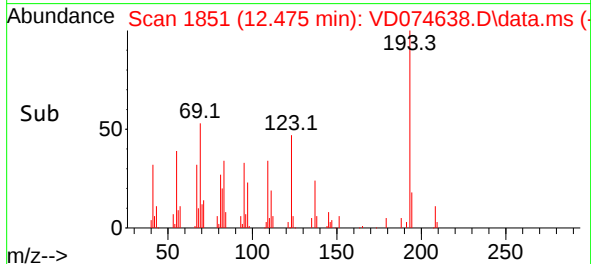
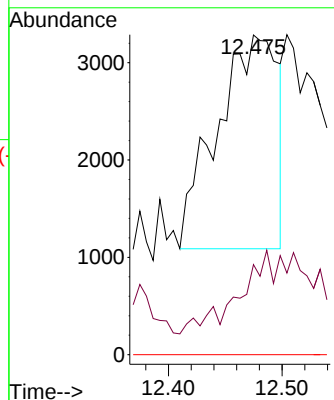
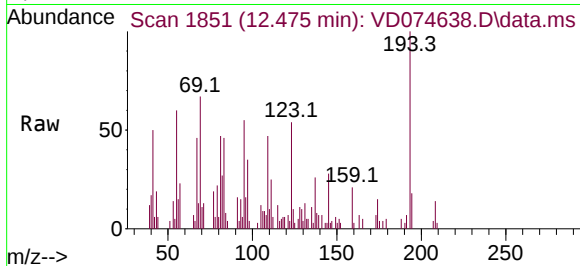




#62
4-Bromofluorobenzene
Concen: 2649.104 ug/l
RT: 12.475 min Scan# 1868
Delta R.T. -0.094 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

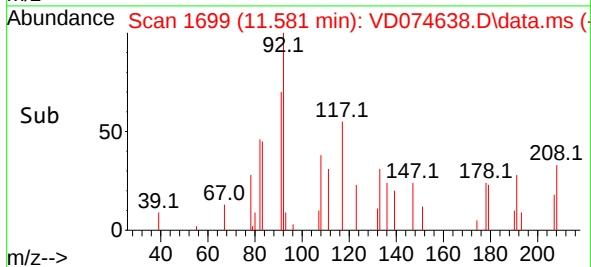
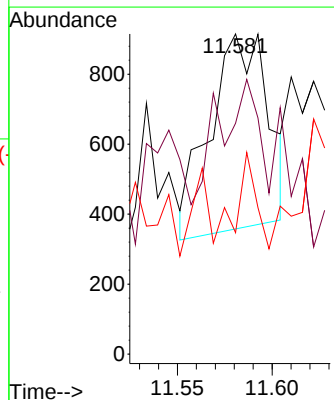
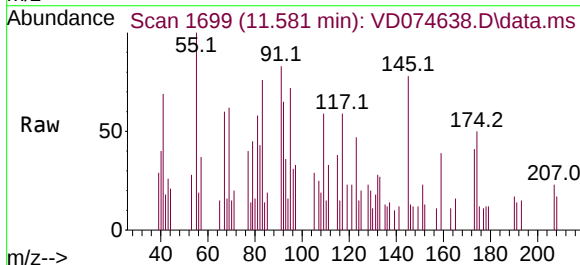
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

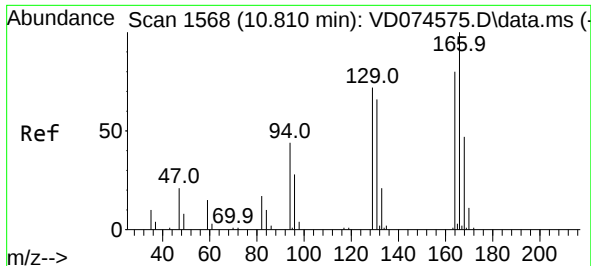
Tgt Ion:	95	Resp:	8144
Ion Ratio	Lower	Upper	
95	100		
174	14.6	0.0	197.0
176	0.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:	117	Resp:	1185
Ion Ratio	Lower	Upper	
117	100		
82	20.6	41.6	62.4#
119	13.2	25.2	37.8#

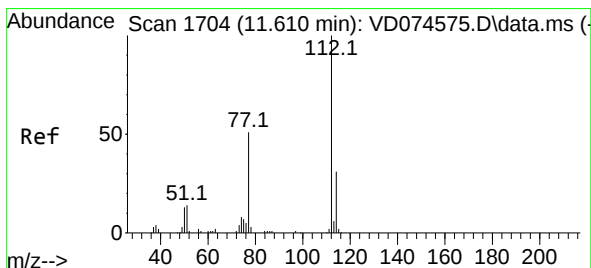
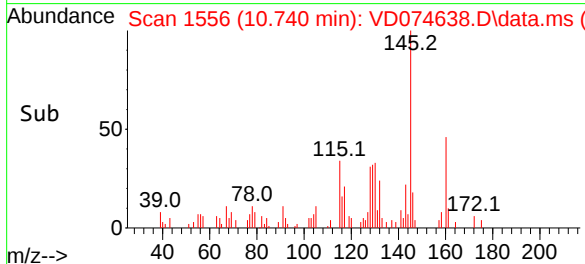
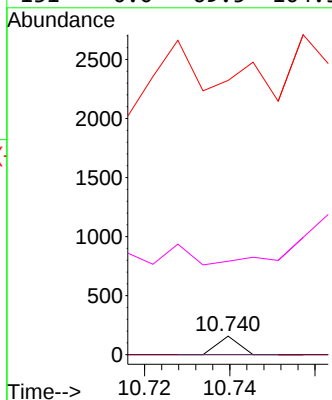
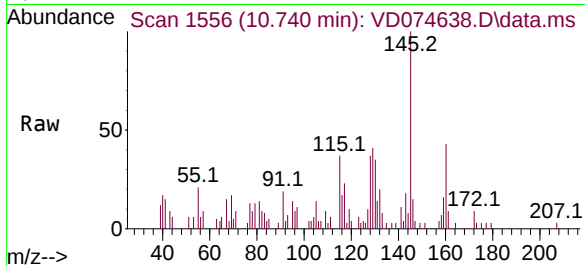




#64
Tetrachloroethene
Concen: 6.279 ug/l
RT: 10.740 min Scan# 11
Delta R.T. -0.064 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

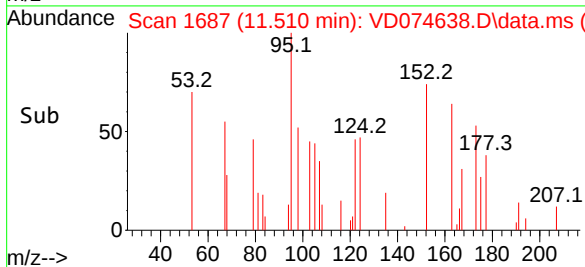
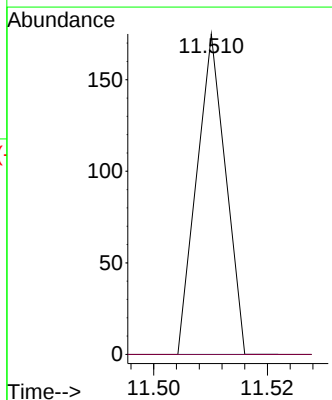
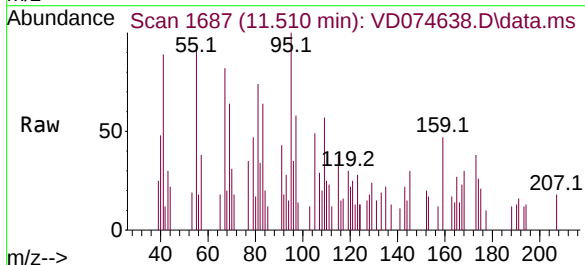
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

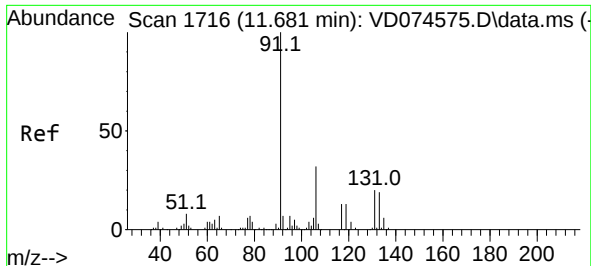
Tgt Ion:164 Resp: 55
Ion Ratio Lower Upper
164 100
166 0.0 107.8 161.8#
129 111.5 77.4 116.2
131 0.0 69.5 104.3#



#65
Chlorobenzene
Concen: 2.484 ug/l
RT: 11.510 min Scan# 1687
Delta R.T. -0.094 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:112 Resp: 62
Ion Ratio Lower Upper
112 100
114 0.0 25.1 37.7#

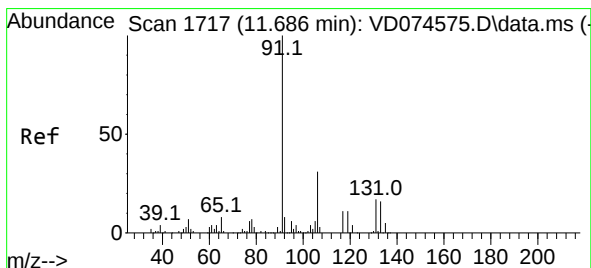
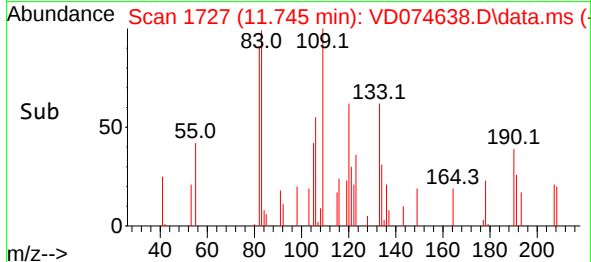
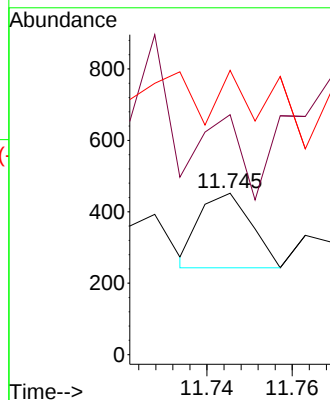
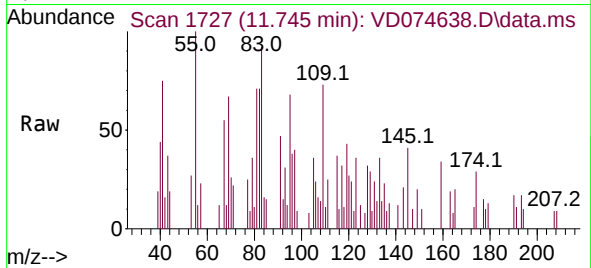




#66
1,1,1,2-Tetrachloroethane
Concen: 20.407 ug/l
RT: 11.745 min Scan# 1727
Delta R.T. 0.064 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

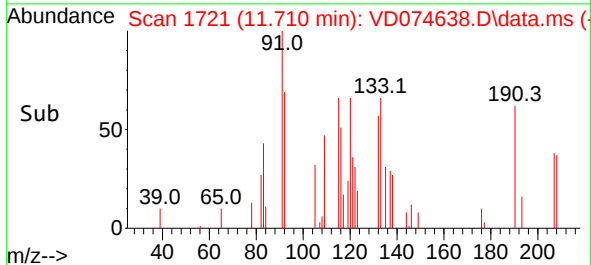
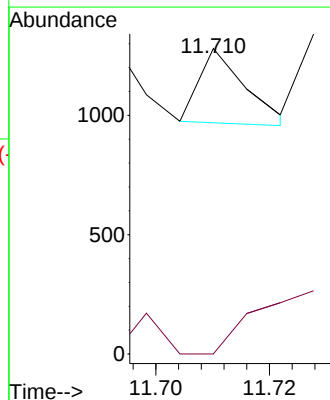
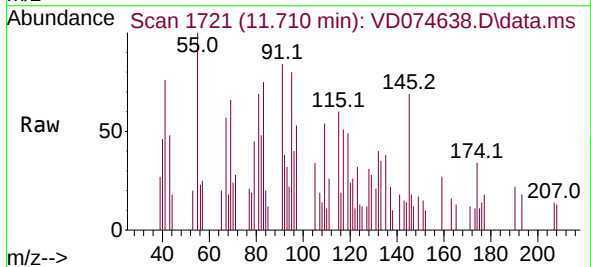
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

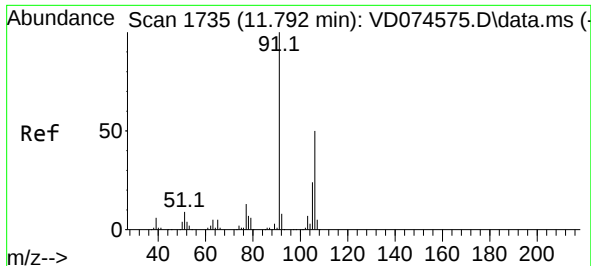
Tgt Ion:131 Resp: 175
Ion Ratio Lower Upper
131 100
133 118.3 46.6 139.8
119 89.1 32.5 97.4



#67
Ethyl Benzene
Concen: 4.003 ug/l
RT: 11.710 min Scan# 1721
Delta R.T. 0.029 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 91 Resp: 174
Ion Ratio Lower Upper
91 100
106 0.0 26.6 40.0#

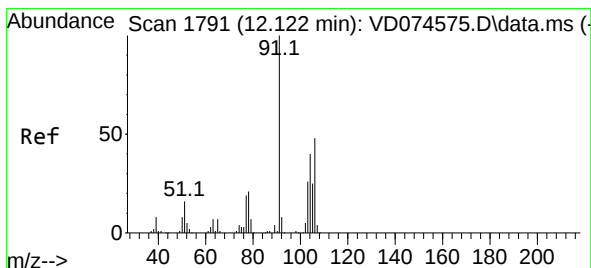
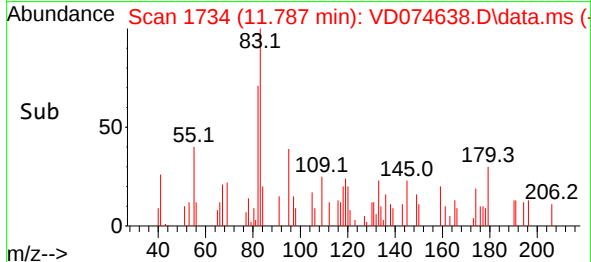
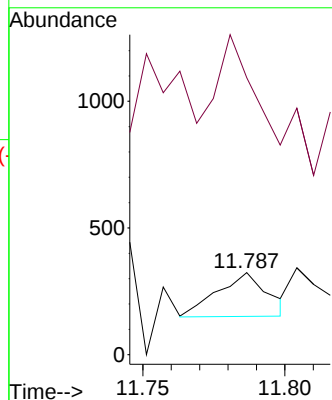
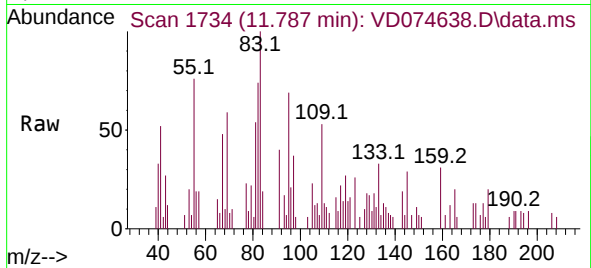




#68
m/p-Xylenes
Concen: 12.267 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

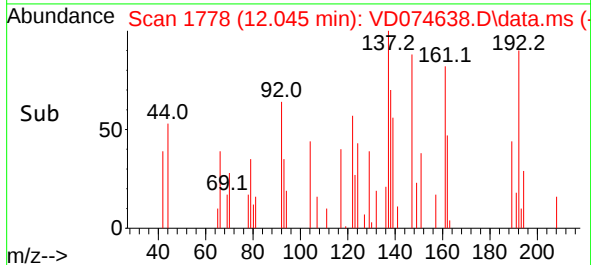
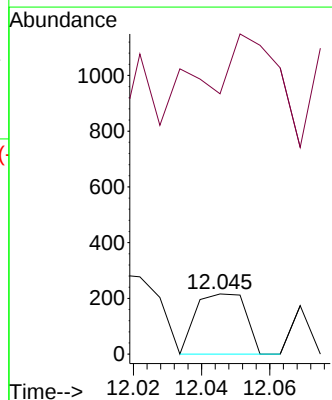
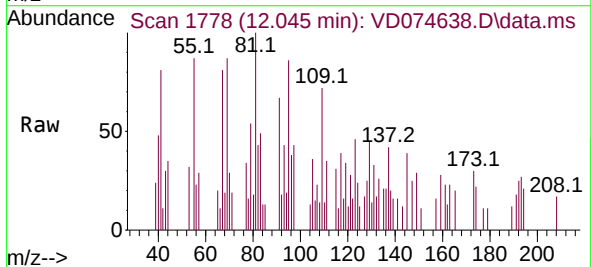
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

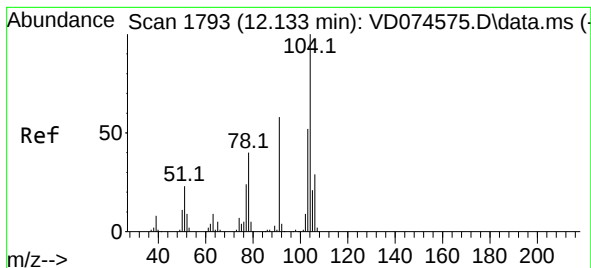
Tgt Ion:106 Resp: 212
Ion Ratio Lower Upper
106 100
91 313.7 156.2 234.4#



#69
o-Xylene
Concen: 13.678 ug/l
RT: 12.045 min Scan# 1778
Delta R.T. -0.071 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:106 Resp: 220
Ion Ratio Lower Upper
106 100
91 200.5 104.5 313.3





#70

Styrene

Concen: 4.356 ug/l

RT: 12.145 min Scan# 1

Delta R.T. 0.011 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

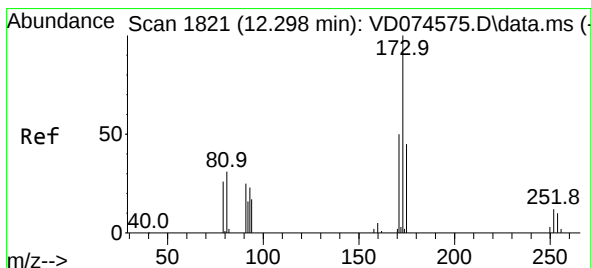
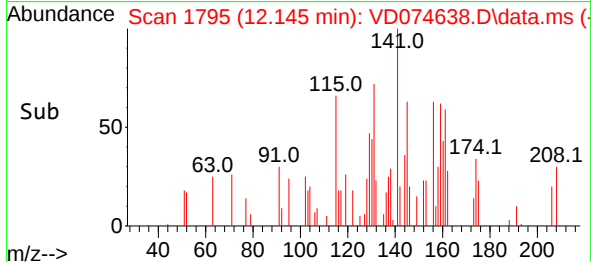
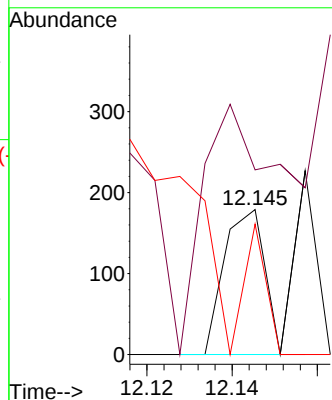
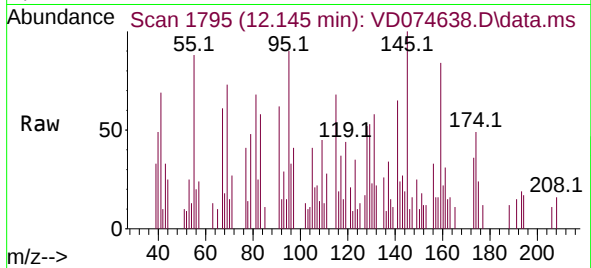
Tgt Ion:104 Resp: 118

Ion Ratio Lower Upper

104 100

78 363.6 35.7 53.5#

103 0.0 43.7 65.5#



#71

Bromoform

Concen: 26.652 ug/l

RT: 12.345 min Scan# 1829

Delta R.T. 0.053 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

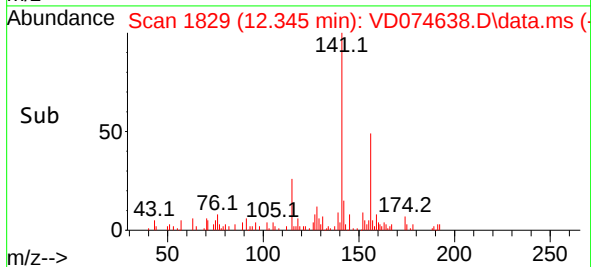
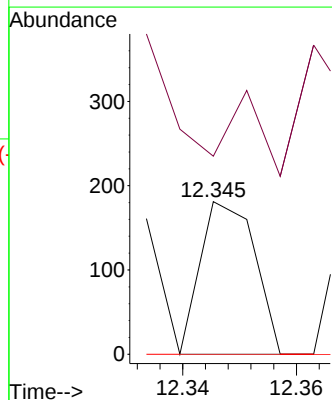
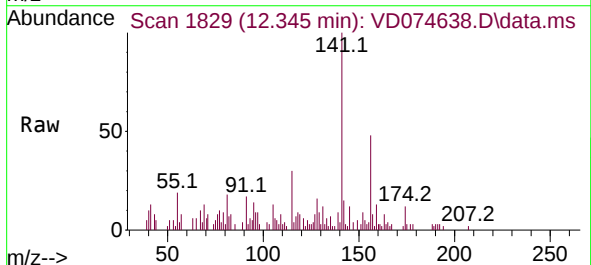
Tgt Ion:173 Resp: 120

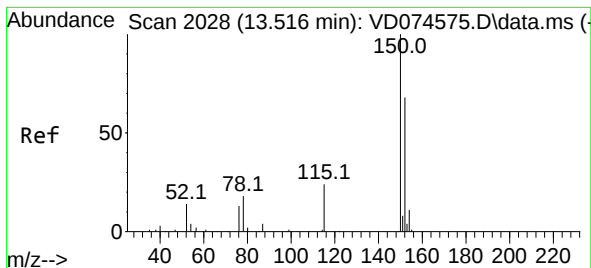
Ion Ratio Lower Upper

173 100

175 343.3 23.1 69.3#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.504 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

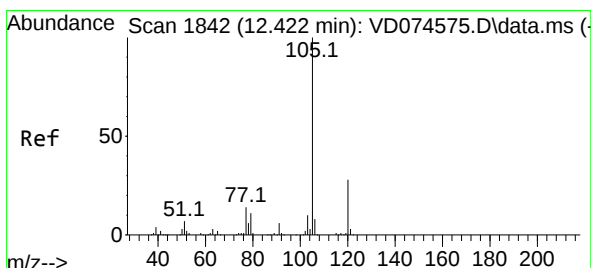
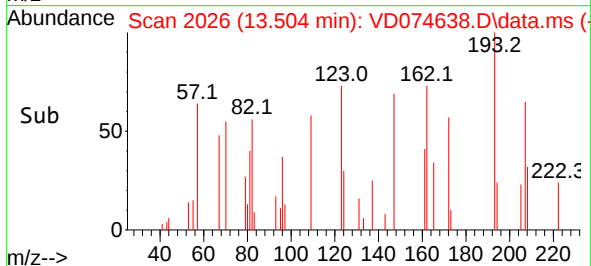
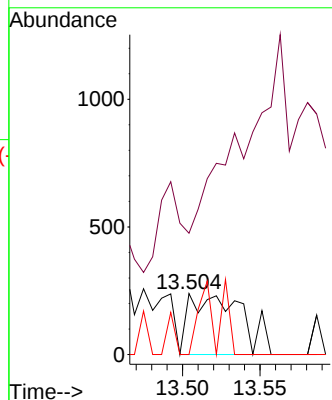
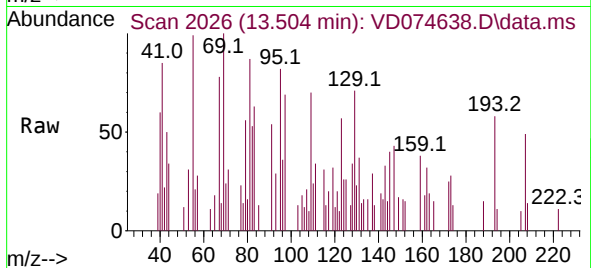
Tgt Ion:152 Resp: 564

Ion Ratio Lower Upper

152 100

115 0.0 26.8 80.4#

150 10.3 0.0 348.2



#73

Isopropylbenzene

Concen: 10.799 ug/l

RT: 12.428 min Scan# 1843

Delta R.T. 0.012 min

Lab File: VD074638.D

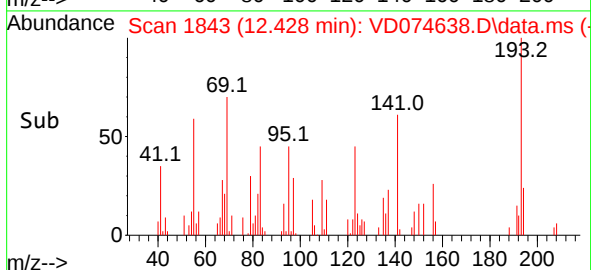
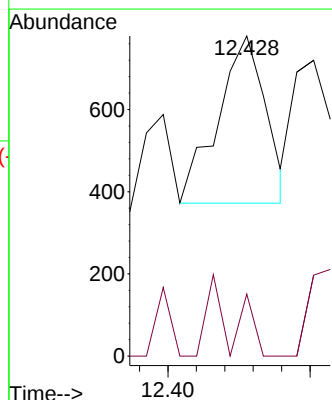
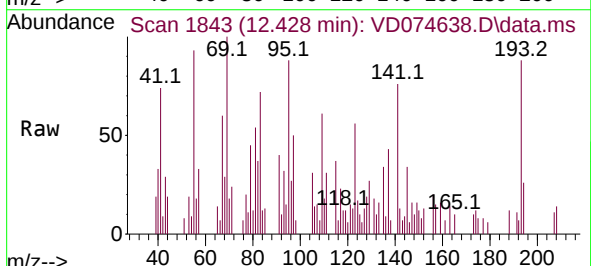
Acq: 25 Oct 2022 17:45

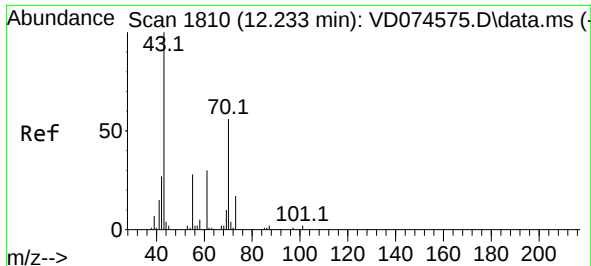
Tgt Ion:105 Resp: 475

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.4

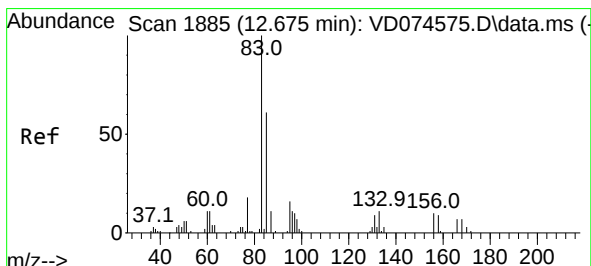
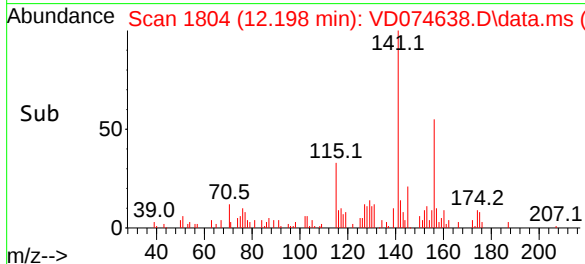
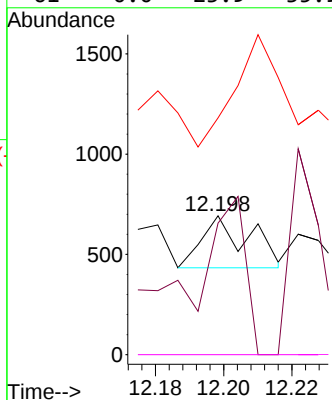
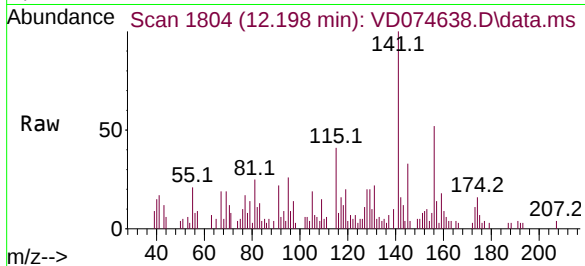




#74
N-amy1 acetate
Concen: 38.299 ug/l
RT: 12.198 min Scan# 1804
Delta R.T. -0.030 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

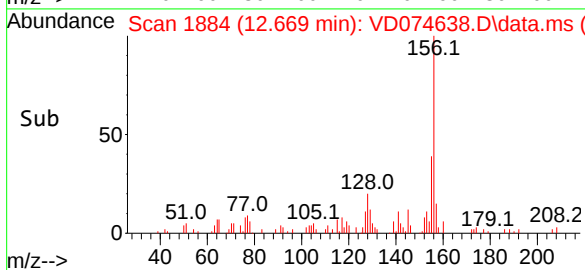
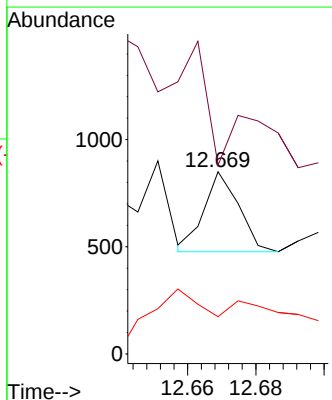
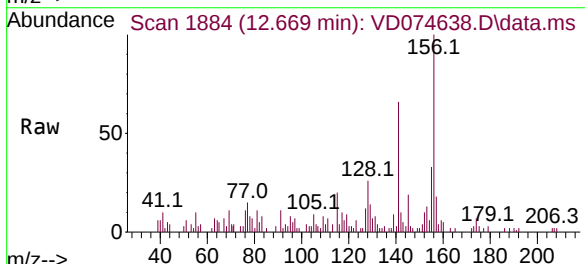
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

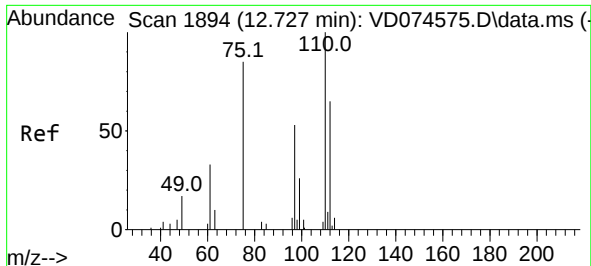
Tgt Ion:	43	Resp:	249
Ion	Ratio	Lower	Upper
43	100		
70	204.8	43.8	65.6#
55	246.6	22.0	33.0#
61	0.0	23.9	35.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 37.770 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:	83	Resp:	263
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.1#
85	0.0	33.1	99.2#

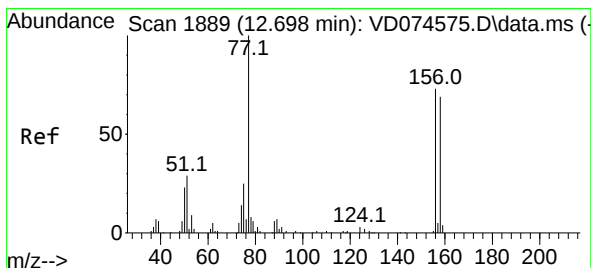
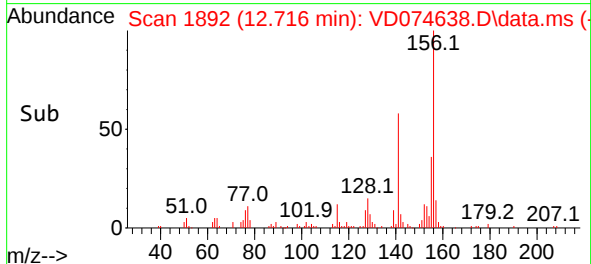
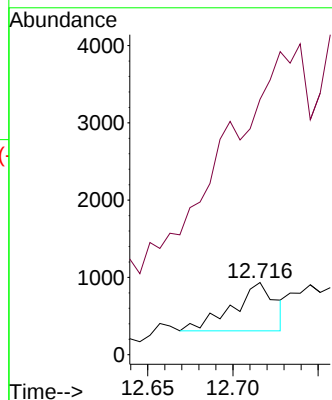
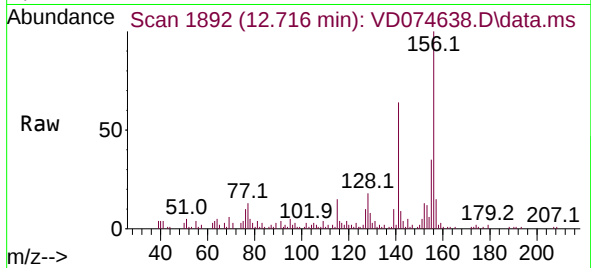




#76
1,2,3-Trichloropropane
Concen: 220.725 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

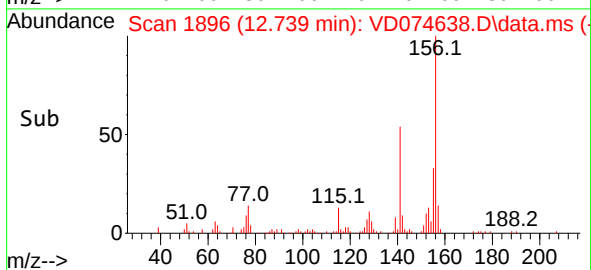
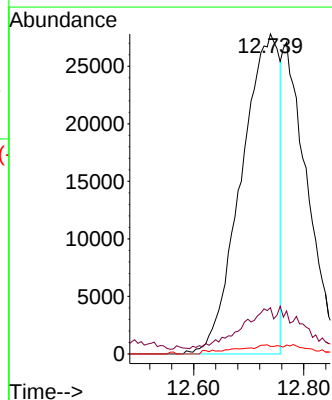
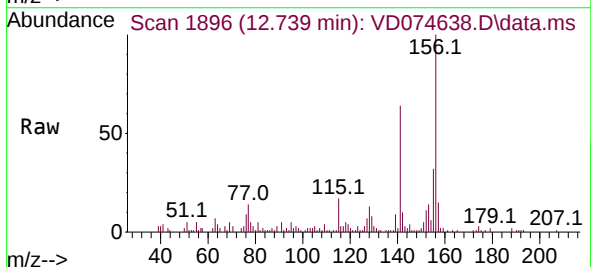
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

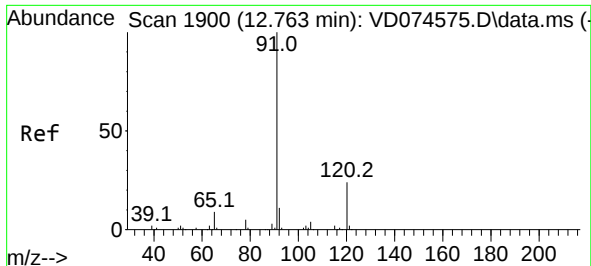
Tgt Ion: 75 Resp: 1087
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#



#77
Bromobenzene
Concen: 13462.416 ug/l
RT: 12.739 min Scan# 1896
Delta R.T. 0.041 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:156 Resp: 133646
Ion Ratio Lower Upper
156 100
77 10.7 77.7 233.1#
158 1.3 49.4 148.2#

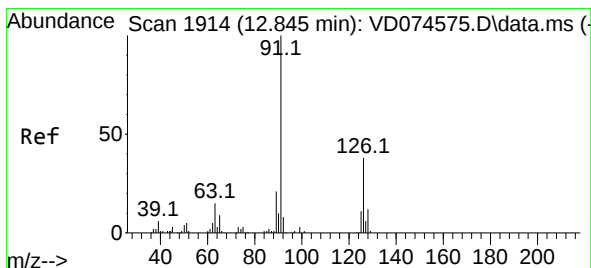
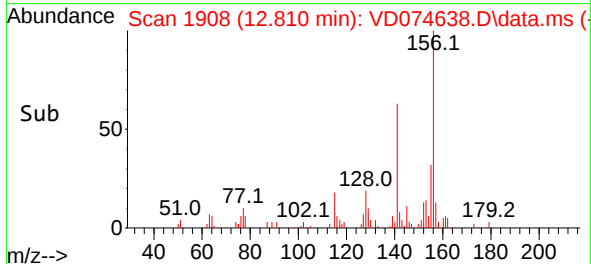
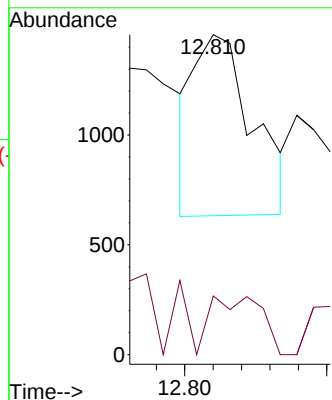
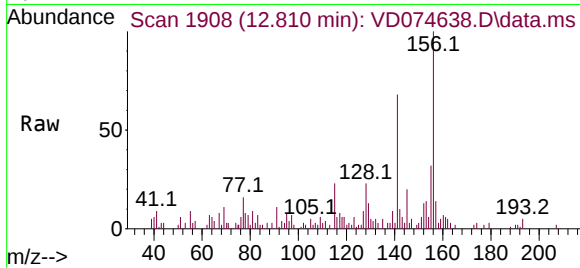




#78
n-propylbenzene
Concen: 22.854 ug/l
RT: 12.810 min Scan# 1893
Delta R.T. 0.053 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

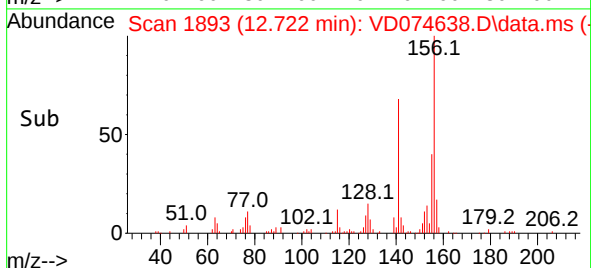
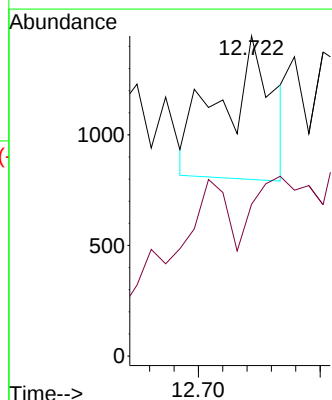
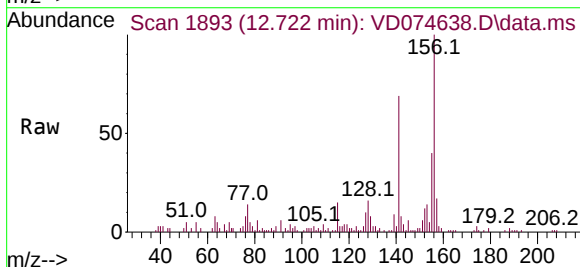
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

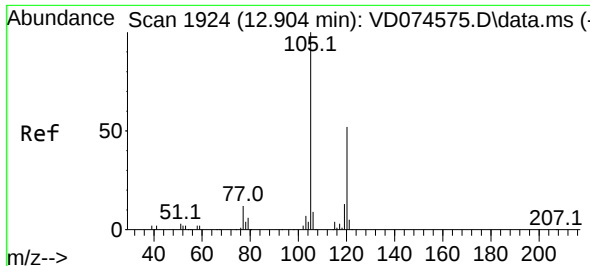
Tgt Ion: 91 Resp: 1188
Ion Ratio Lower Upper
91 100
120 28.1 11.9 35.7



#79
2-Chlorotoluene
Concen: 33.912 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.123 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 91 Resp: 955
Ion Ratio Lower Upper
91 100
126 41.7 18.3 54.8

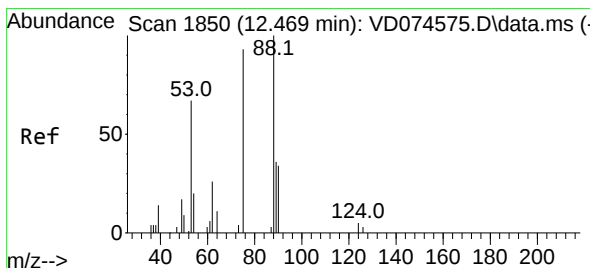
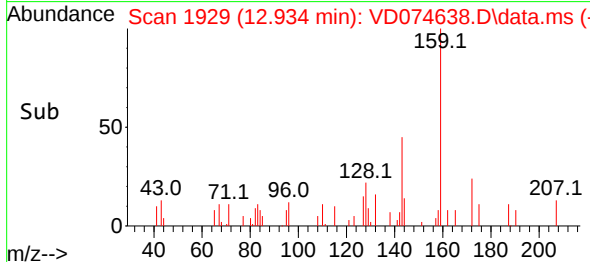
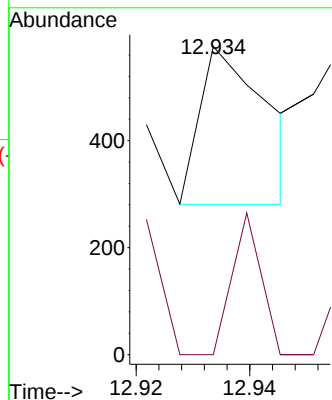
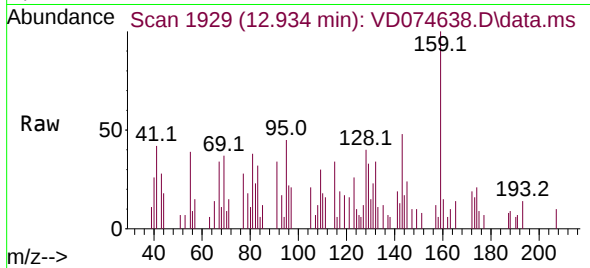




#80
1,3,5-Trimethylbenzene
Concen: 6.806 ug/l
RT: 12.934 min Scan# 1924
Delta R.T. 0.036 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

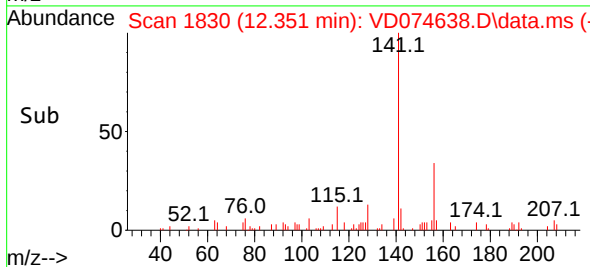
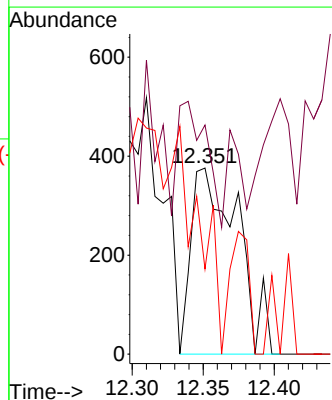
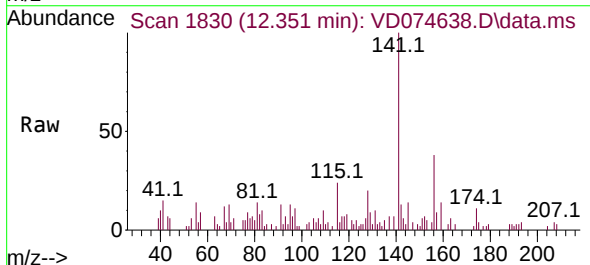
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

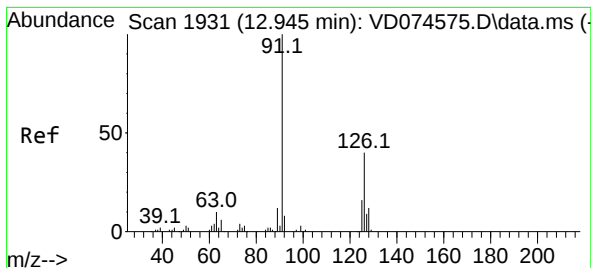
Tgt Ion:105 Resp: 243
Ion Ratio Lower Upper
105 100
120 38.7 25.7 77.0



#81
trans-1,4-Dichloro-2-butene
Concen: 443.674 ug/l
RT: 12.351 min Scan# 1830
Delta R.T. -0.112 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 75 Resp: 855
Ion Ratio Lower Upper
75 100
53 41.1 63.8 95.6#
89 0.0 38.2 57.4#





#82

4-Chlorotoluene

Concen: 10.162 ug/l

RT: 13.098 min Scan# 1931

Delta R.T. 0.158 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

Instrument :

MSVOA_D

ClientSampleId :

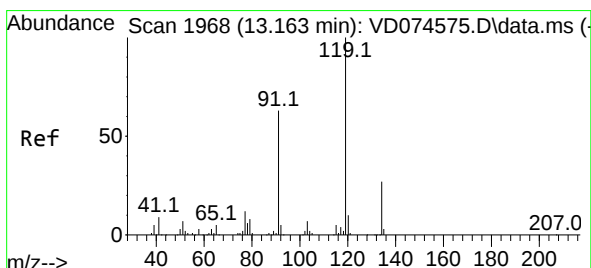
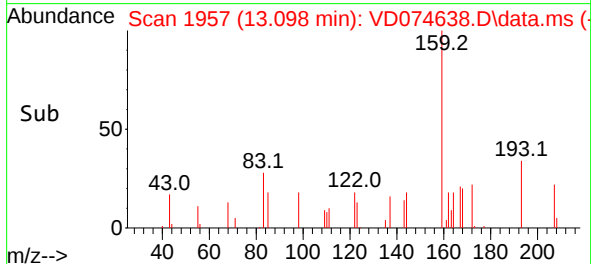
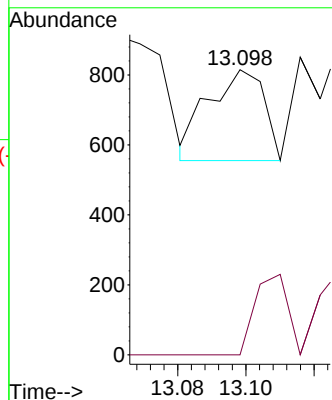
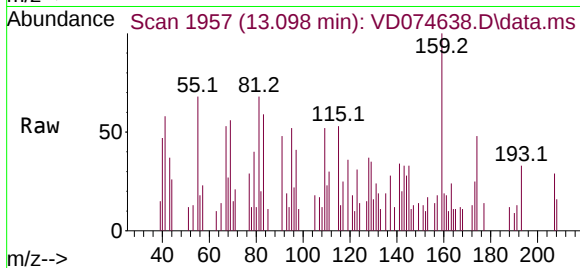
VIBLK

Tgt Ion: 91 Resp: 294

Ion Ratio Lower Upper

91 100

126 51.7 18.8 56.4



#83

tert-Butylbenzene

Concen: 16.639 ug/l

RT: 13.175 min Scan# 1970

Delta R.T. 0.012 min

Lab File: VD074638.D

Acq: 25 Oct 2022 17:45

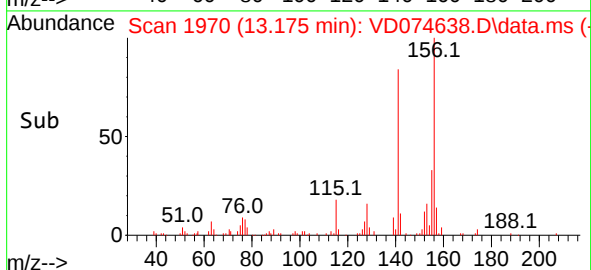
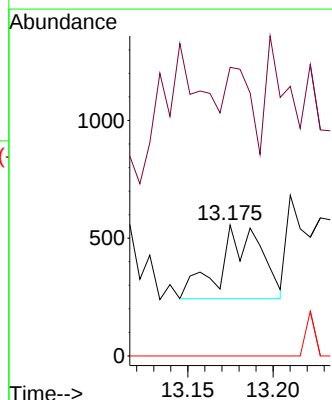
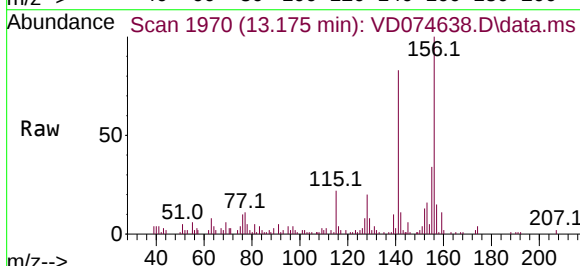
Tgt Ion: 119 Resp: 530

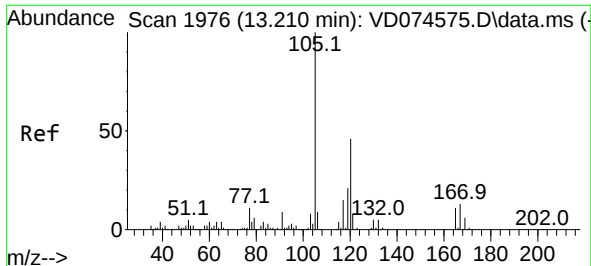
Ion Ratio Lower Upper

119 100

91 66.0 30.0 90.0

134 0.0 13.4 40.1#

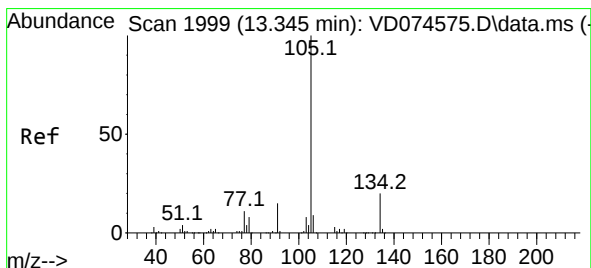
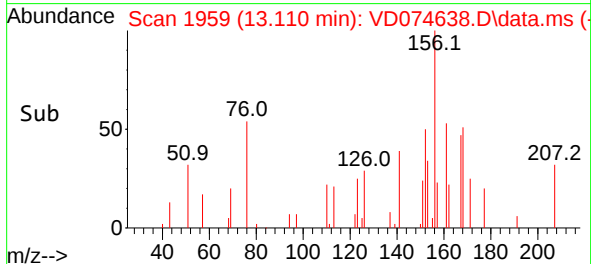
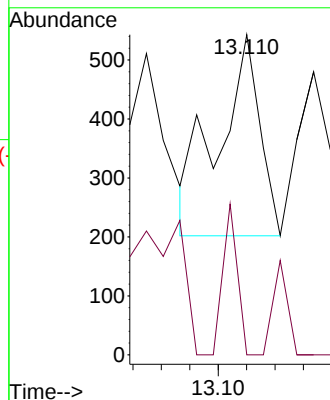
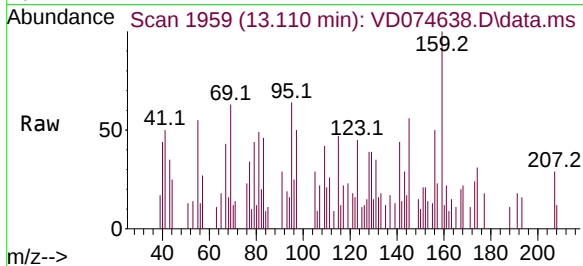




#84
1,2,4-Trimethylbenzene
Concen: 9.904 ug/l
RT: 13.110 min Scan# 1959
Delta R.T. -0.094 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

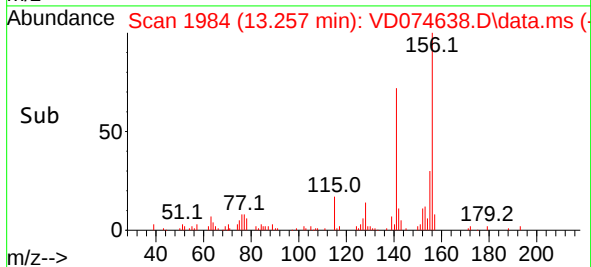
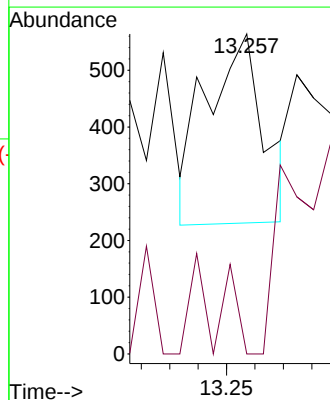
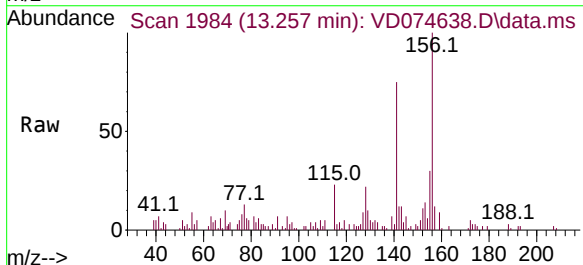
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

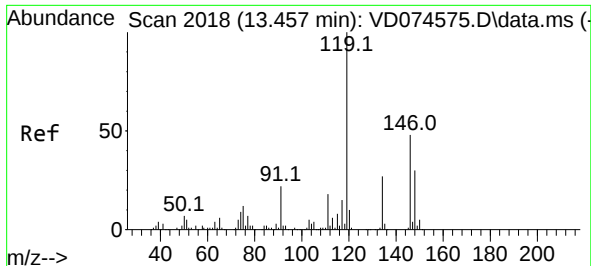
Tgt Ion:105 Resp: 348
Ion Ratio Lower Upper
105 100
120 25.9 22.9 68.7



#85
sec-Butylbenzene
Concen: 9.812 ug/l
RT: 13.257 min Scan# 1984
Delta R.T. -0.082 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:105 Resp: 469
Ion Ratio Lower Upper
105 100
134 25.2 10.0 30.0

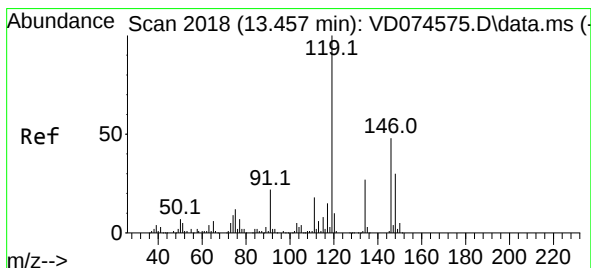
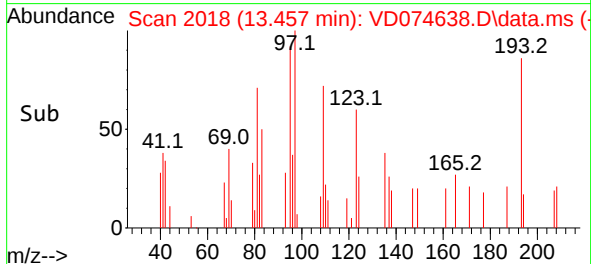
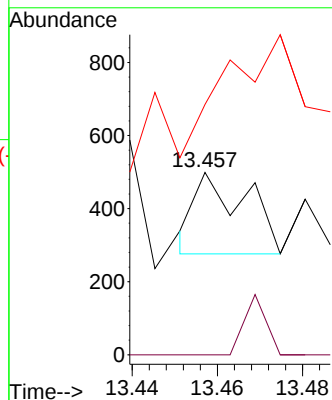
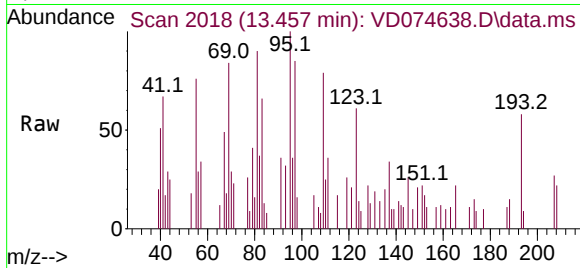




#86
p-Isopropyltoluene
Concen: 4.620 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

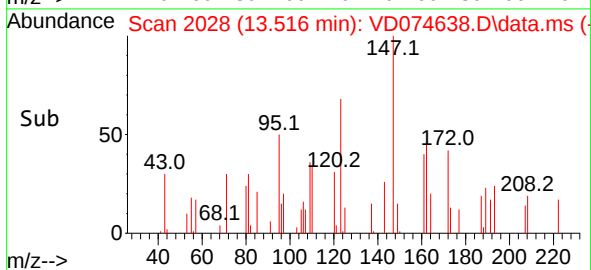
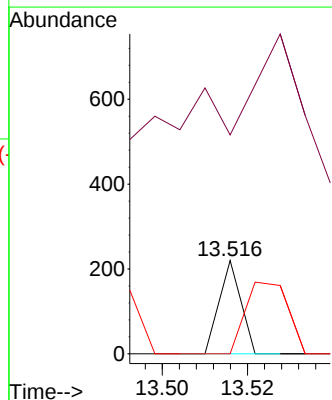
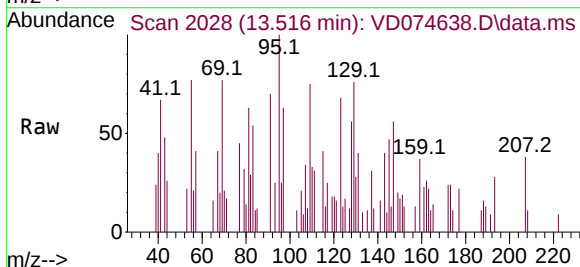
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

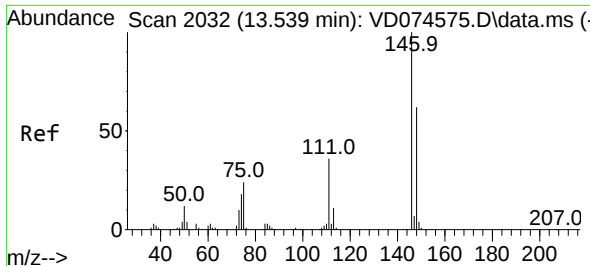
Tgt Ion:	119	Resp:	185
Ion	Ratio	Lower	Upper
119	100		
134	31.4	13.5	40.4
91	327.0	10.8	32.4#



#87
1,3-Dichlorobenzene
Concen: 3.781 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.065 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:	146	Resp:	78
Ion	Ratio	Lower	Upper
146	100		
111	1146.2	18.3	54.8#
148	148.7	31.8	95.4#

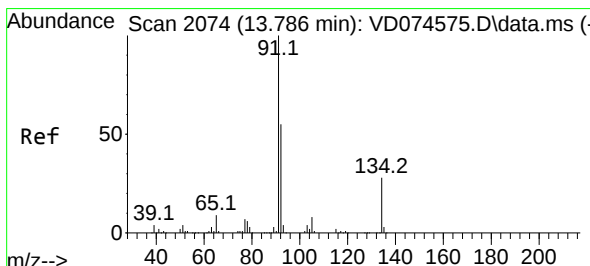
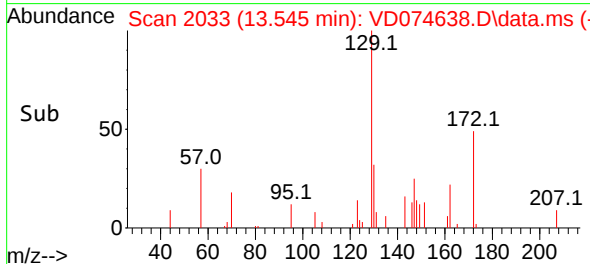
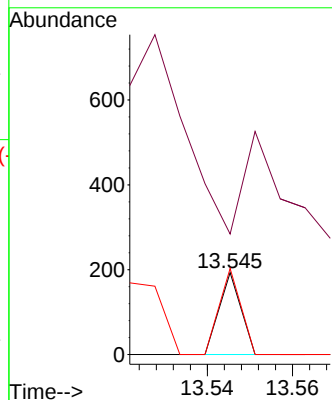
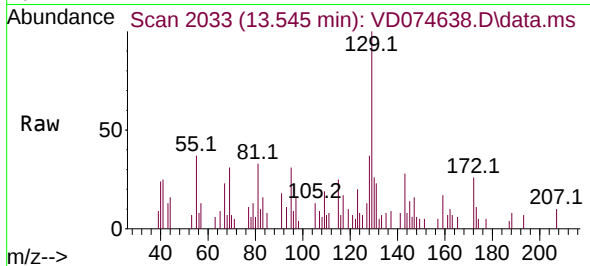




#88
1,4-Dichlorobenzene
Concen: 3.367 ug/l
RT: 13.545 min Scan# 2032
Delta R.T. 0.011 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

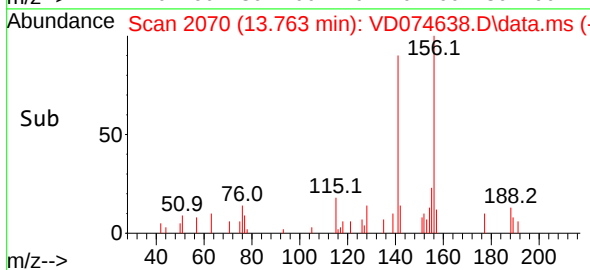
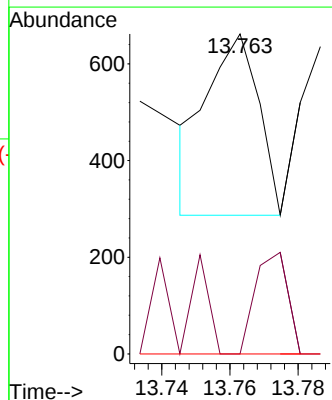
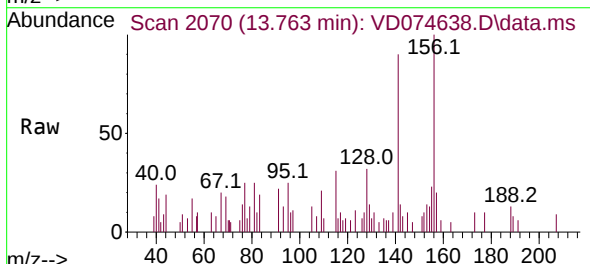
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

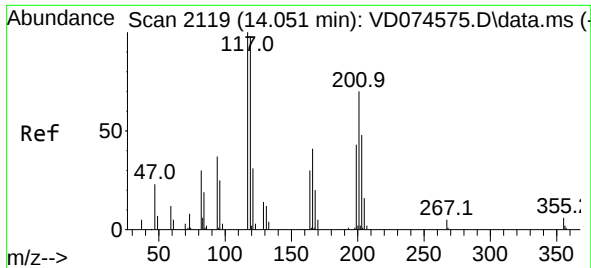
Tgt Ion:146 Resp: 68
Ion Ratio Lower Upper
146 100
111 0.0 17.7 53.1#
148 105.9 32.3 96.9#



#89
n-Butylbenzene
Concen: 10.909 ug/l
RT: 13.763 min Scan# 2070
Delta R.T. -0.018 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion: 91 Resp: 398
Ion Ratio Lower Upper
91 100
92 34.9 26.9 80.7
134 0.0 13.4 40.2#

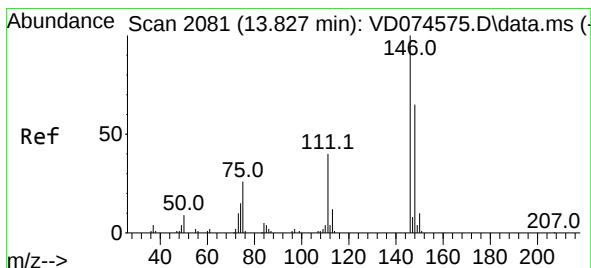
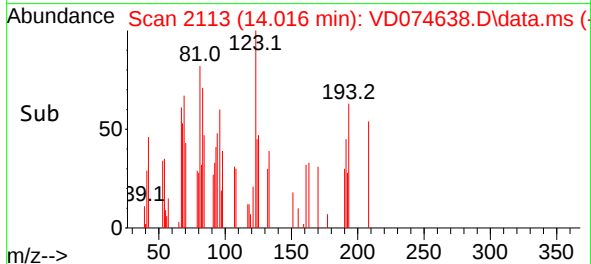
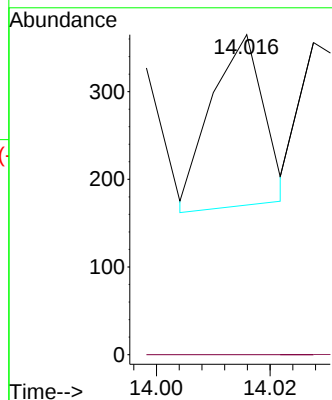
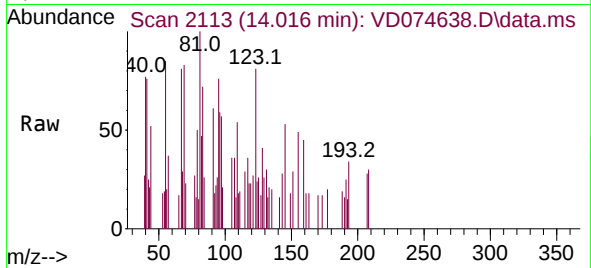




#90
Hexachloroethane
Concen: 18.365 ug/l
RT: 14.016 min Scan# 2119
Delta R.T. -0.029 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

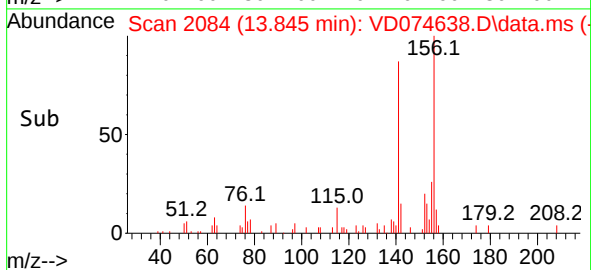
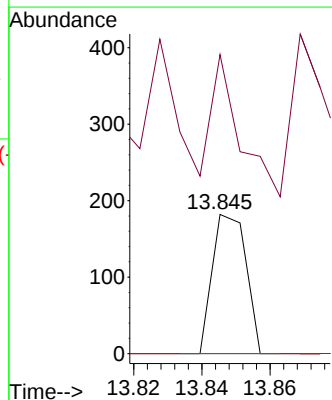
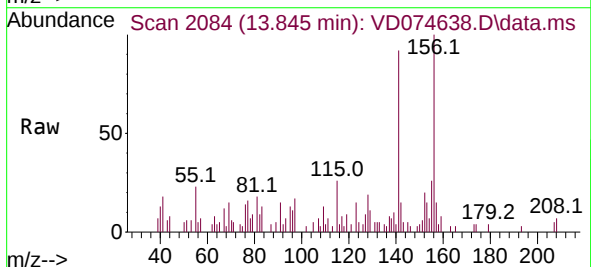
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MSVOA_D
ClientSampleId :
VIBLK

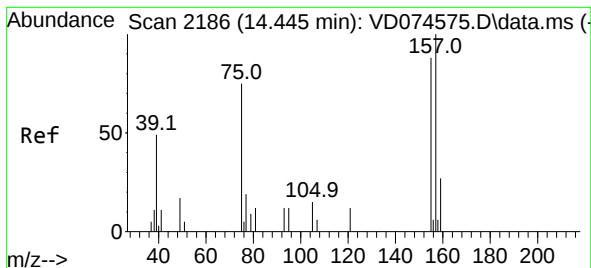
Tgt Ion:117 Resp: 128
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#



#91
1,2-Dichlorobenzene
Concen: 7.264 ug/l
RT: 13.845 min Scan# 2084
Delta R.T. 0.017 min
Lab File: VD074638.D
Acq: 25 Oct 2022 17:45

Tgt Ion:146 Resp: 125
Ion Ratio Lower Upper
146 100
111 544.0 18.9 56.5#
148 0.0 31.9 95.5#

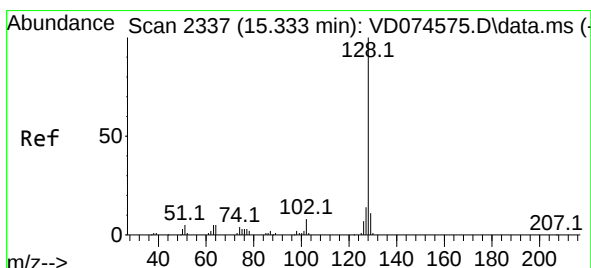
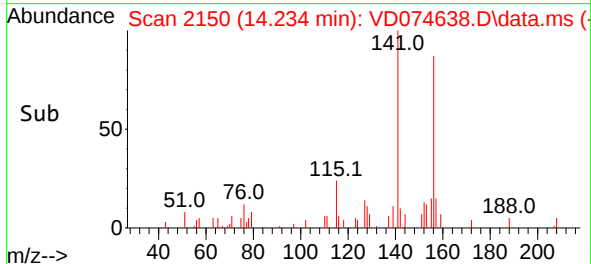
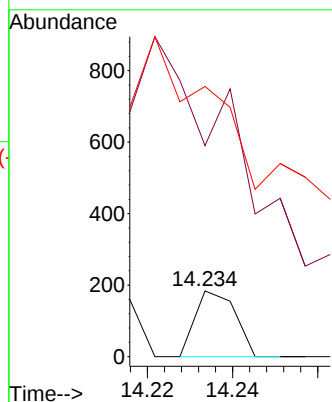
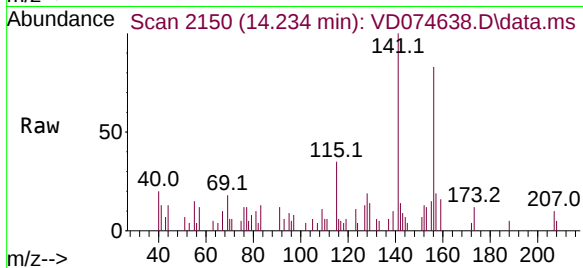




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 124.611 ug/l
 RT: 14.234 min Scan# 2186
 Delta R.T. -0.205 min
 Lab File: VD074638.D
 Acq: 25 Oct 2022 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 120
 Ion Ratio Lower Upper
 75 100
 155 2648.3 51.2 153.8#
 157 1489.2 68.2 204.5#



#95
 Naphthalene
 Concen: 27.609 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.005 min
 Lab File: VD074638.D
 Acq: 25 Oct 2022 17:45

Tgt Ion:128 Resp: 590
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 0.0 8.3 12.5#

