

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073828.D
 Acq On : 11 Jul 2022 17:41
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 12 07:09:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	101757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	226877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	208704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	89774	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	84437	61.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.900%	
35) Dibromofluoromethane	7.909	113	80402	53.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.140%	
50) Toluene-d8	10.332	98	286348	54.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 109.420%	
62) 4-Bromofluorobenzene	12.620	95	101417	45.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 91.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	28385	49.184	ug/l	97
7) Trichlorofluoromethane	3.262	101	3028	2.093	ug/l #	74
9) 1,1,2-Trichlorotrifluo...	4.079	101	2424	2.717	ug/l #	76
10) Methyl Iodide	4.291	142	1152	1.990	ug/l #	81
12) 1,1-Dichloroethene	4.062	96	1350	1.973	ug/l	89
20) Methylene Chloride	4.956	84	13436	5.968	ug/l	90
21) trans-1,2-Dichloroethene	5.462	96	1091	1.355	ug/l #	71
23) Vinyl Acetate	6.303	43	5550	3.000	ug/l #	87
25) 2-Butanone	7.214	43	1110	3.160	ug/l	90
26) 2,2-Dichloropropane	7.203	77	3265	1.743	ug/l #	77
27) cis-1,2-Dichloroethene	7.191	96	1371	1.186	ug/l	84
29) Tetrahydrofuran	7.556	42	975	4.660	ug/l #	52
30) Chloroform	7.703	83	3020	1.366	ug/l	84
32) 1,1,1-Trichloroethane	7.891	97	2643	1.429	ug/l #	40
36) 1,1-Dichloropropene	8.097	75	2394	1.576	ug/l #	78
38) Carbon Tetrachloride	8.079	117	2642	1.523	ug/l	91
39) Methylcyclohexane	9.344	83	2802	1.783	ug/l	90
40) Benzene	8.338	78	5156	1.140	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	2261	2.321	ug/l	92
52) Toluene	10.391	92	3336	1.099	ug/l	88
59) 2-Hexanone	10.967	43	1543	2.326	ug/l	96
64) Tetrachloroethene	10.873	164	1471	1.637	ug/l #	71
65) Chlorobenzene	11.655	112	4041	1.171	ug/l	88
67) Ethyl Benzene	11.732	91	7697	1.196	ug/l	96
68) m/p-Xylenes	11.844	106	5821	2.466	ug/l	89
69) o-Xylene	12.167	106	2402	1.026	ug/l	94
73) Isopropylbenzene	12.467	105	8798	1.434	ug/l	89
78) n-propylbenzene	12.802	91	10412	1.344	ug/l	97
79) 2-Chlorotoluene	12.891	91	4747	1.065	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	5764	1.127	ug/l	98
82) 4-Chlorotoluene	12.991	91	5151	1.105	ug/l	92
83) tert-Butylbenzene	13.208	119	6485	1.439	ug/l	97
85) sec-Butylbenzene	13.385	105	10733	1.532	ug/l	98
86) p-Isopropyltoluene	13.502	119	7364	1.305	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	2768	1.002	ug/l	97
89) n-Butylbenzene	13.826	91	8230	1.453	ug/l	98

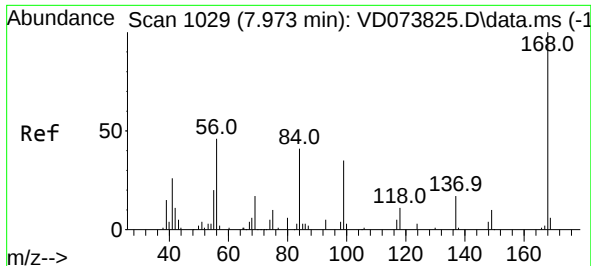
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
Data File : VD073828.D
Acq On : 11 Jul 2022 17:41
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jul 12 07:09:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.091	117	1339	1.226	ug/l	97
93) 1,2,4-Trichlorobenzene	15.132	180	1604	1.157	ug/l	90
94) Hexachlorobutadiene	15.232	225	1123	1.702	ug/l	93
95) Naphthalene	15.379	128	3979	1.314	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.567	180	1373	1.139	ug/l	89

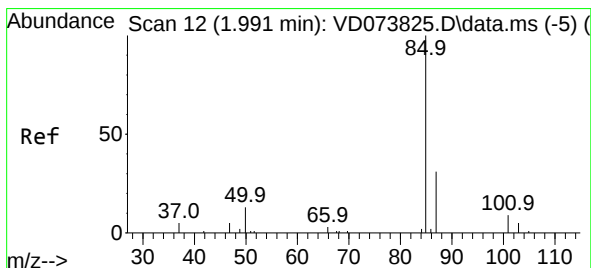
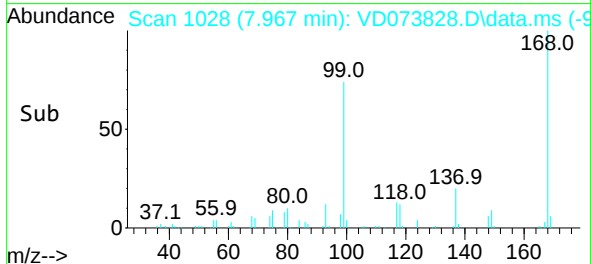
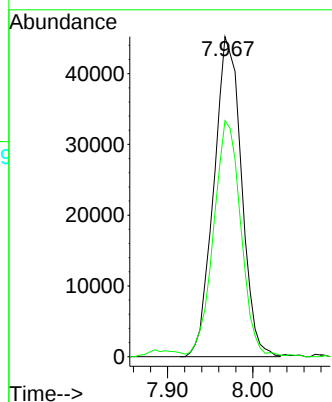
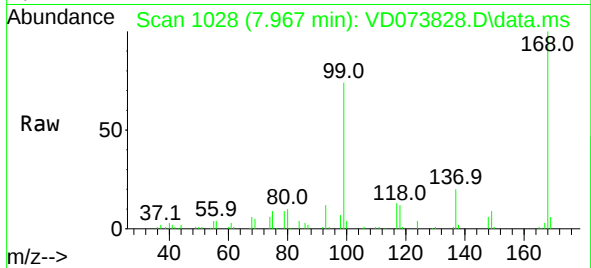
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

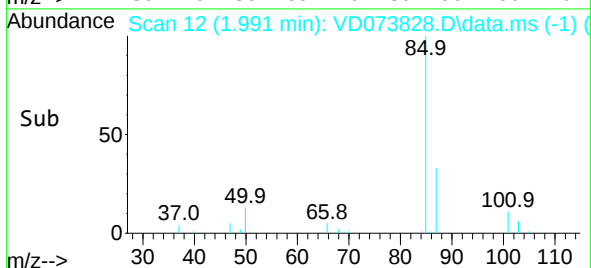
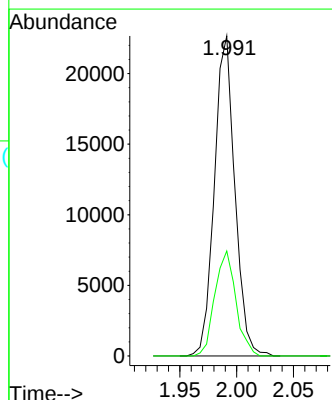
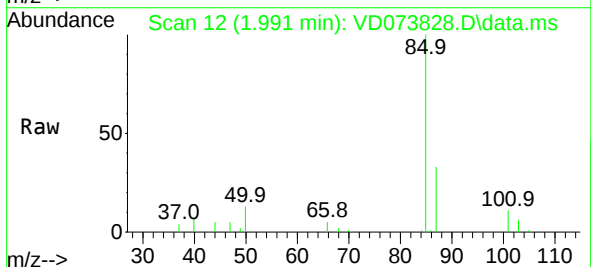
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

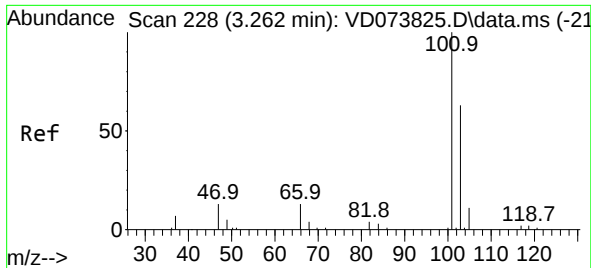
Tgt Ion:168 Resp: 101757
Ion Ratio Lower Upper
168 100
99 73.3 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 49.184 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 85 Resp: 28385
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.7

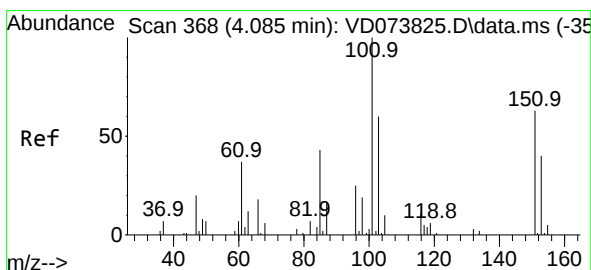
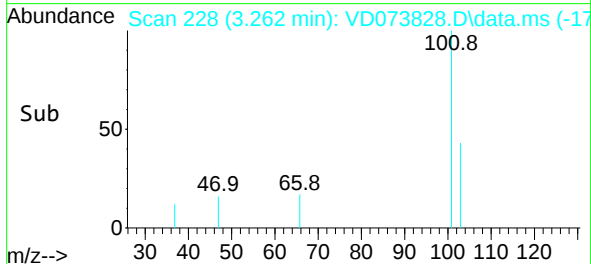
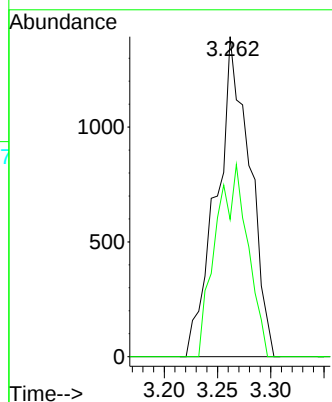
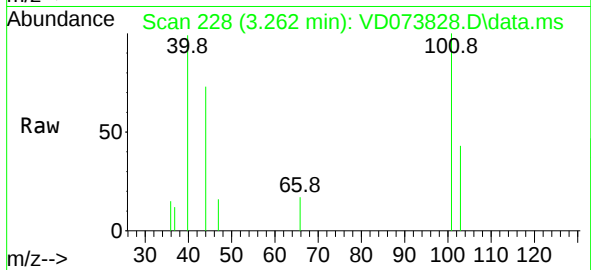




#7
 Trichlorofluoromethane
 Concen: 2.093 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

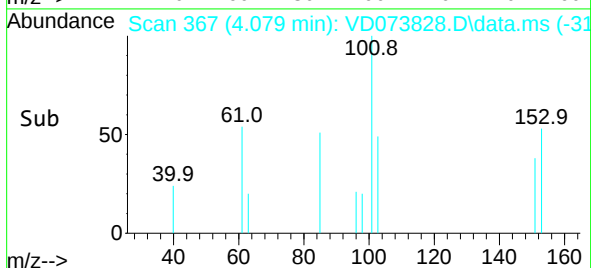
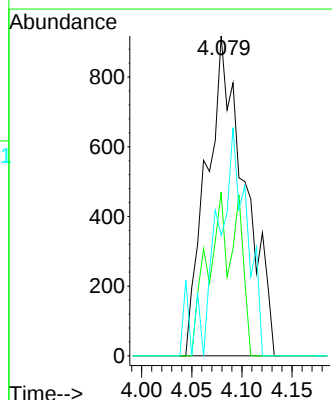
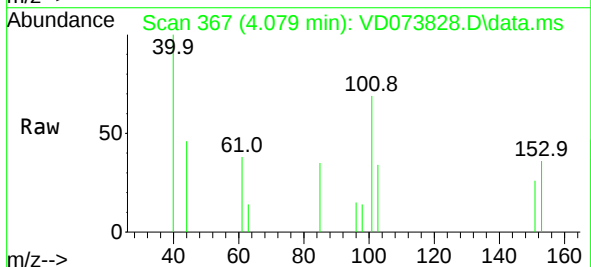
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

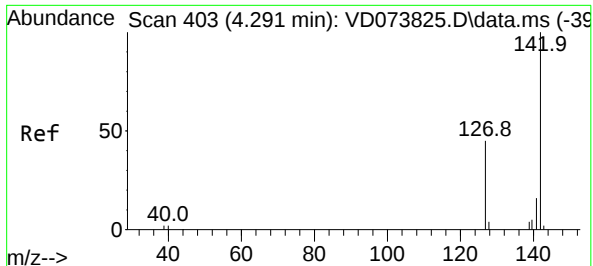
Tgt Ion:101 Resp: 3028
 Ion Ratio Lower Upper
 101 100
 103 42.9 50.3 75.5#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.717 ug/l
 RT: 4.079 min Scan# 367
 Delta R.T. -0.006 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

Tgt Ion:101 Resp: 2424
 Ion Ratio Lower Upper
 101 100
 85 25.0 38.6 57.8#
 151 53.8 53.6 80.4

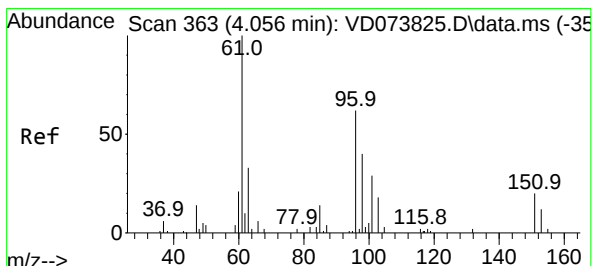
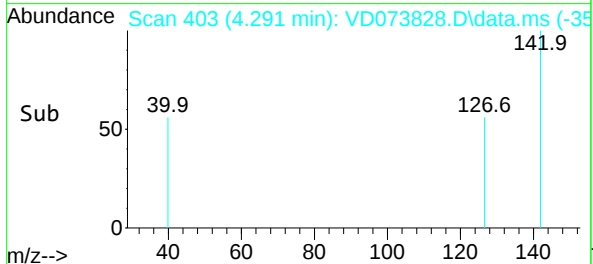
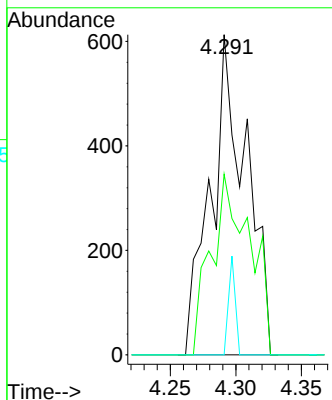
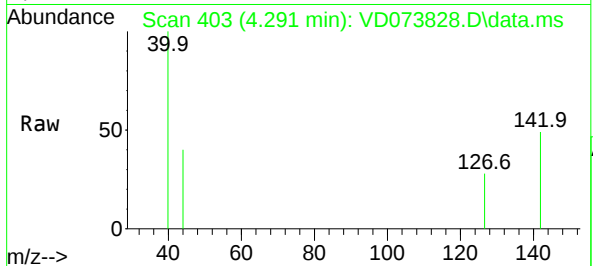




#10
Methyl Iodide
Concen: 1.990 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

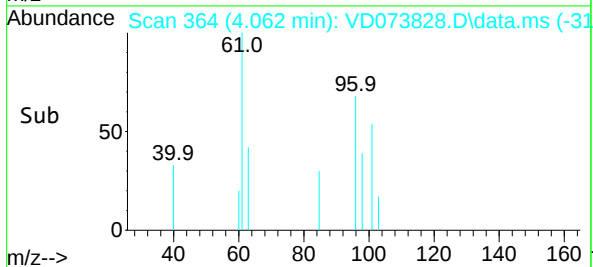
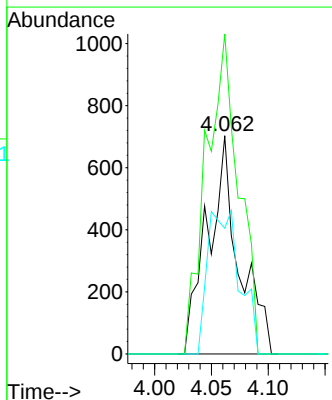
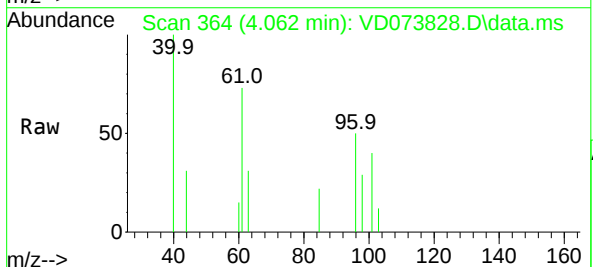
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

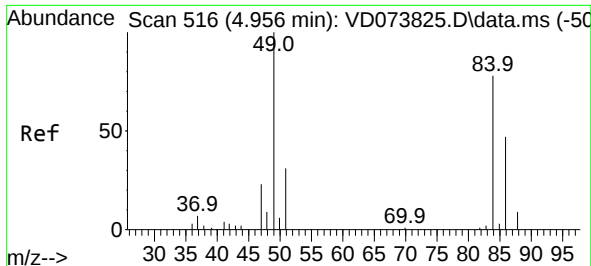
Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
127 62.0 39.8 59.6#
141 5.8 11.9 17.9#



#12
1,1-Dichloroethene
Concen: 1.973 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 96 Resp: 1350
Ion Ratio Lower Upper
96 100
61 146.7 130.1 195.1
98 57.6 52.1 78.1



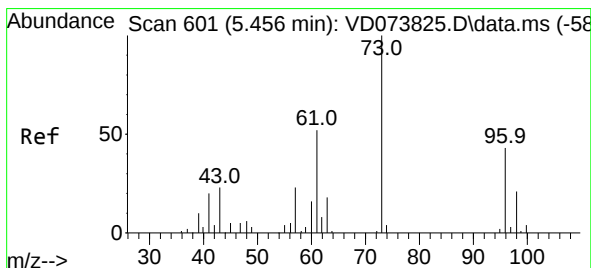
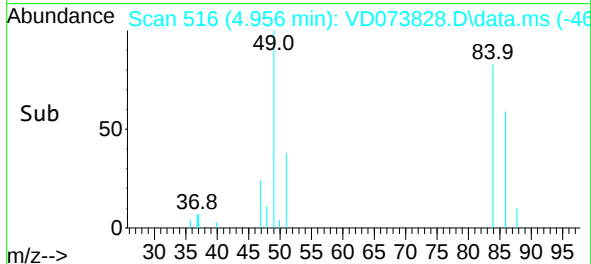
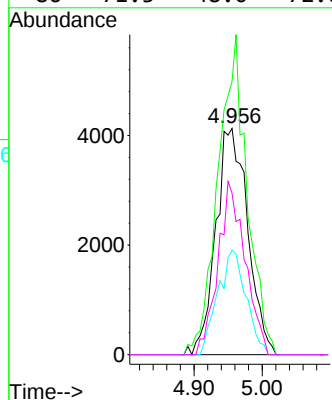
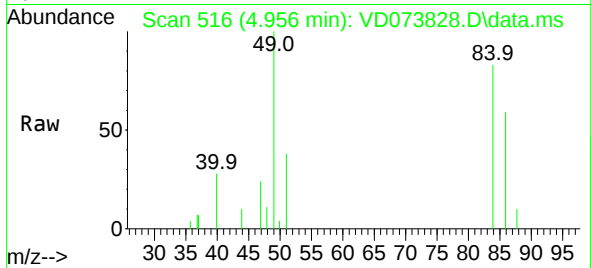


#20
Methylene Chloride
Concen: 5.968 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 13436

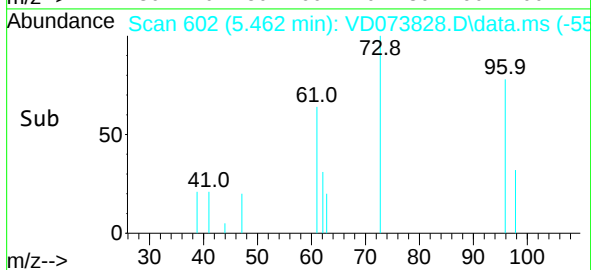
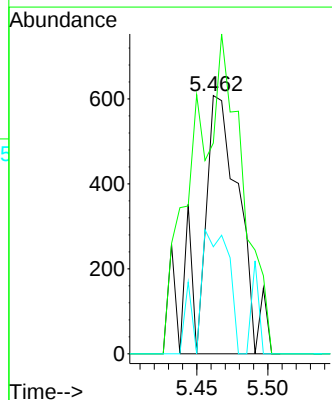
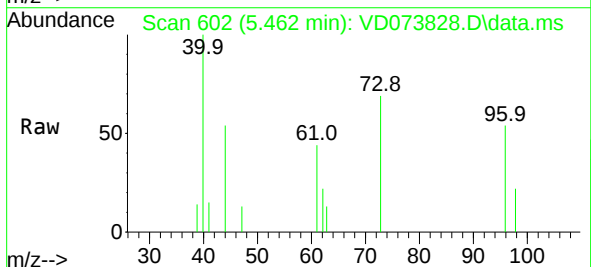
Ion	Ratio	Lower	Upper
84	100		
49	120.7	102.5	153.7
51	46.1	31.4	47.0
86	71.3	48.0	72.0

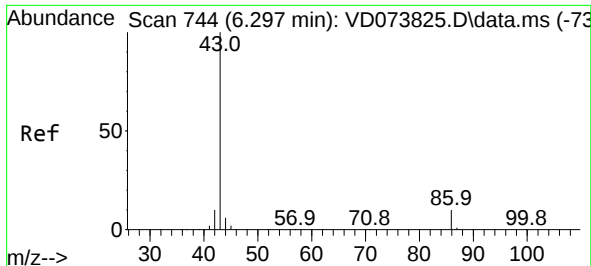


#21
trans-1,2-Dichloroethene
Concen: 1.355 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 96 Resp: 1091

Ion	Ratio	Lower	Upper
96	100		
61	81.6	97.0	145.6#
98	41.4	39.5	59.3

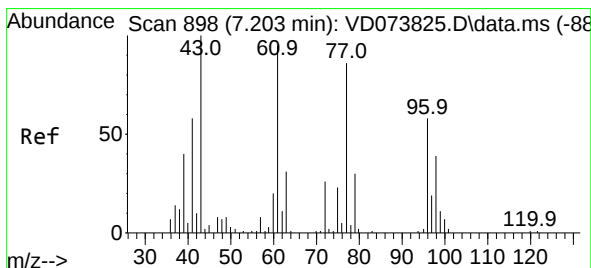
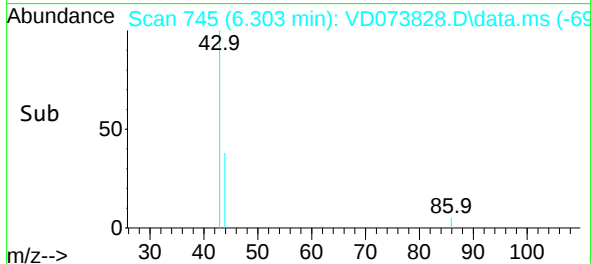
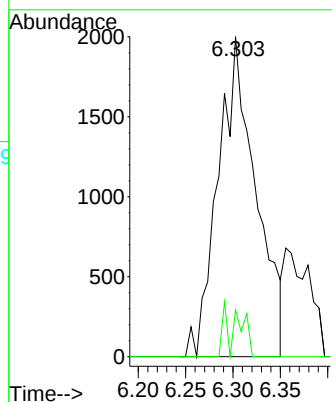
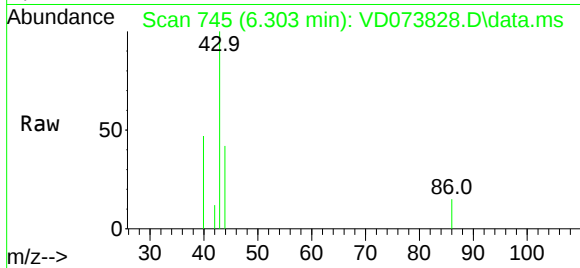




#23
 Vinyl Acetate
 Concen: 3.000 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

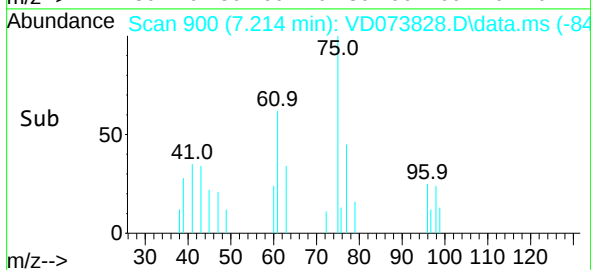
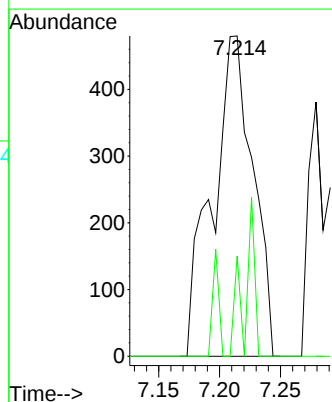
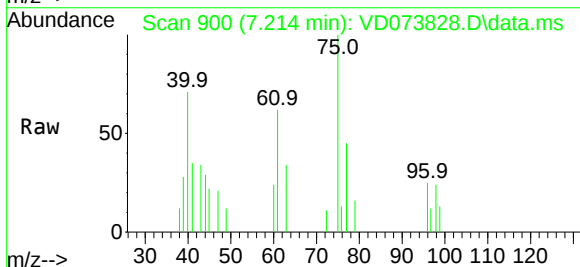
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

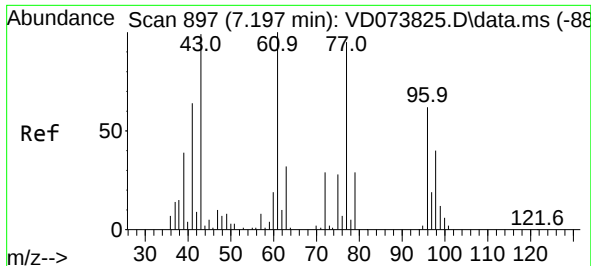
Tgt Ion: 43 Resp: 5550
 Ion Ratio Lower Upper
 43 100
 86 14.6 7.8 11.8#



#25
 2-Butanone
 Concen: 3.160 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.012 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

Tgt Ion: 43 Resp: 1110
 Ion Ratio Lower Upper
 43 100
 72 31.3 20.9 31.3





#26

2,2-Dichloropropane

Concen: 1.743 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.006 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

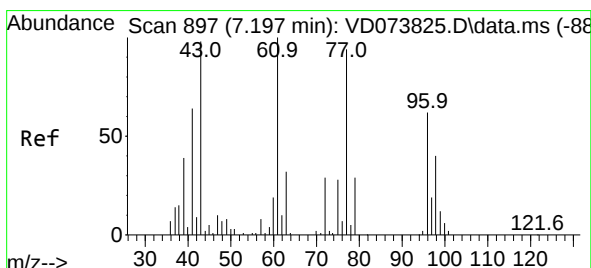
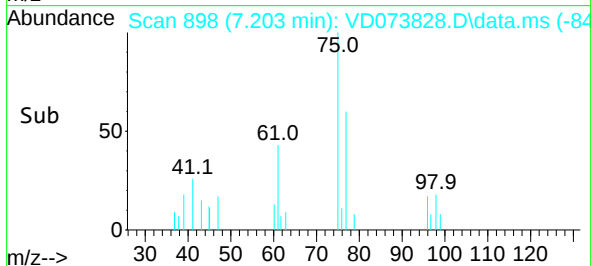
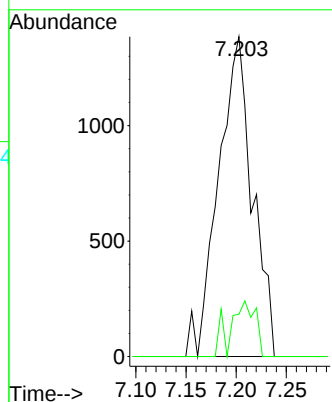
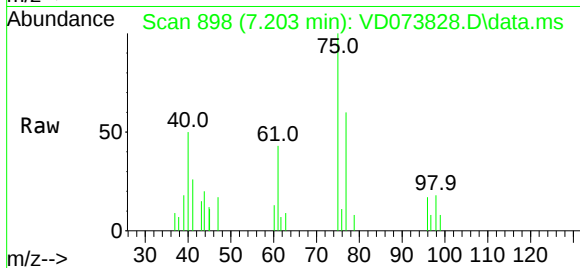
VIBLK

Tgt Ion: 77 Resp: 3265

Ion Ratio Lower Upper

77 100

97 10.6 10.7 31.9#



#27

cis-1,2-Dichloroethene

Concen: 1.186 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.006 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

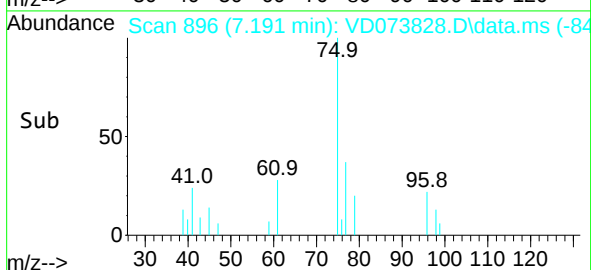
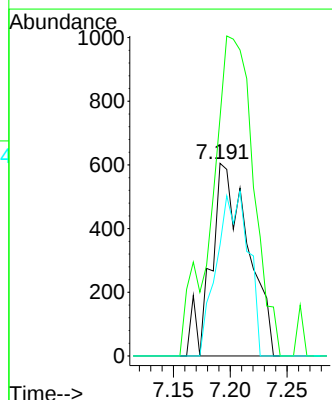
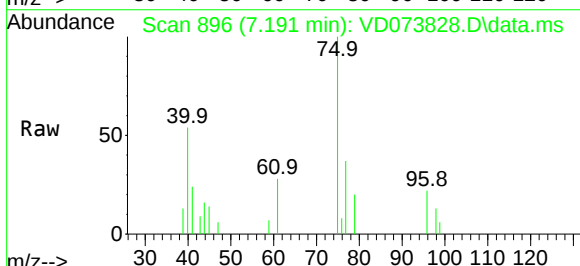
Tgt Ion: 96 Resp: 1371

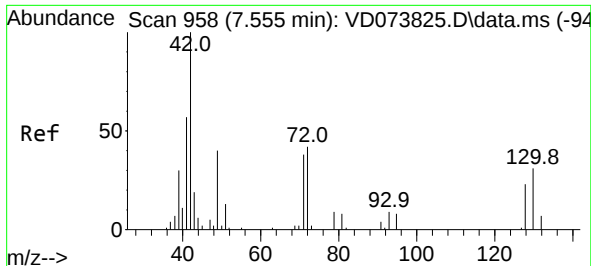
Ion Ratio Lower Upper

96 100

61 187.6 0.0 324.4

98 72.7 0.0 131.6





#29

Tetrahydrofuran

Concen: 4.660 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

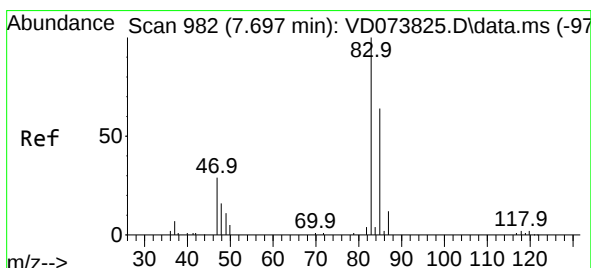
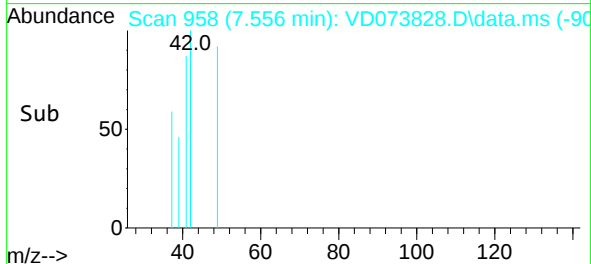
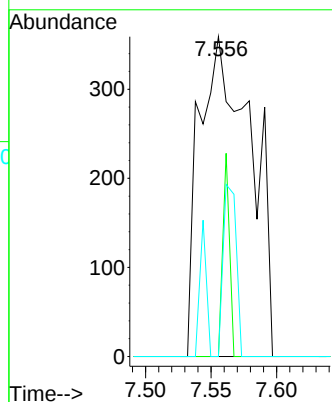
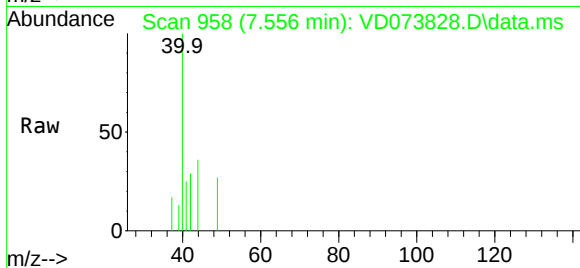
Tgt Ion: 42 Resp: 975

Ion Ratio Lower Upper

42 100

72 8.2 33.5 50.3#

71 13.5 31.0 46.6#



#30

Chloroform

Concen: 1.366 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.006 min

Lab File: VD073828.D

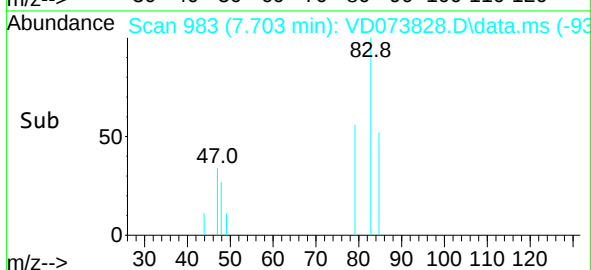
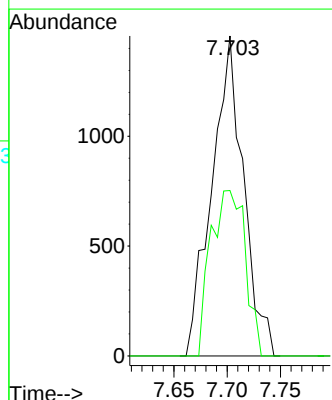
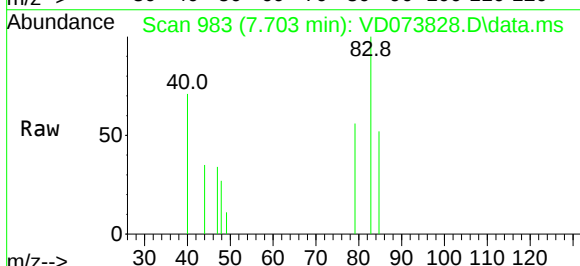
Acq: 11 Jul 2022 17:41

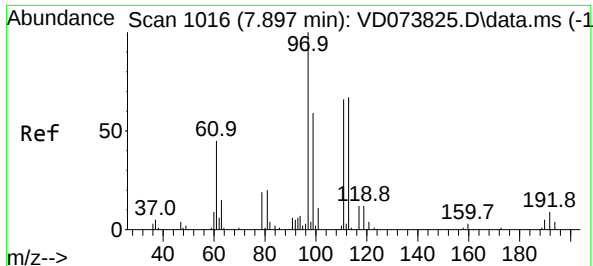
Tgt Ion: 83 Resp: 3020

Ion Ratio Lower Upper

83 100

85 51.7 51.2 76.8

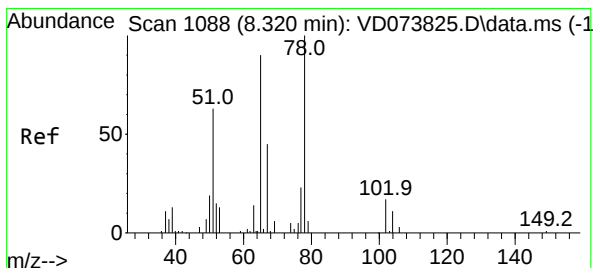
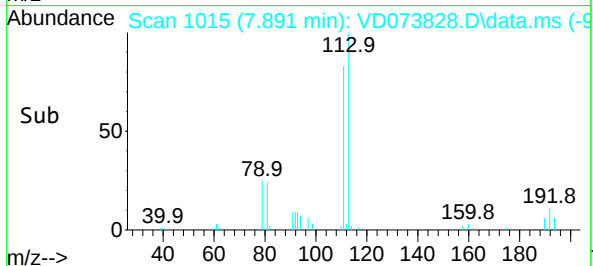
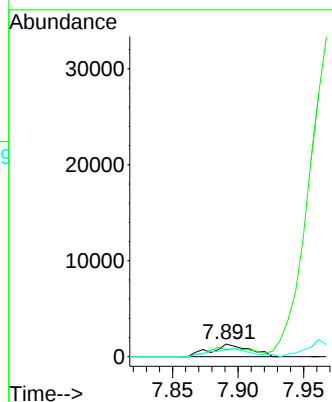
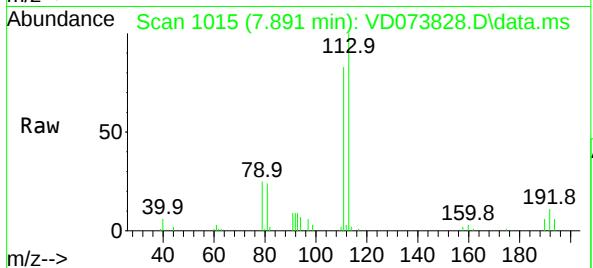




#32
1,1,1-Trichloroethane
Concen: 1.429 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

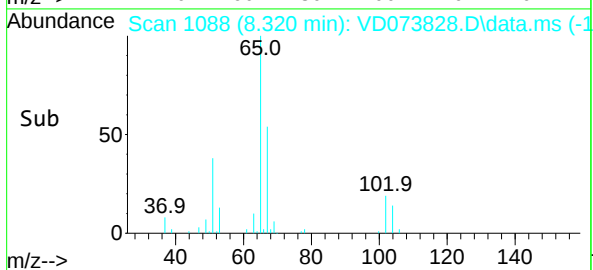
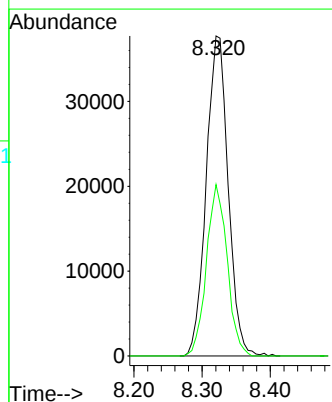
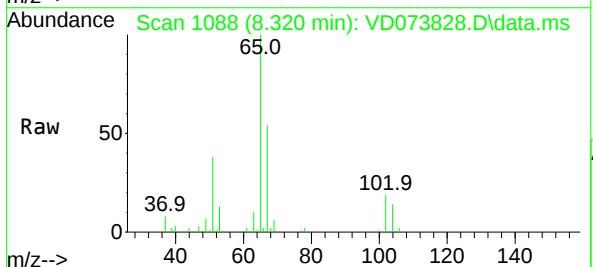
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

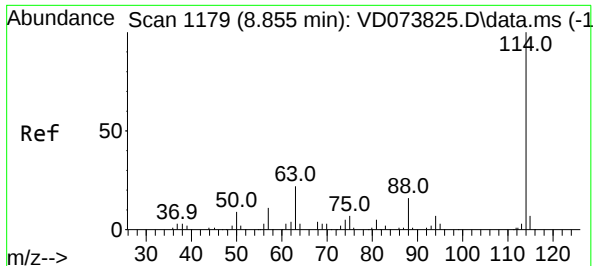
Tgt Ion: 97 Resp: 2643
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 65.3 37.0 55.4#



#33
1,2-Dichloroethane-d4
Concen: 61.951 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 65 Resp: 84437
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

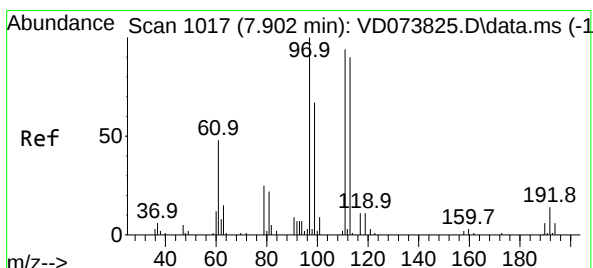
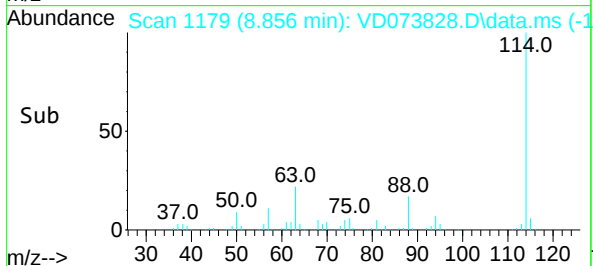
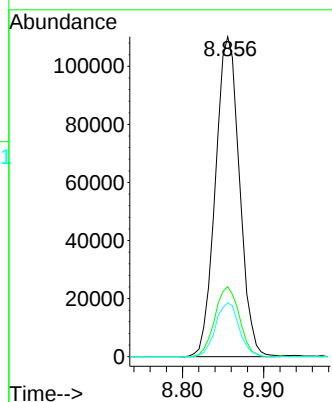
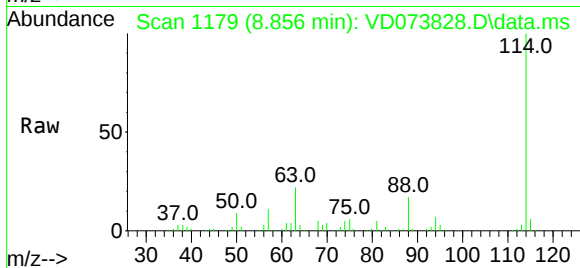
Tgt Ion:114 Resp: 226877

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 16.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 53.570 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

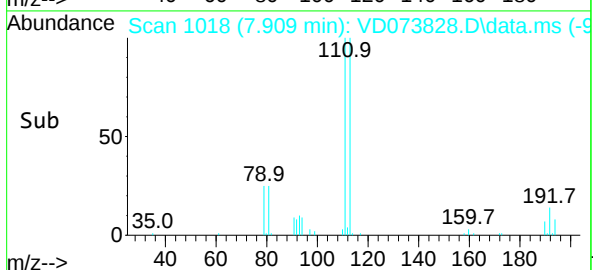
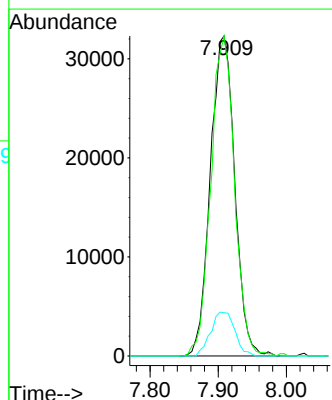
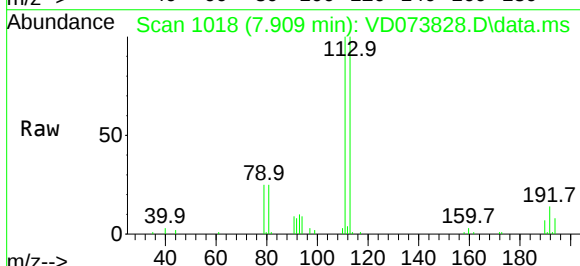
Tgt Ion:113 Resp: 80402

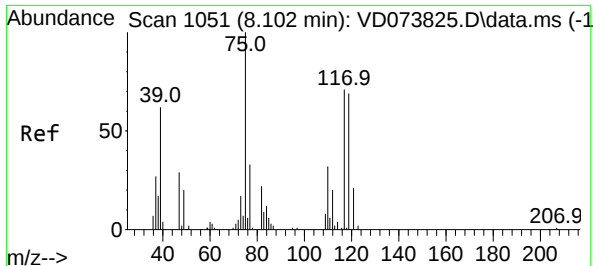
Ion Ratio Lower Upper

113 100

111 97.2 82.2 123.4

192 13.6 12.3 18.5

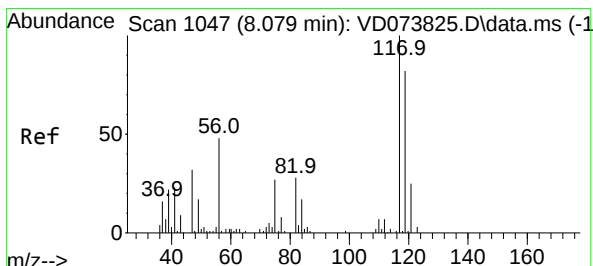
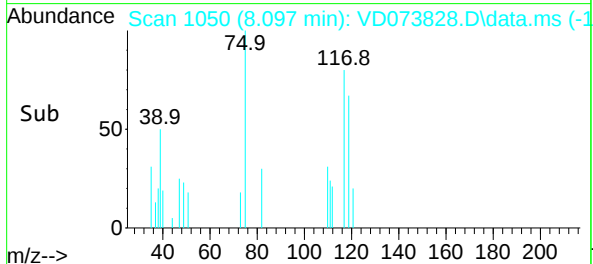
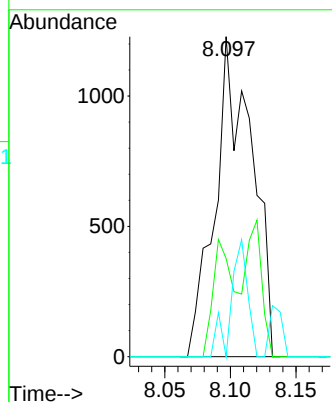
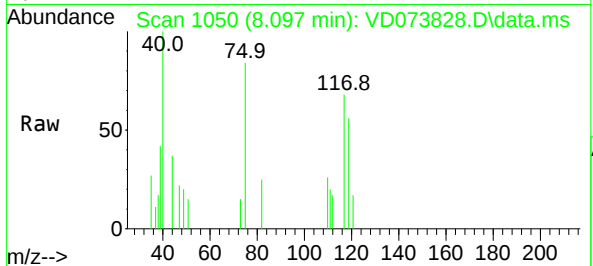




#36
1,1-Dichloropropene
Concen: 1.576 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

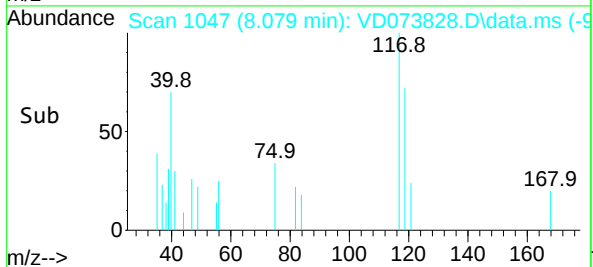
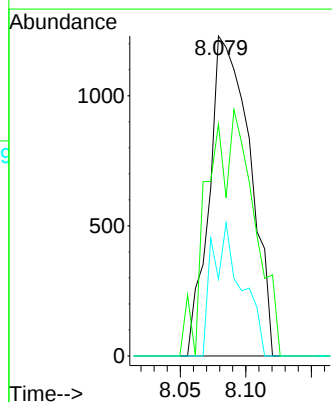
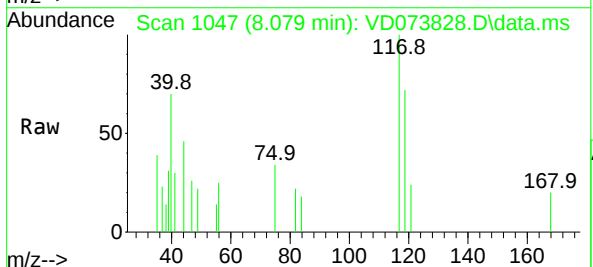
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

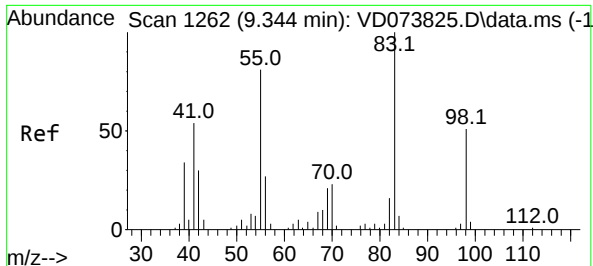
Tgt Ion: 75 Resp: 2394
Ion Ratio Lower Upper
75 100
110 22.0 16.0 47.9
77 16.8 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 1.523 ug/l
RT: 8.079 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 117 Resp: 2642
Ion Ratio Lower Upper
117 100
119 72.4 65.6 98.4
121 24.0 20.1 30.1





#39

Methylcyclohexane

Concen: 1.783 ug/l

RT: 9.344 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

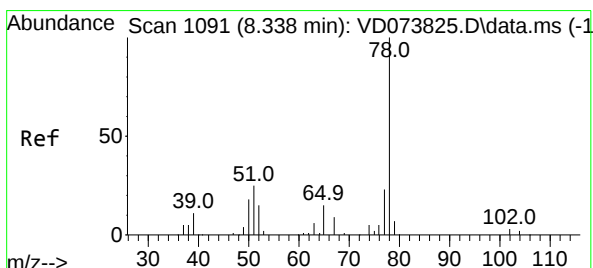
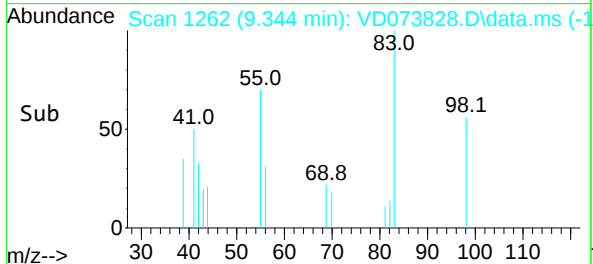
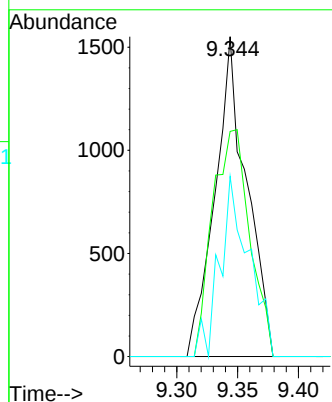
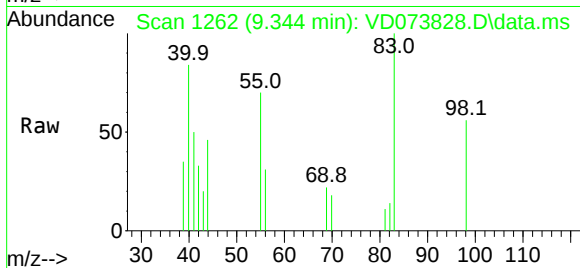
Tgt Ion: 83 Resp: 2802

Ion Ratio Lower Upper

83 100

55 70.4 64.8 97.2

98 56.4 41.0 61.4



#40

Benzene

Concen: 1.140 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD073828.D

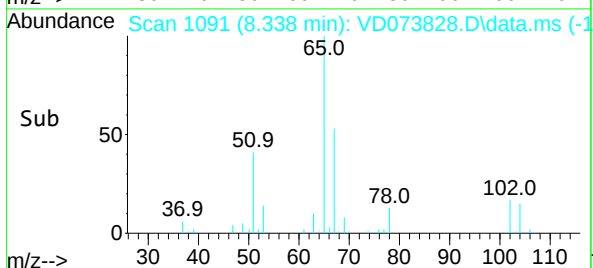
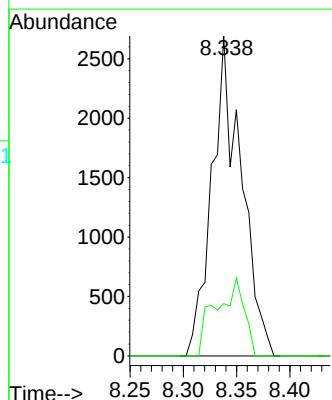
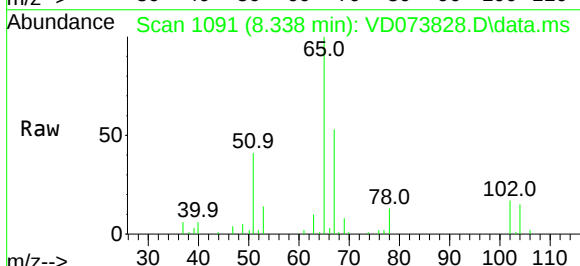
Acq: 11 Jul 2022 17:41

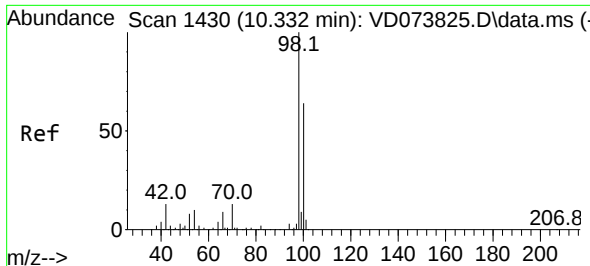
Tgt Ion: 78 Resp: 5156

Ion Ratio Lower Upper

78 100

77 16.3 18.8 28.2#

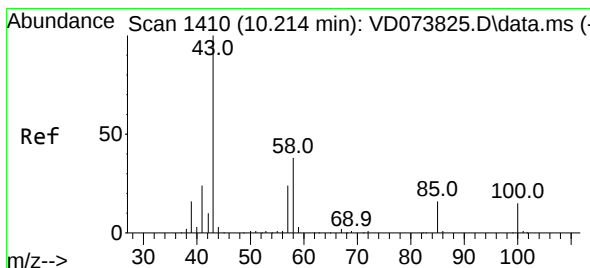
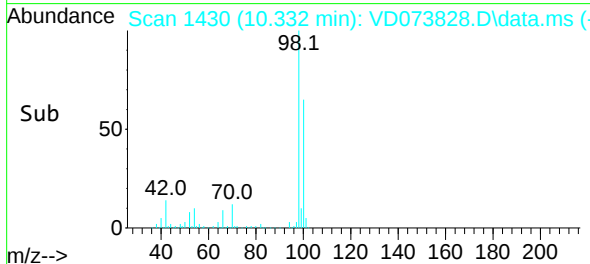
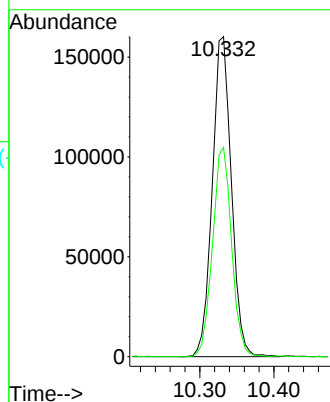
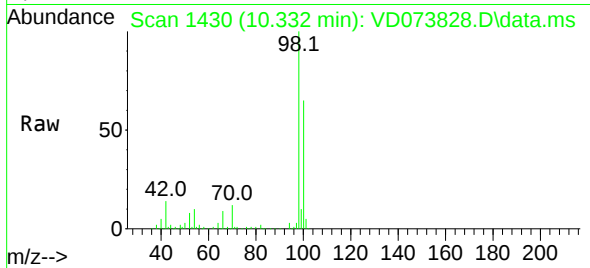




#50
Toluene-d8
Concen: 54.714 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

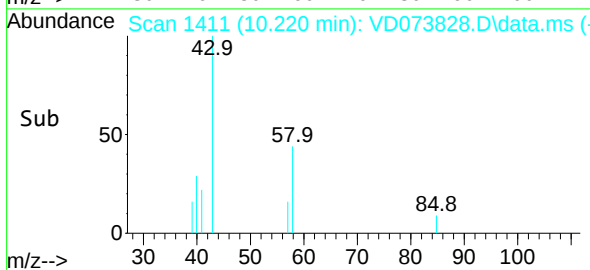
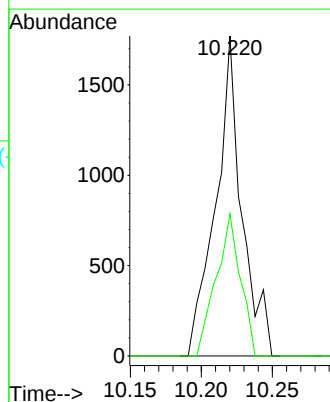
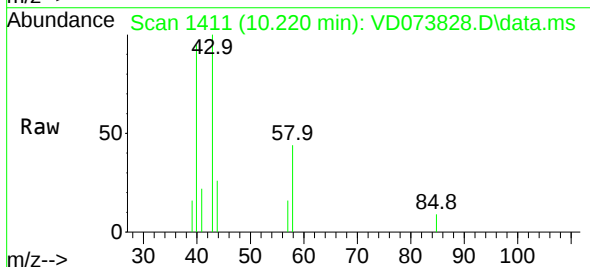
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

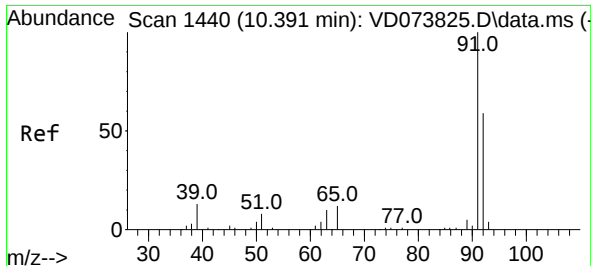
Tgt Ion: 98 Resp: 286348
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.321 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 43 Resp: 2261
Ion Ratio Lower Upper
43 100
58 41.3 29.3 43.9

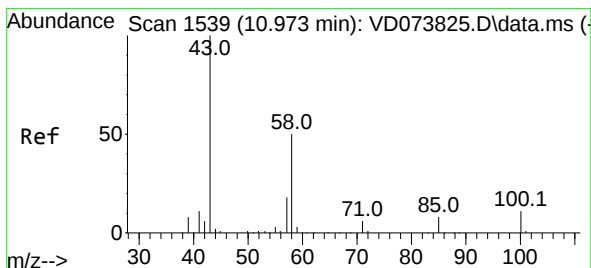
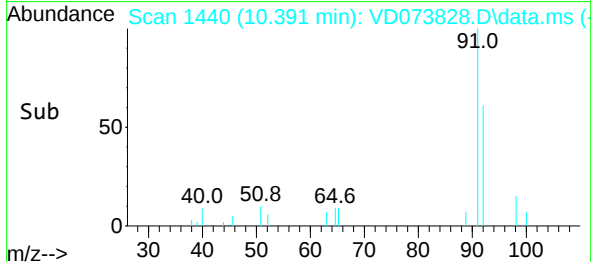
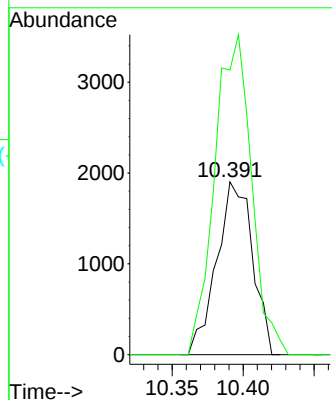
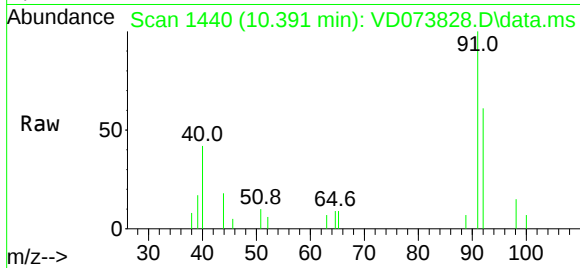




#52
Toluene
Concen: 1.099 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

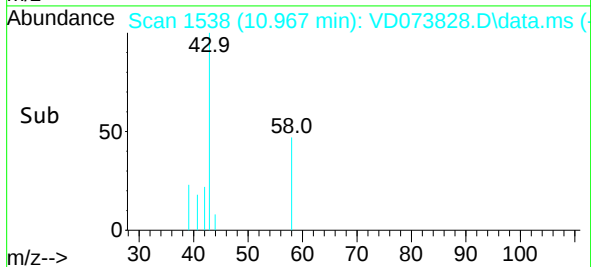
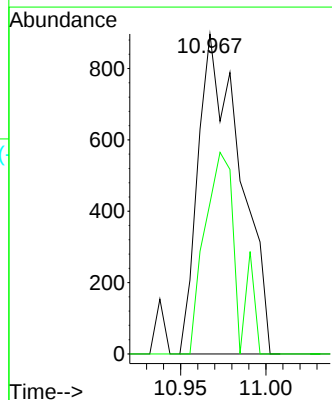
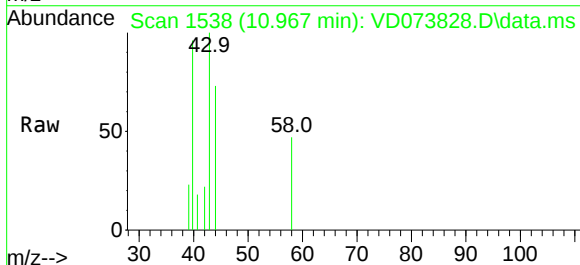
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

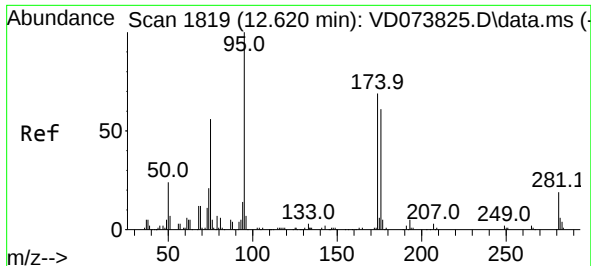
Tgt Ion: 92 Resp: 3336
Ion Ratio Lower Upper
92 100
91 190.2 138.4 207.6



#59
2-Hexanone
Concen: 2.326 ug/l
RT: 10.967 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 47.6 25.3 75.9

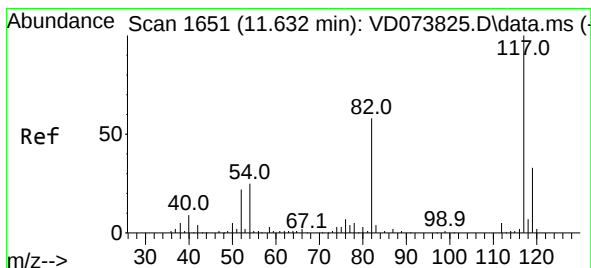
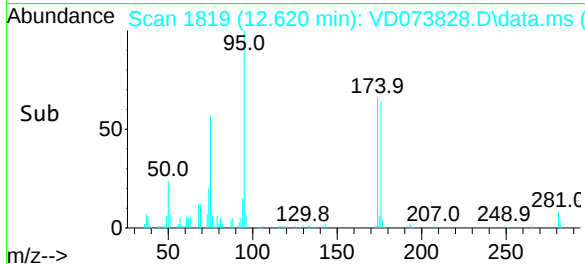
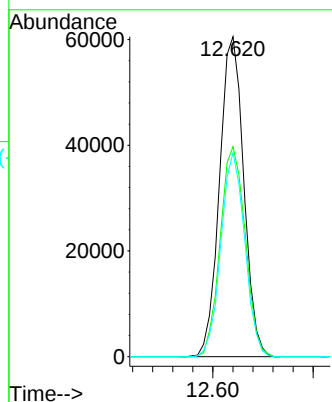
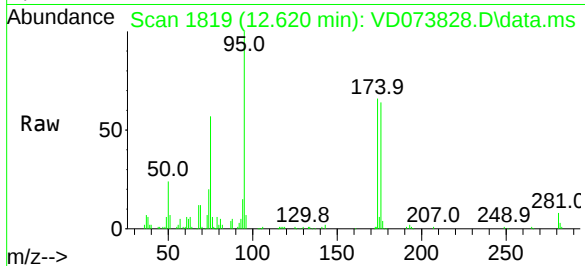




#62
4-Bromofluorobenzene
Concen: 45.735 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

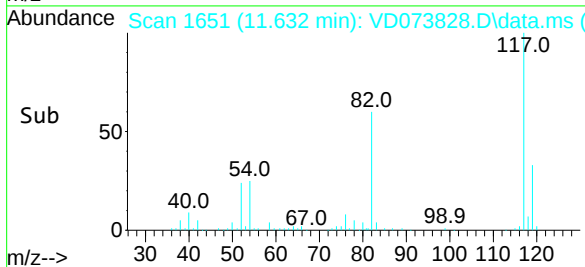
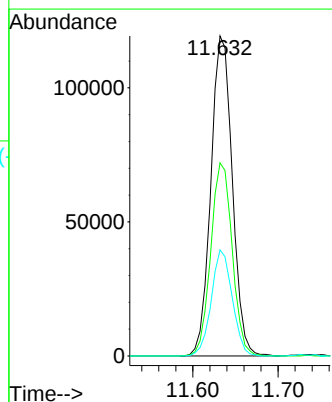
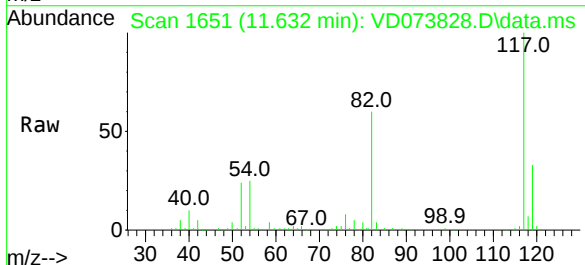
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

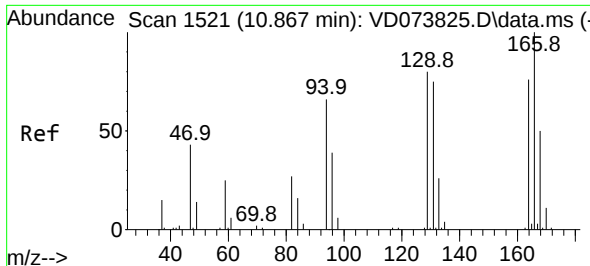
Tgt Ion: 95 Resp: 101417
Ion Ratio Lower Upper
95 100
174 68.0 0.0 131.8
176 62.9 0.0 124.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 117 Resp: 208704
Ion Ratio Lower Upper
117 100
82 60.4 46.6 69.8
119 33.2 26.1 39.1

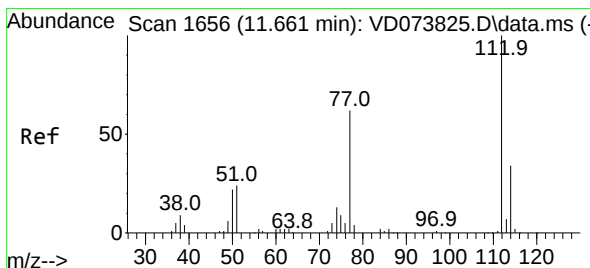
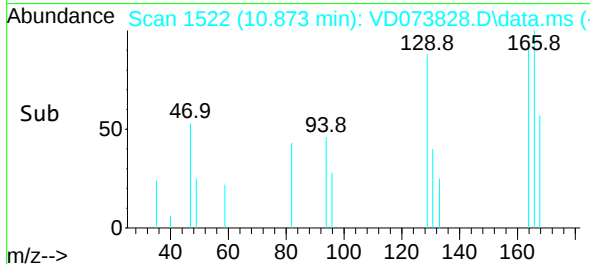
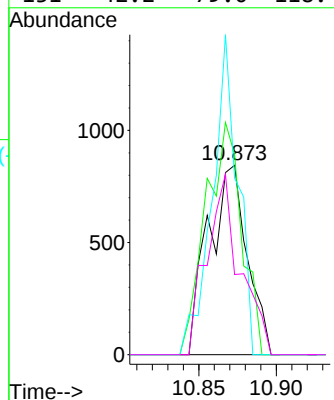
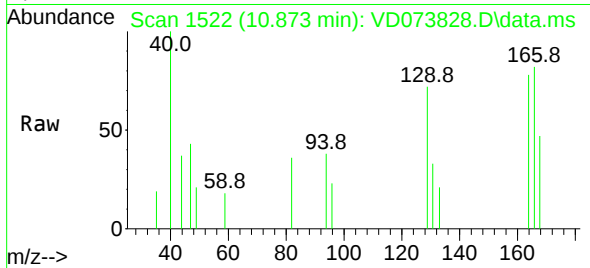




#64
Tetrachloroethene
Concen: 1.637 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

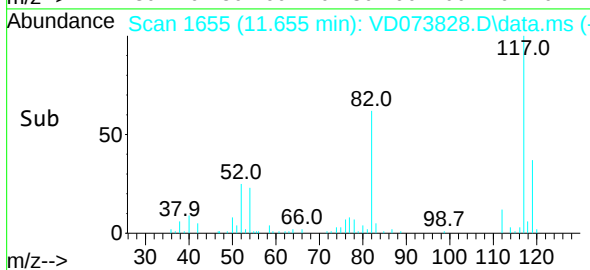
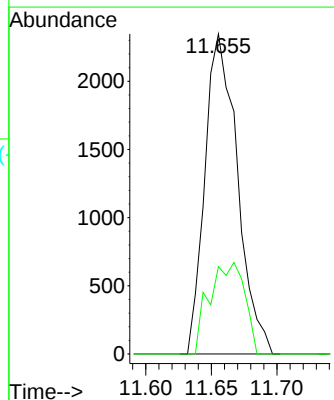
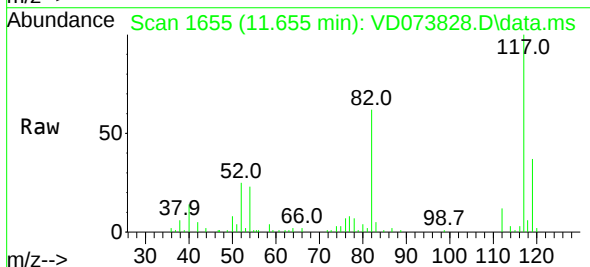
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

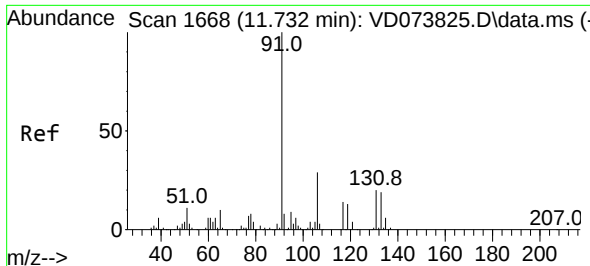
Tgt Ion:164 Resp: 1471
Ion Ratio Lower Upper
164 100
166 105.6 105.0 157.6
129 93.1 83.8 125.8
131 42.2 79.0 118.4#



#65
Chlorobenzene
Concen: 1.171 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion:112 Resp: 4041
Ion Ratio Lower Upper
112 100
114 27.3 27.1 40.7

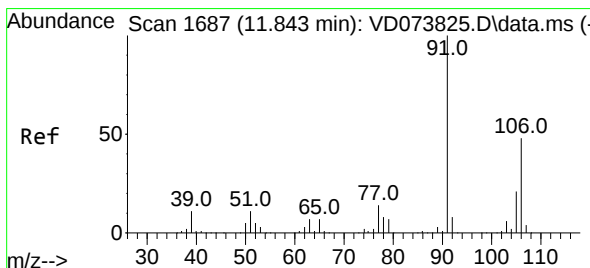
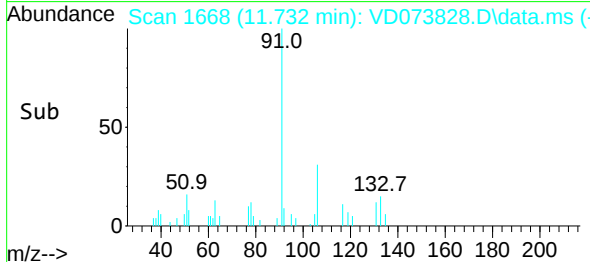
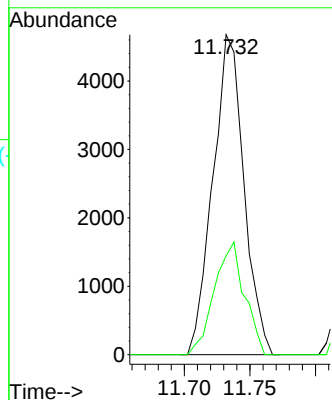
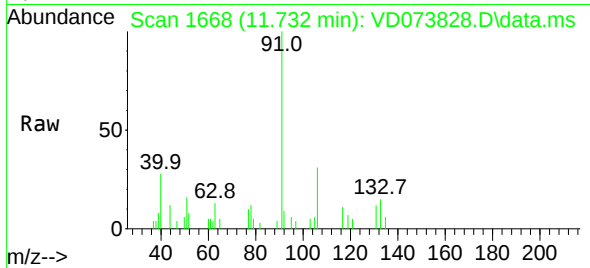




#67
Ethyl Benzene
Concen: 1.196 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

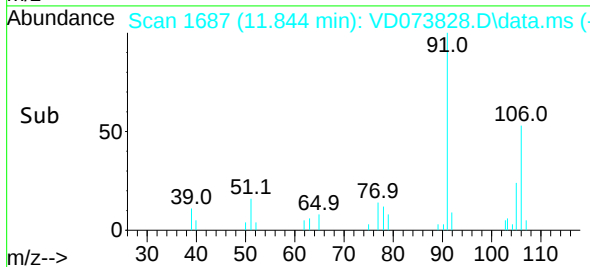
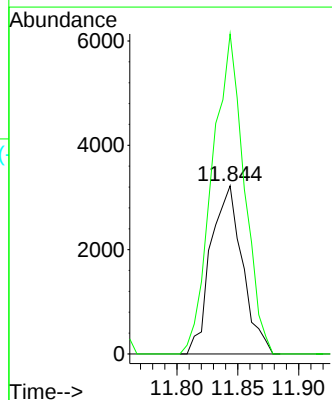
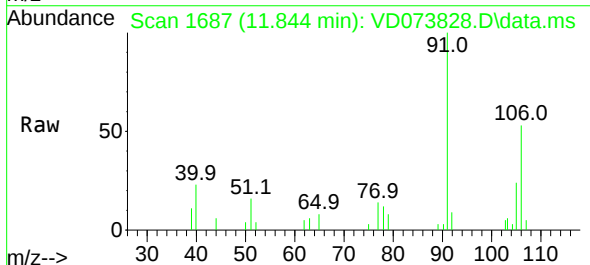
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

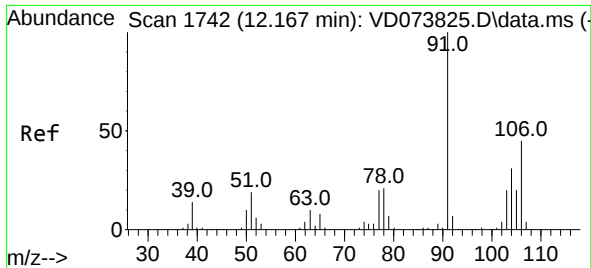
Tgt Ion: 91 Resp: 7697
Ion Ratio Lower Upper
91 100
106 30.9 23.2 34.8



#68
m/p-Xylenes
Concen: 2.466 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 106 Resp: 5821
Ion Ratio Lower Upper
106 100
91 192.3 167.0 250.4

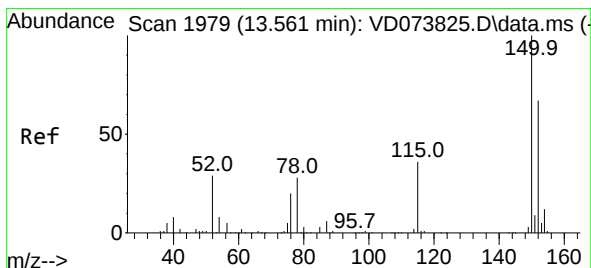
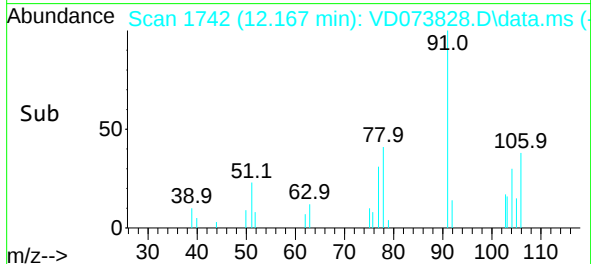
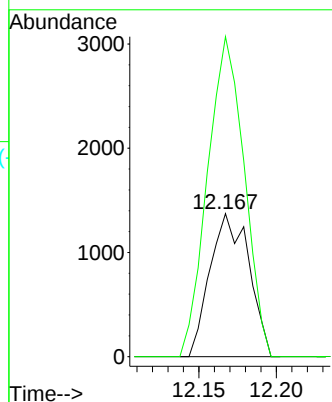
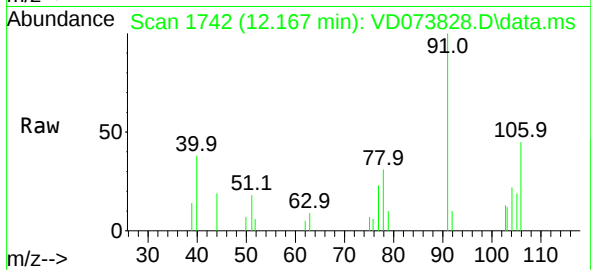




#69
o-Xylene
Concen: 1.026 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

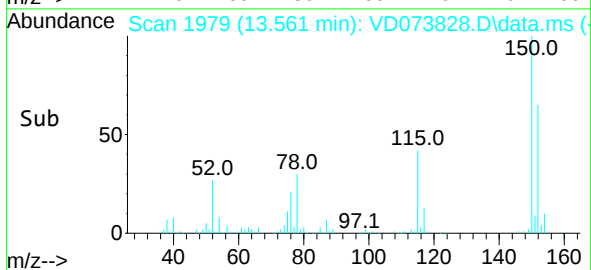
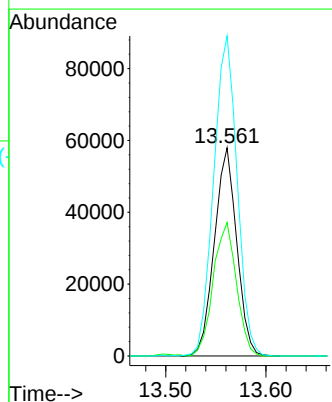
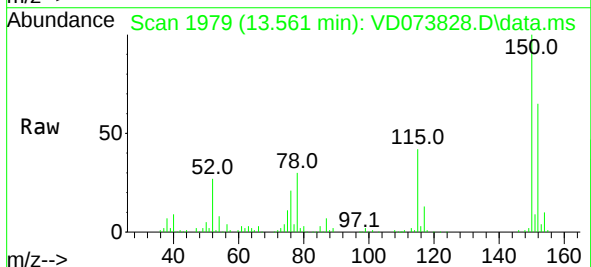
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

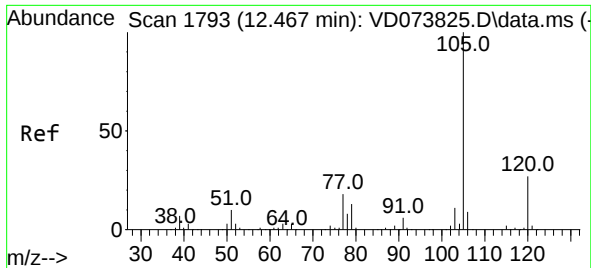
Tgt Ion:106 Resp: 2402
Ion Ratio Lower Upper
106 100
91 210.4 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion:152 Resp: 89774
Ion Ratio Lower Upper
152 100
115 66.3 33.5 100.5
150 161.3 0.0 343.2

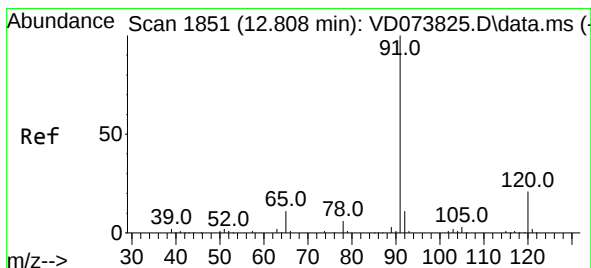
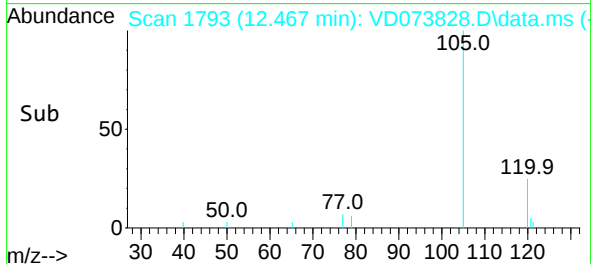
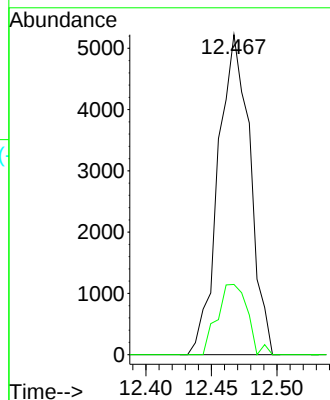
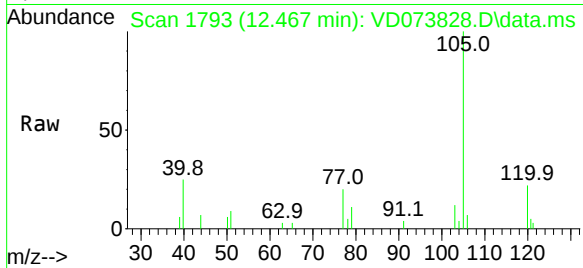




#73
Isopropylbenzene
Concen: 1.434 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

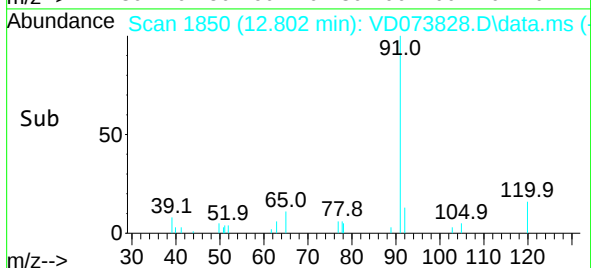
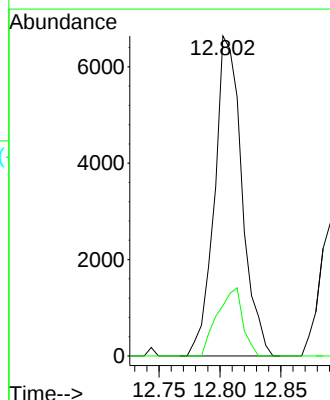
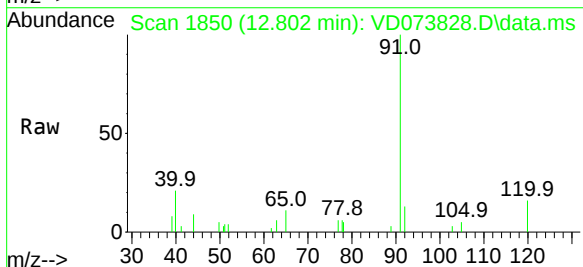
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

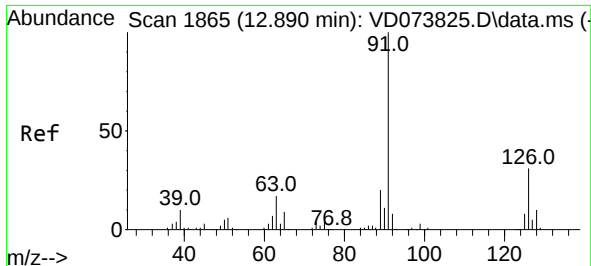
Tgt Ion:105 Resp: 8798
Ion Ratio Lower Upper
105 100
120 20.8 13.2 39.5



#78
n-propylbenzene
Concen: 1.344 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 91 Resp: 10412
Ion Ratio Lower Upper
91 100
120 19.6 10.5 31.6

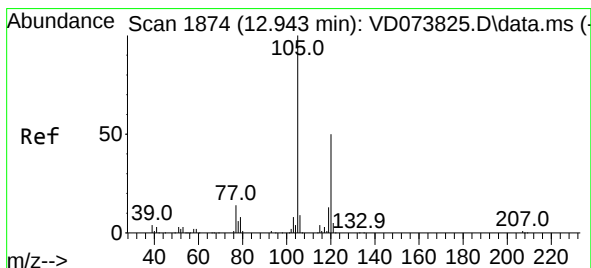
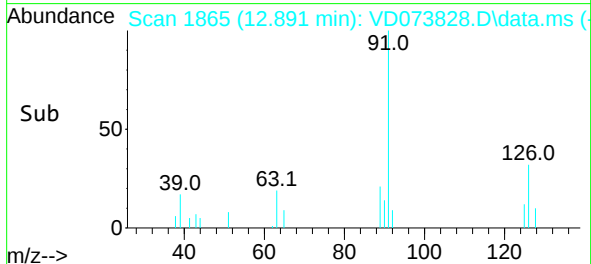
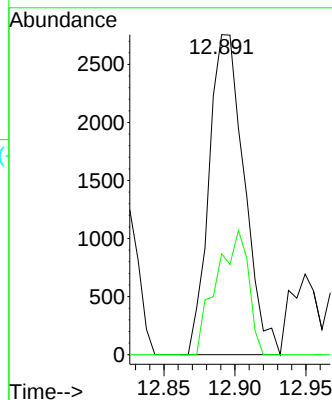
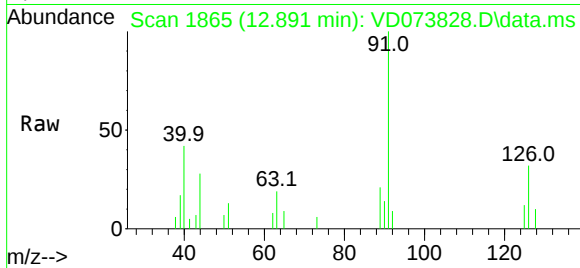




#79
2-Chlorotoluene
Concen: 1.065 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

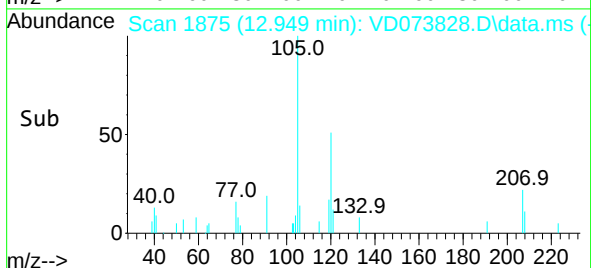
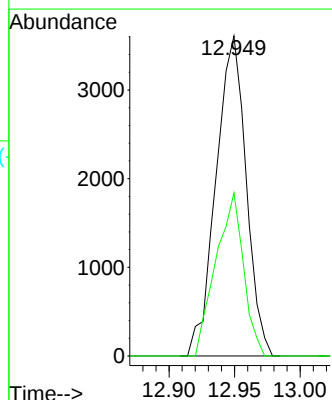
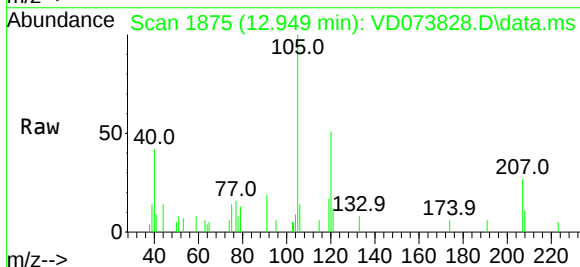
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

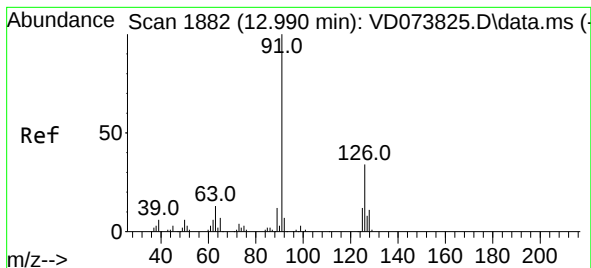
Tgt Ion: 91 Resp: 4747
Ion Ratio Lower Upper
91 100
126 35.1 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 1.127 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 105 Resp: 5764
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.4





#82

4-Chlorotoluene

Concen: 1.105 ug/l

RT: 12.991 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

Instrument :

MSVOA_D

ClientSampleId :

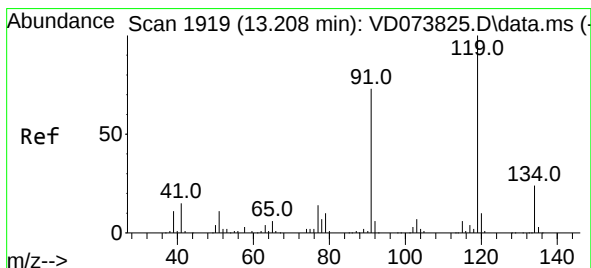
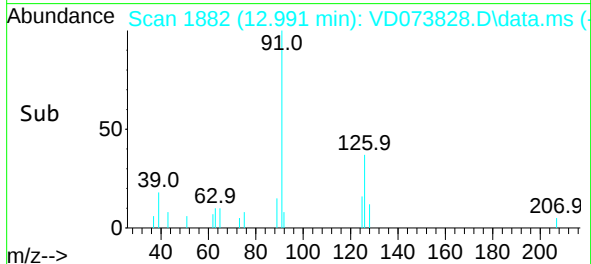
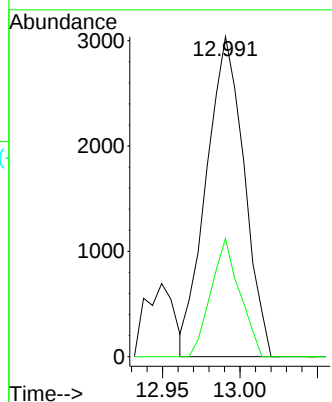
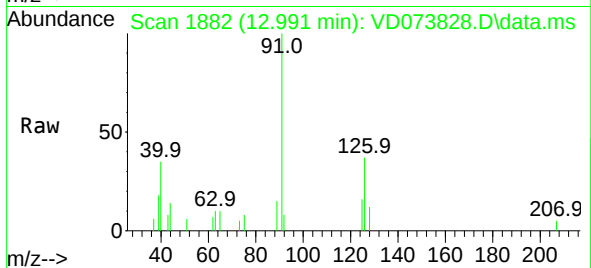
VIBLK

Tgt Ion: 91 Resp: 5151

Ion Ratio Lower Upper

91 100

126 28.1 16.2 48.5



#83

tert-Butylbenzene

Concen: 1.439 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073828.D

Acq: 11 Jul 2022 17:41

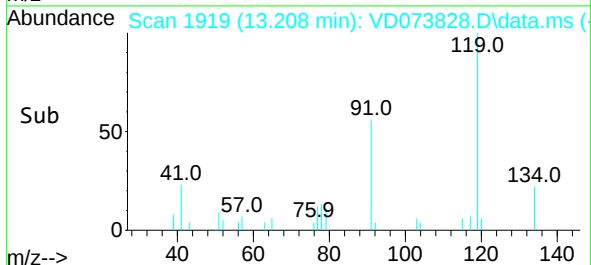
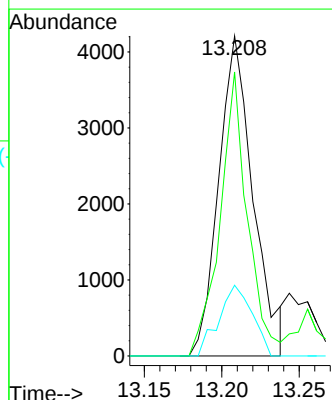
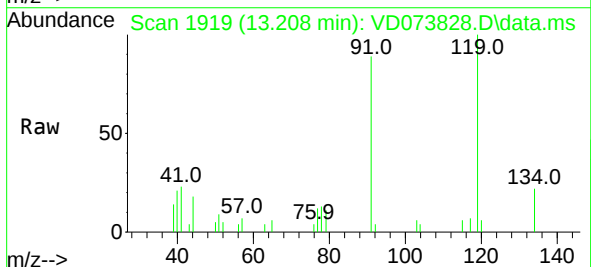
Tgt Ion: 119 Resp: 6485

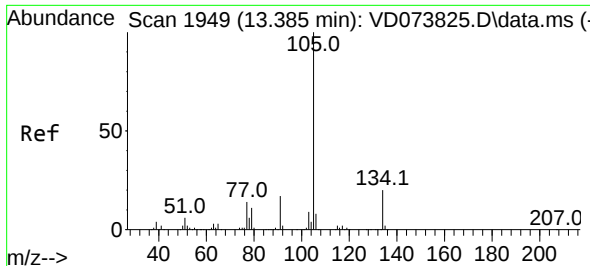
Ion Ratio Lower Upper

119 100

91 71.0 36.0 108.0

134 21.4 13.1 39.1

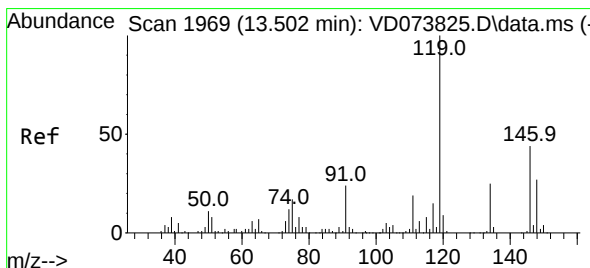
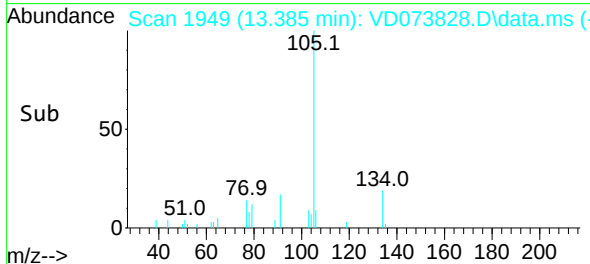
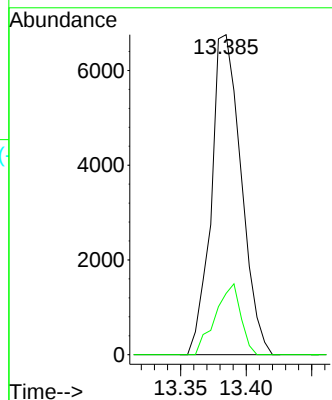
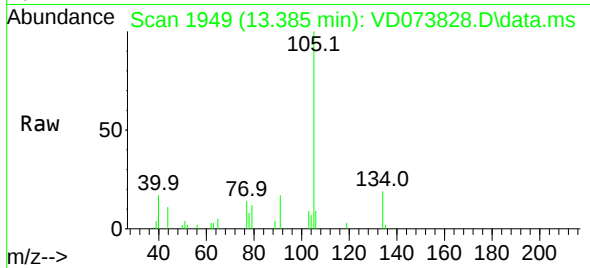




#85
 sec-Butylbenzene
 Concen: 1.532 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

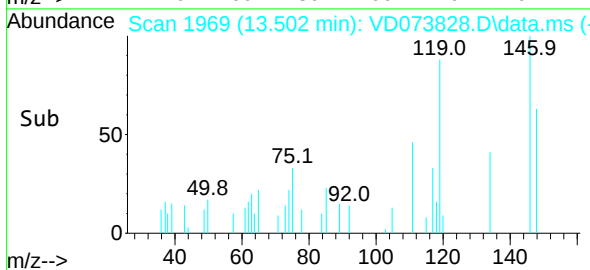
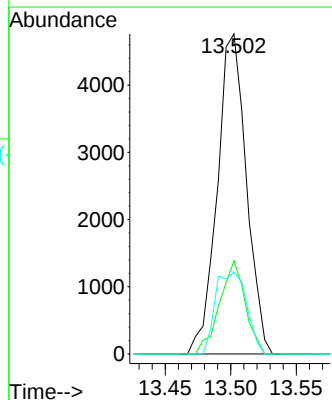
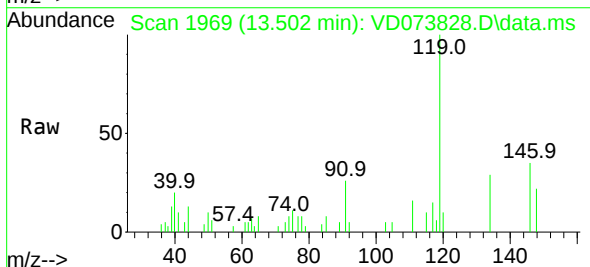
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

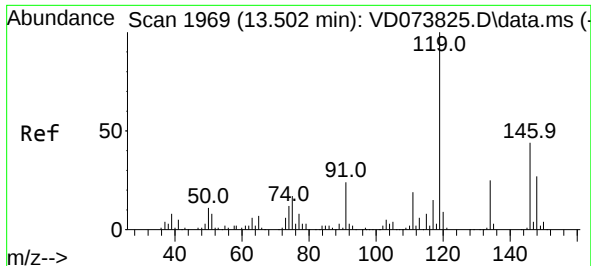
Tgt Ion:105 Resp: 10733
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 1.305 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

Tgt Ion:119 Resp: 7364
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 27.2 13.0 38.9

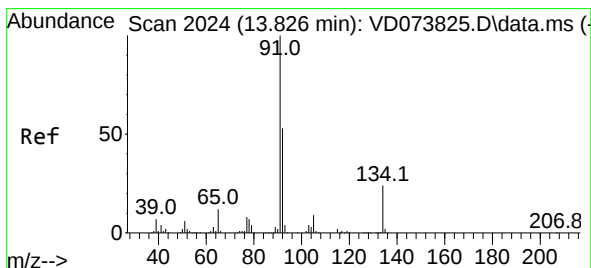
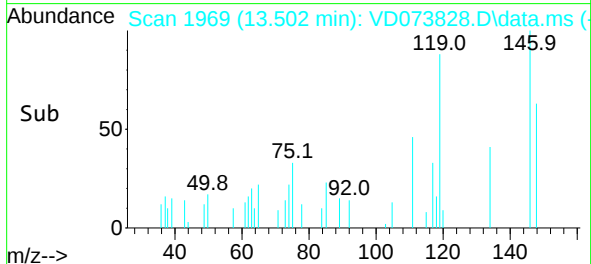
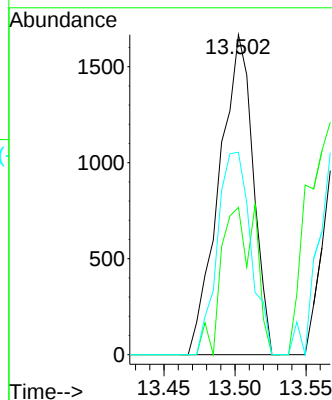
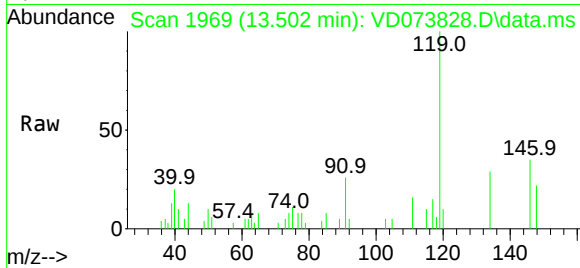




#87
1,3-Dichlorobenzene
Concen: 1.002 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

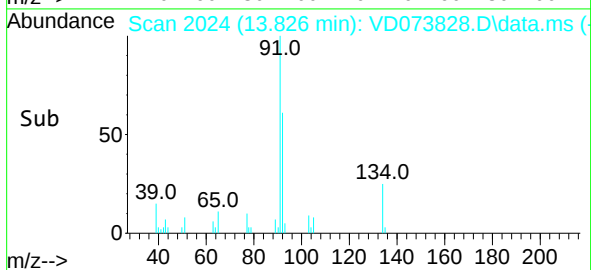
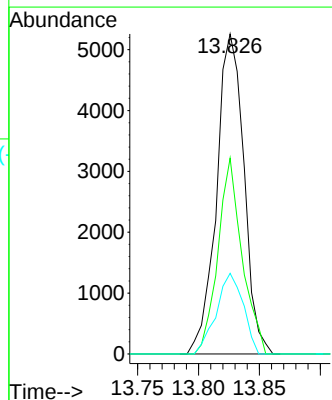
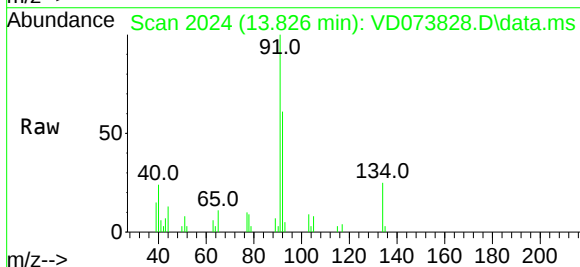
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

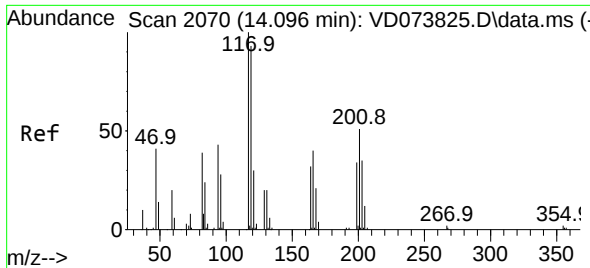
Tgt Ion:146 Resp: 2768
Ion Ratio Lower Upper
146 100
111 46.5 21.8 65.4
148 62.2 31.6 94.8



#89
n-Butylbenzene
Concen: 1.453 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion: 91 Resp: 8230
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 24.7 11.6 34.7

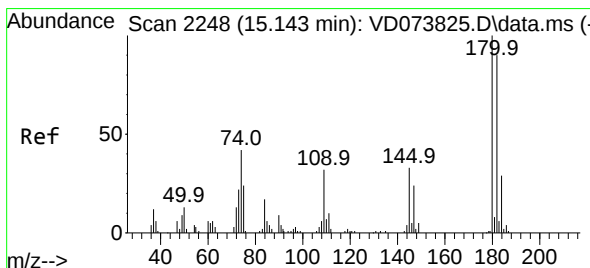
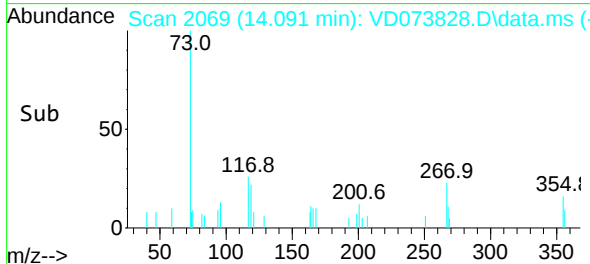
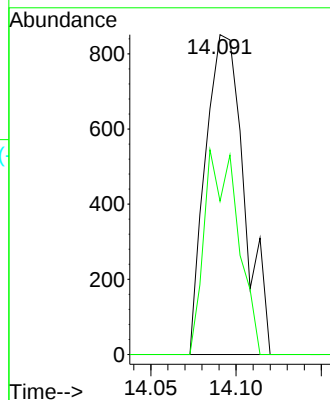
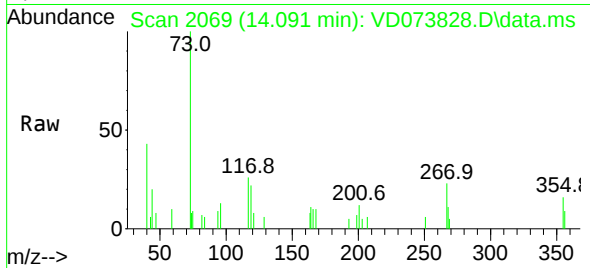




#90
Hexachloroethane
Concen: 1.226 ug/l
RT: 14.091 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

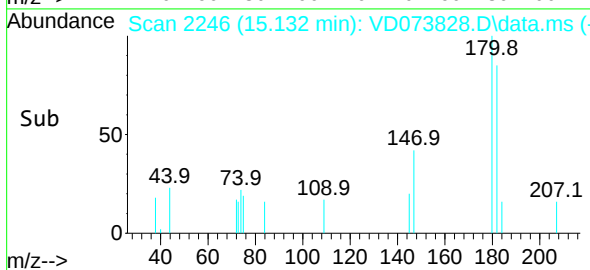
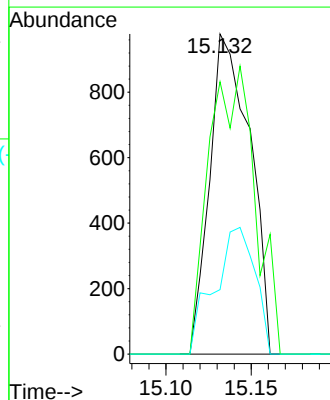
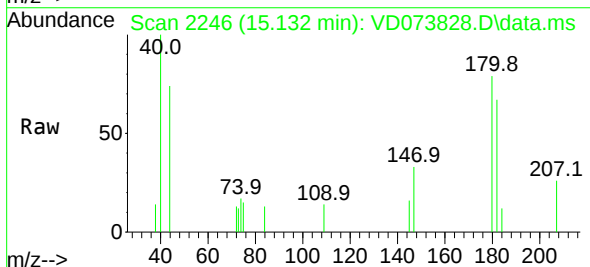
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

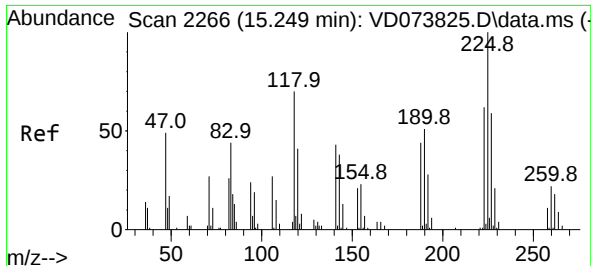
Tgt Ion:117 Resp: 1339
Ion Ratio Lower Upper
117 100
201 55.5 26.7 80.0



#93
1,2,4-Trichlorobenzene
Concen: 1.157 ug/l
RT: 15.132 min Scan# 2246
Delta R.T. -0.012 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion:180 Resp: 1604
Ion Ratio Lower Upper
180 100
182 103.1 46.9 140.8
145 40.2 17.0 51.0

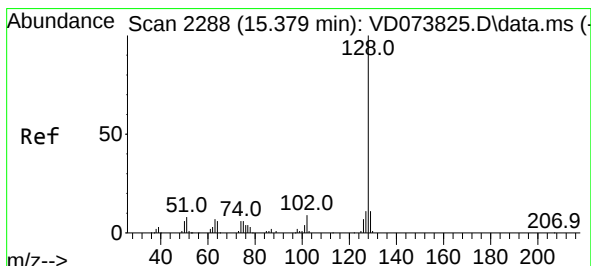
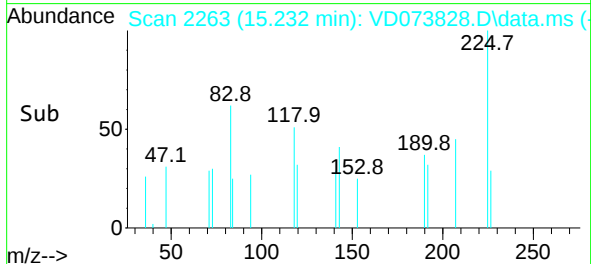
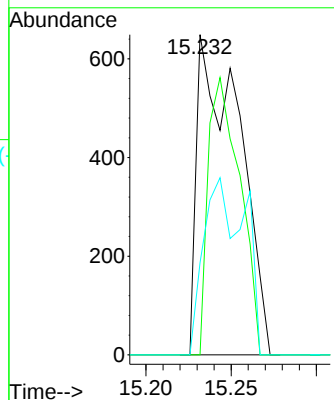
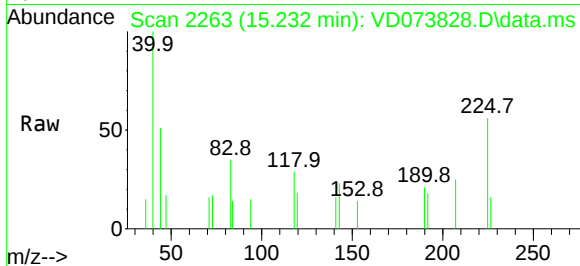




#94
Hexachlorobutadiene
Concen: 1.702 ug/l
RT: 15.232 min Scan# 211
Delta R.T. -0.018 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

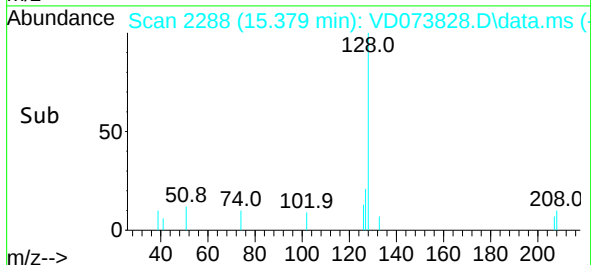
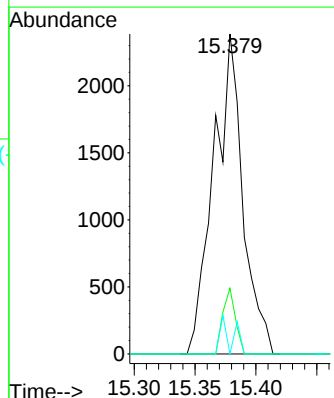
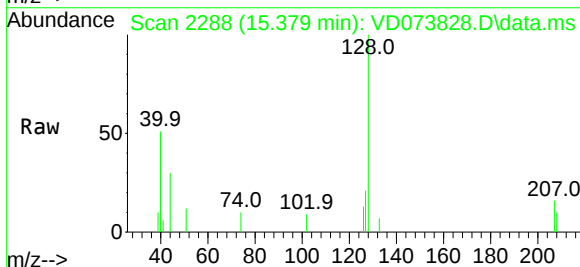
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

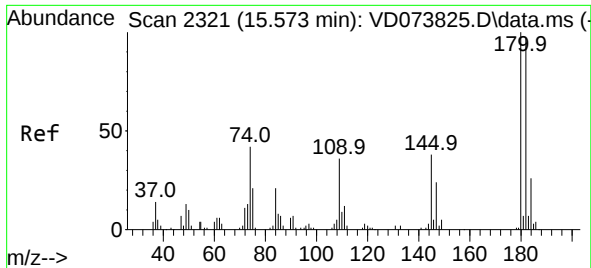
Tgt Ion:	225	Resp:	1123
Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.8	95.3
227	52.9	31.4	94.2



#95
Naphthalene
Concen: 1.314 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073828.D
Acq: 11 Jul 2022 17:41

Tgt Ion:	128	Resp:	3979
Ion	Ratio	Lower	Upper
128	100		
127	8.9	10.3	15.5#
129	4.7	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.139 ug/l
 RT: 15.567 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073828.D
 Acq: 11 Jul 2022 17:41

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion:180 Resp: 1373
 Ion Ratio Lower Upper
 180 100
 182 81.1 47.4 142.3
 145 36.1 18.9 56.9

