

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007412.D
 Acq On : 07 Feb 2022 14:54
 Operator : SY/MD
 Sample : N1387-07RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24801RE

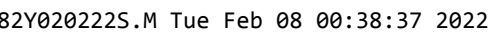
Quant Time: Feb 08 00:38:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

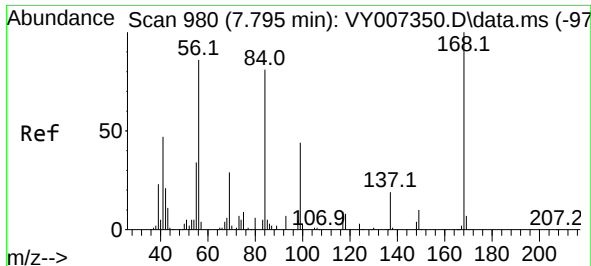
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	21890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11512	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.716	113	12146	49.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.185	98	44712	49.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.483	95	11700	37.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	166	Below Cal	#	44
5) Bromomethane	2.674	94	209	1.142	ug/l #	48
11) Tert butyl alcohol	4.948	59	66	Below Cal	#	77
16) Acetone	3.954	43	381	4.659	ug/l #	47
20) Methylene Chloride	4.716	84	1323	2.826	ug/l #	89
31) Cyclohexane	7.795	56	537	1.093	ug/l #	33
36) 1,1-Dichloropropene	7.789	75	1982	4.614	ug/l #	49
38) Carbon Tetrachloride	7.795	117	2622	5.810	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	230	1.136	ug/l #	1
52) Toluene	10.246	92	1408	1.963	ug/l	98
68) m/p-Xylenes	11.709	106	548	1.183	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	6189	59.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6189	120.008	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.440	180	151	1.058	ug/l	66

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

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Response via : Initial Calibration

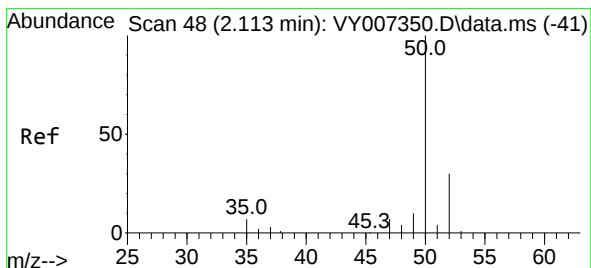
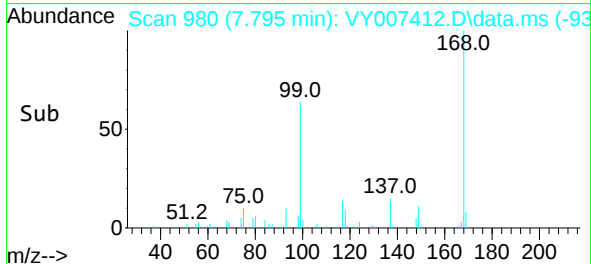
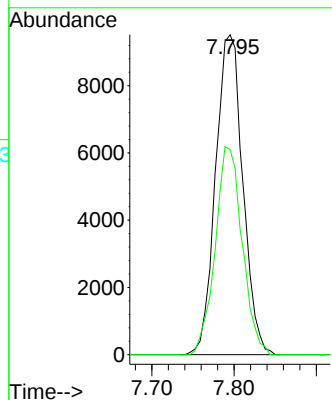
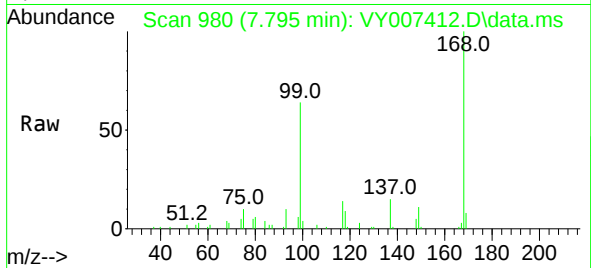




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

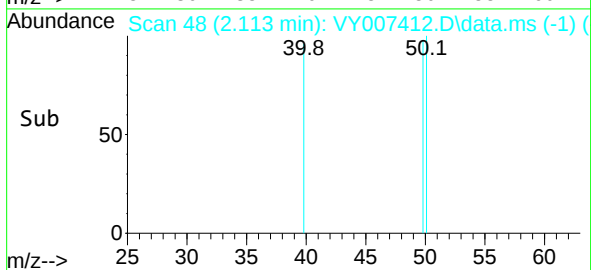
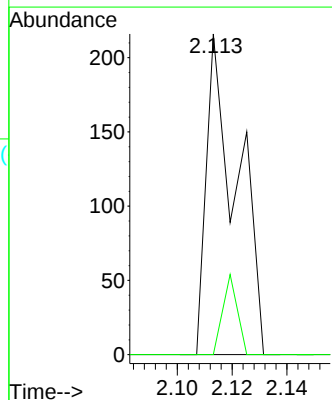
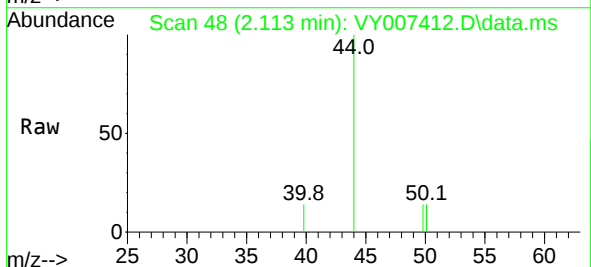
Instrument :
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ClientSampleId :
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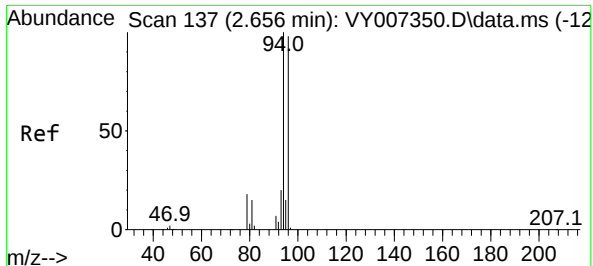
Tgt Ion:168 Resp: 21890
Ion Ratio Lower Upper
168 100
99 64.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 50 Resp: 166
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

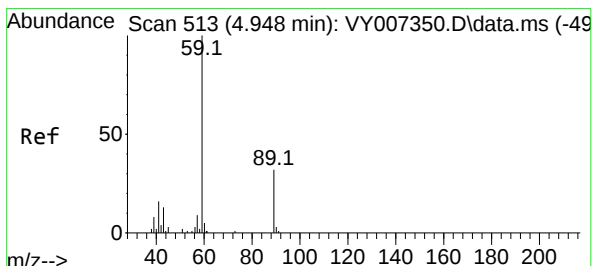
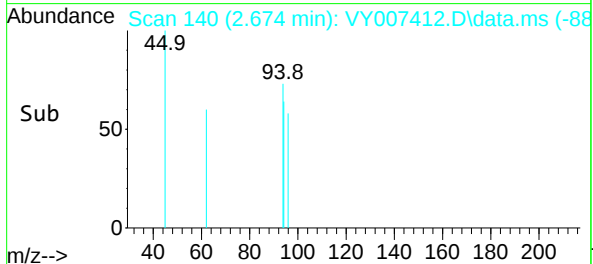
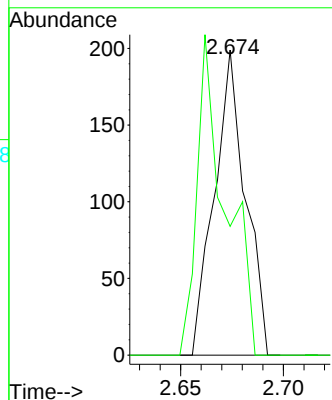
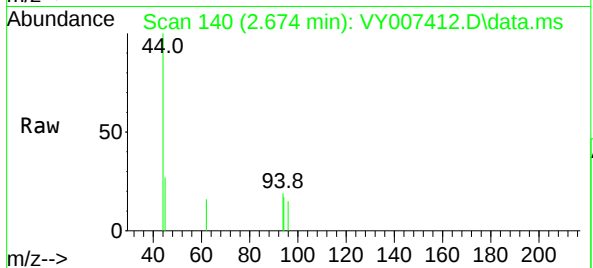




#5
Bromomethane
Concen: 1.142 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

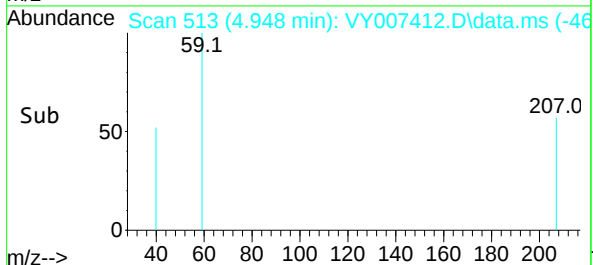
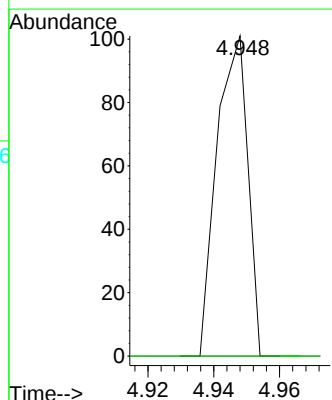
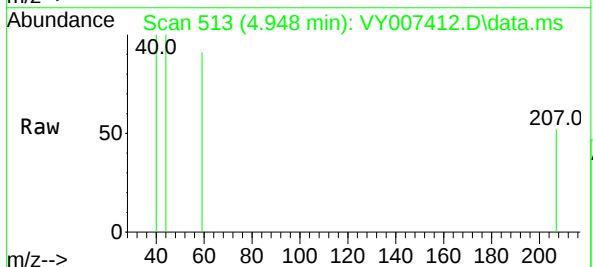
Instrument :
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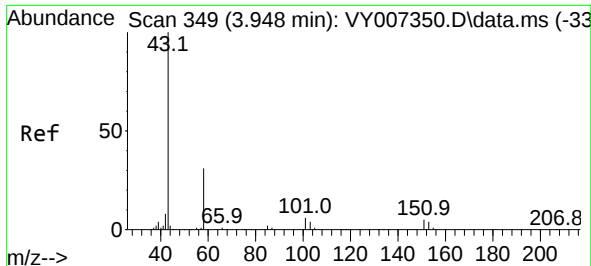
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 42.2 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

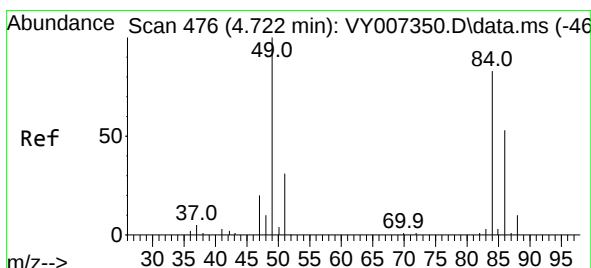
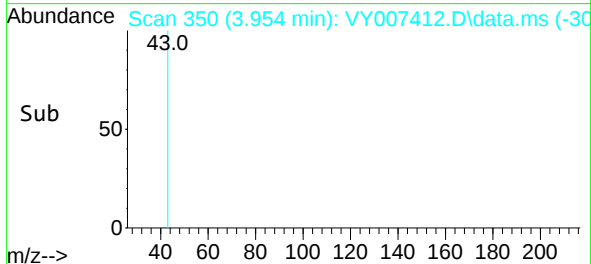
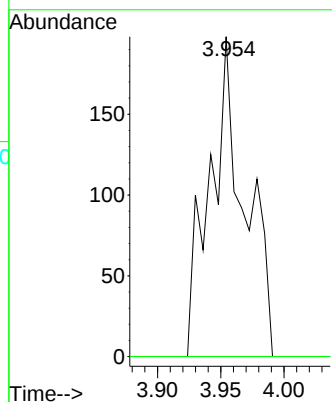
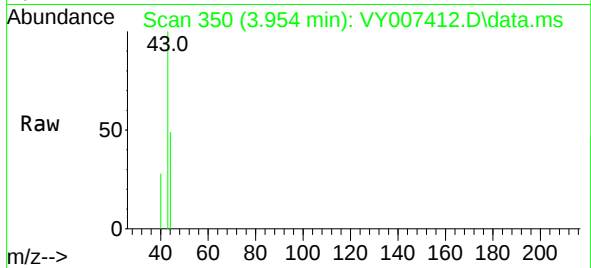




#16
Acetone
Concen: 4.659 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

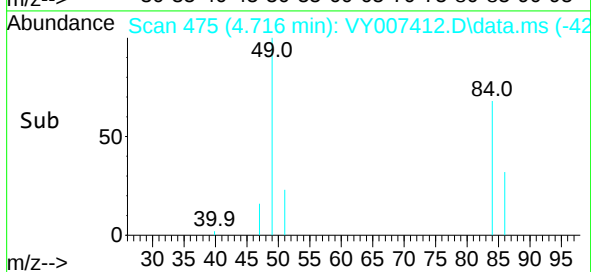
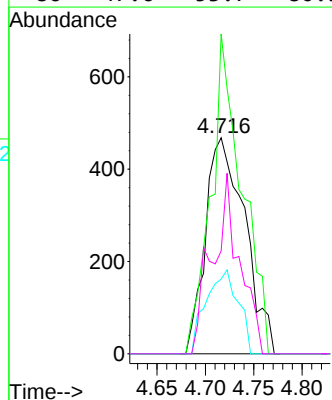
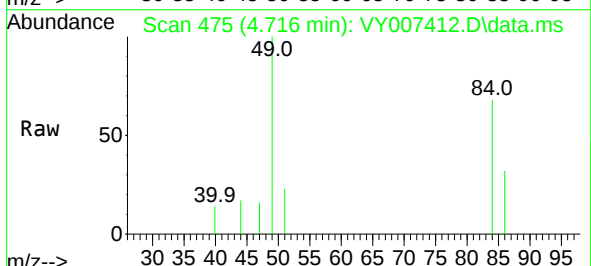
Instrument :
MSVOA_Y
ClientSampleId :
24801RE

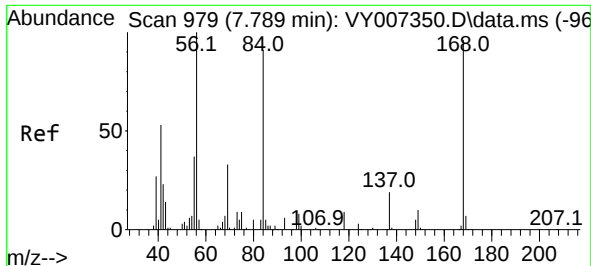
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 2.826 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 84 Resp: 1323
Ion Ratio Lower Upper
84 100
49 148.1 114.4 171.6
51 34.6 35.3 52.9#
86 47.6 53.7 80.5#





#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007412.D

Acq: 07 Feb 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

24801RE

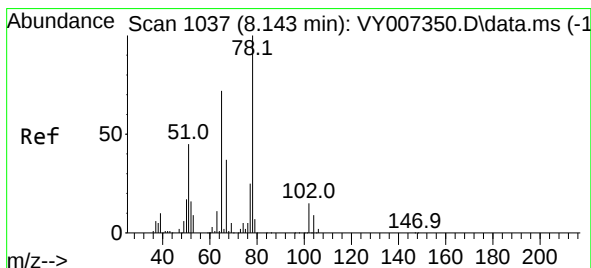
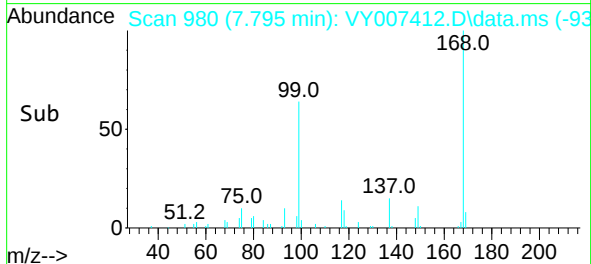
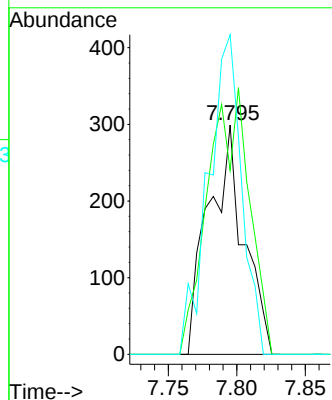
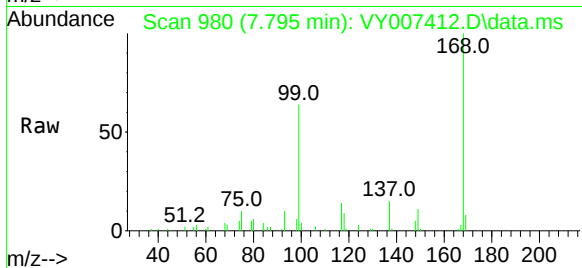
Tgt Ion: 56 Resp: 537

Ion Ratio Lower Upper

56 100

69 80.3 26.7 40.1#

84 139.5 67.2 100.8#



#33

1,2-Dichloroethane-d4

Concen: 45.721 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007412.D

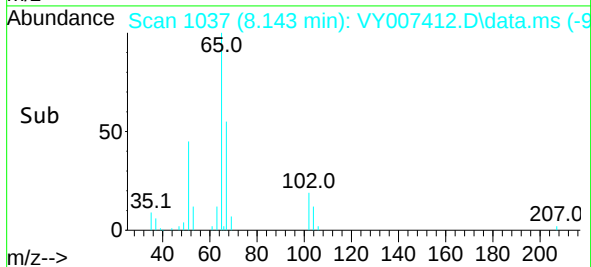
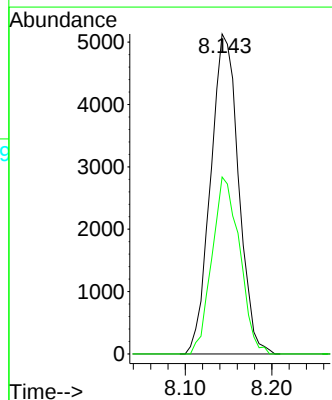
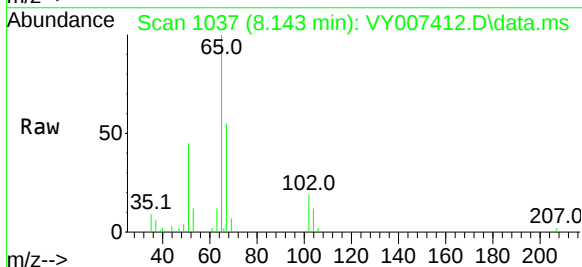
Acq: 07 Feb 2022 14:54

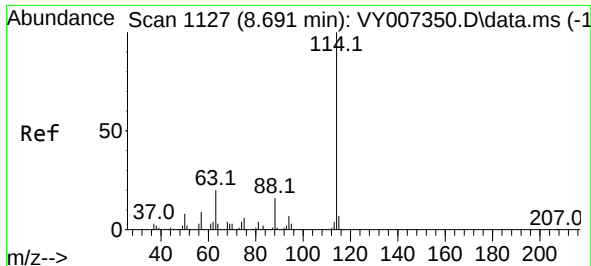
Tgt Ion: 65 Resp: 11512

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4

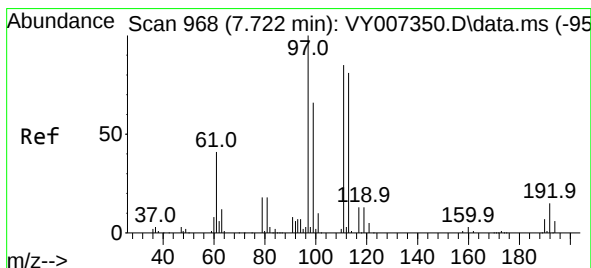
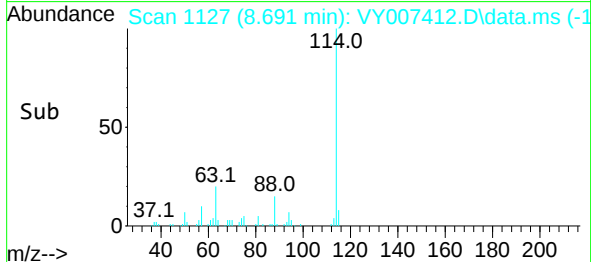
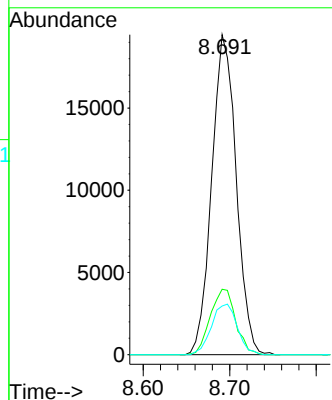
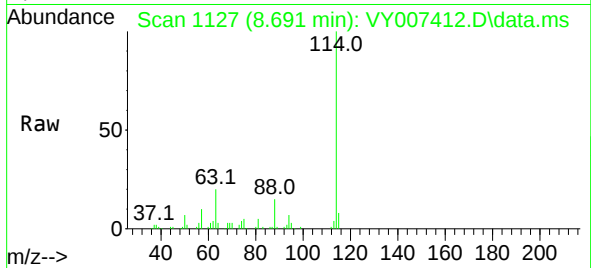




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

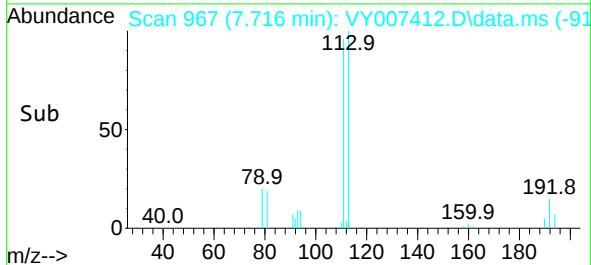
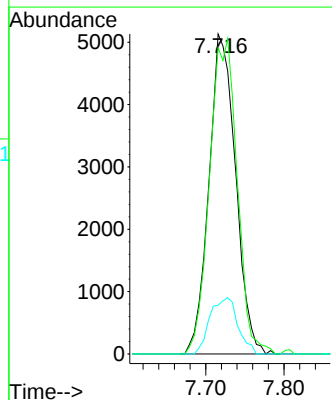
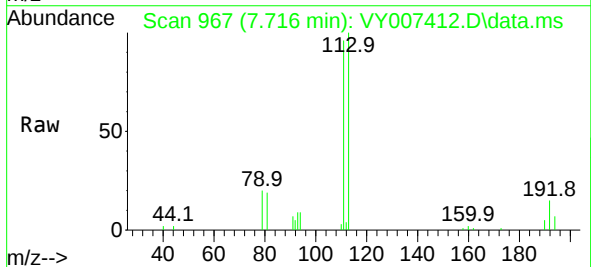
Instrument :
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24801RE

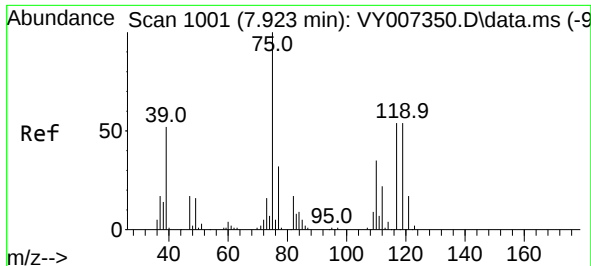
Tgt Ion:114 Resp: 38262
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.435 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion:113 Resp: 12146
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.614 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007412.D

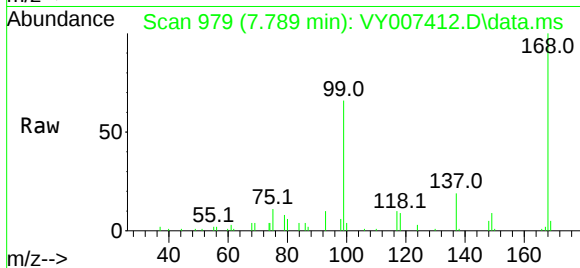
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Instrument :

MSVOA_Y

ClientSampleId :

24801RE



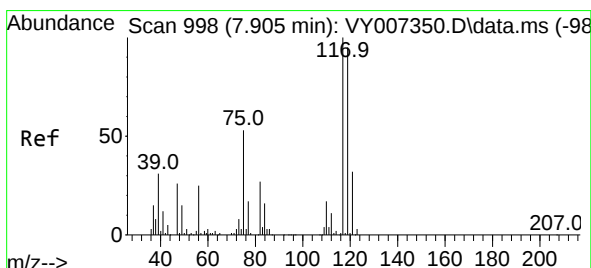
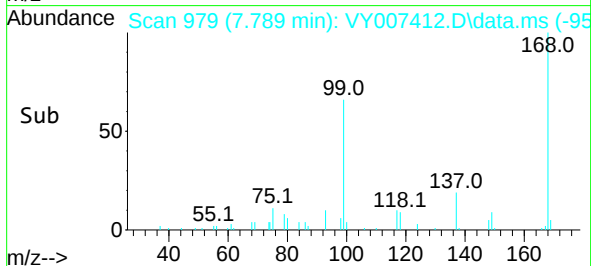
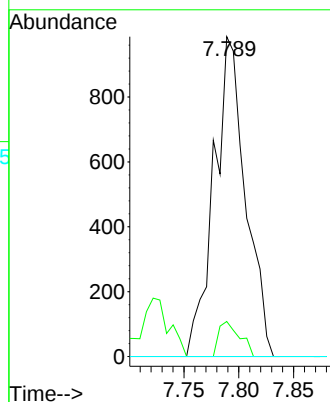
Tgt Ion: 75 Resp: 1982

Ion Ratio Lower Upper

75 100

110 7.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.810 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007412.D

Acq: 07 Feb 2022 14:54

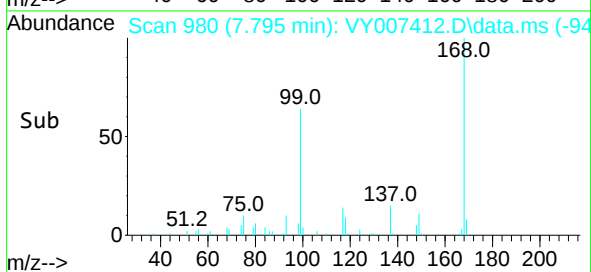
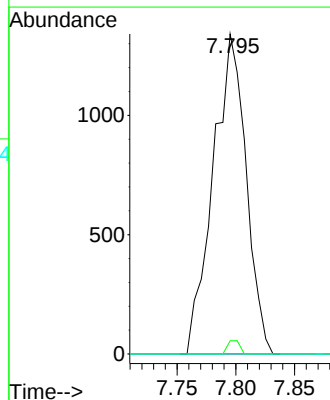
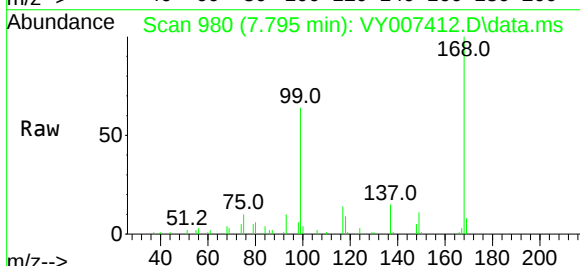
Tgt Ion: 117 Resp: 2622

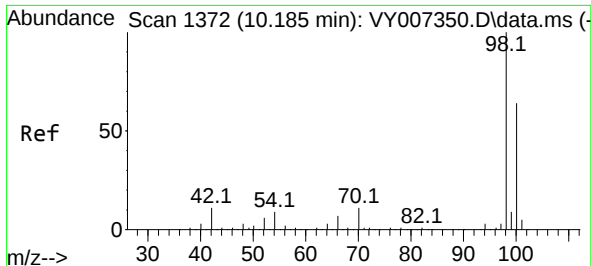
Ion Ratio Lower Upper

117 100

119 4.1 77.9 116.9#

121 0.0 24.8 37.2#

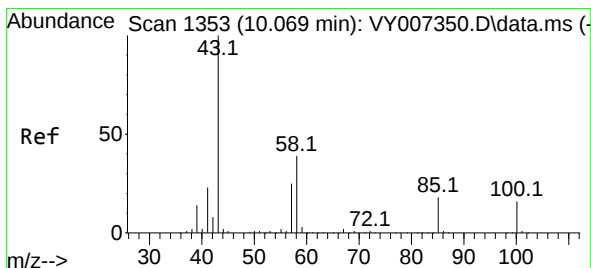
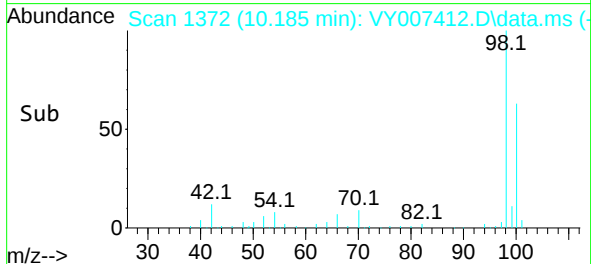
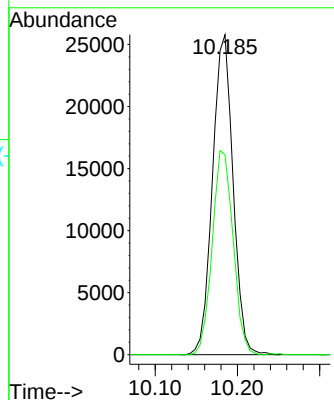
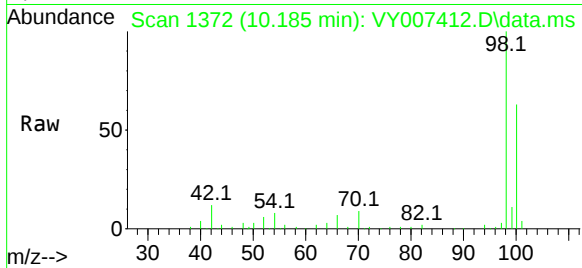




#50
Toluene-d8
Concen: 49.257 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

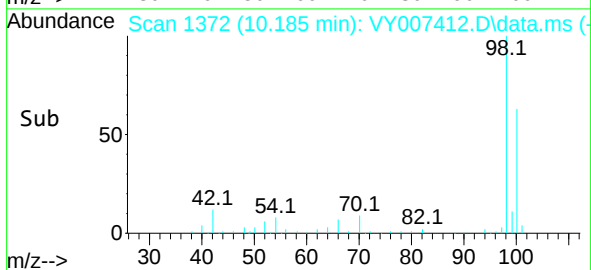
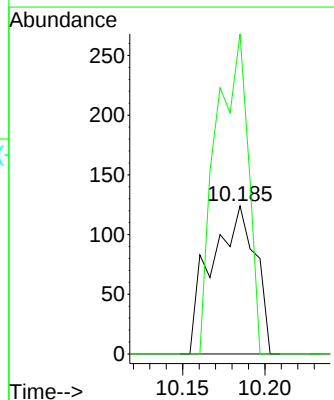
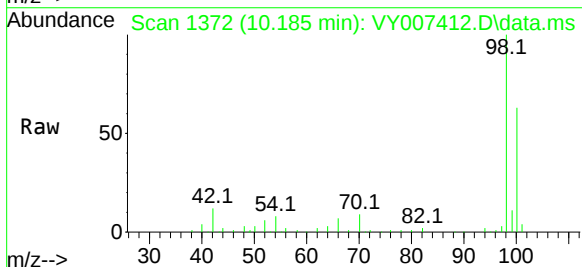
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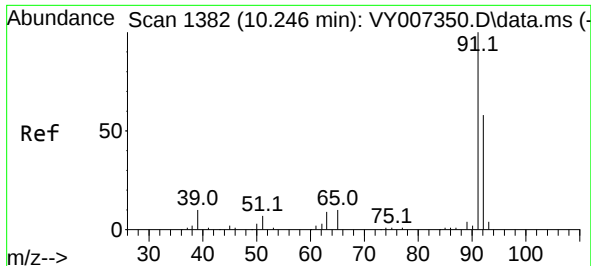
Tgt Ion: 98 Resp: 44712
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.136 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.116 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 43 Resp: 230
Ion Ratio Lower Upper
43 100
58 157.4 28.1 42.1#

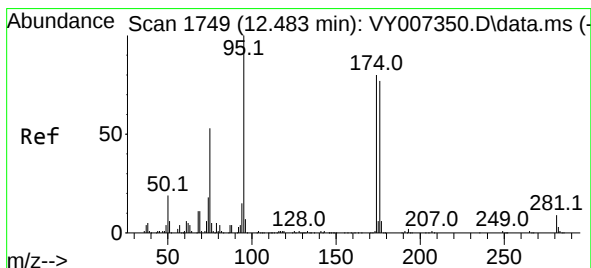
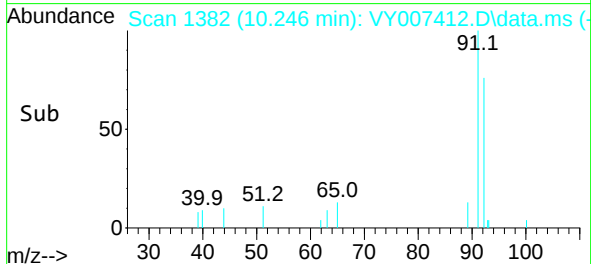
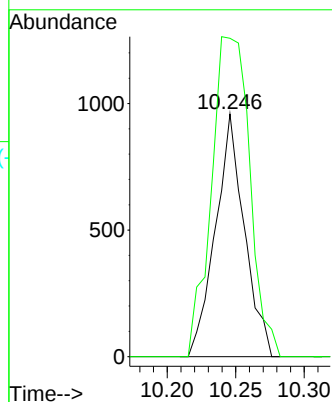
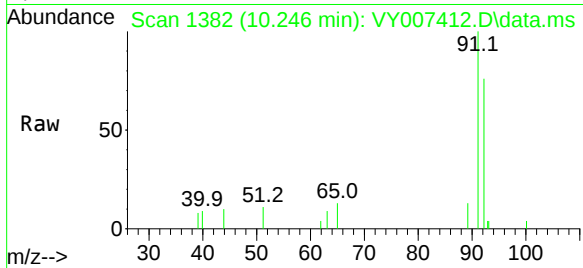




#52
Toluene
Concen: 1.963 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

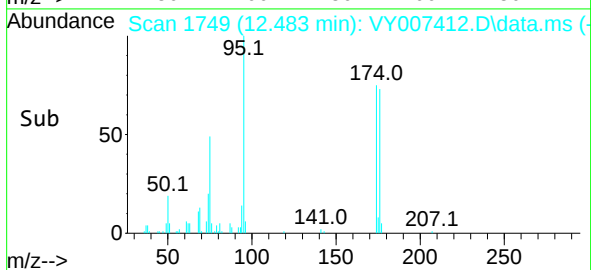
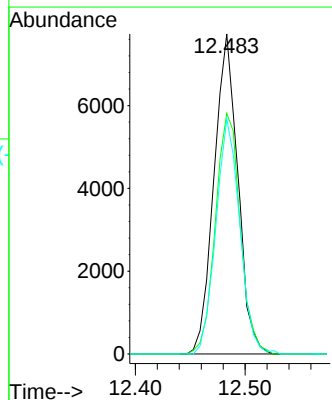
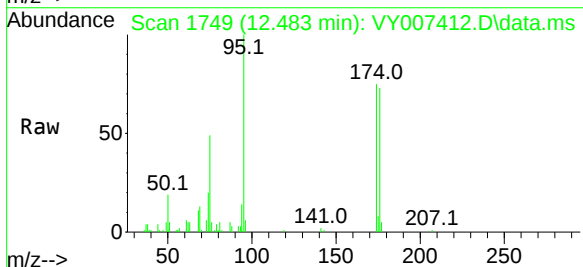
Instrument :
MSVOA_Y
ClientSampleId :
24801RE

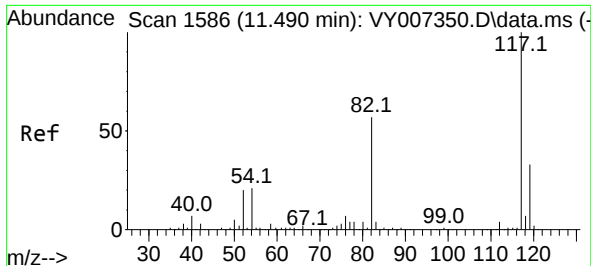
Tgt Ion: 92 Resp: 1408
Ion Ratio Lower Upper
92 100
91 175.1 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 37.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 95 Resp: 11700
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 73.3 0.0 175.8

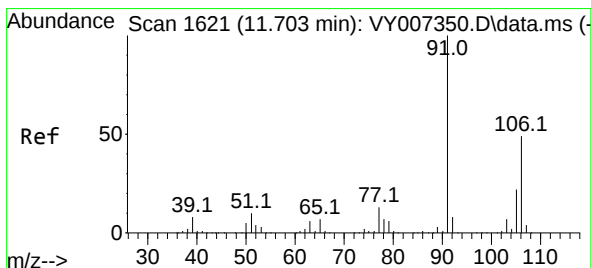
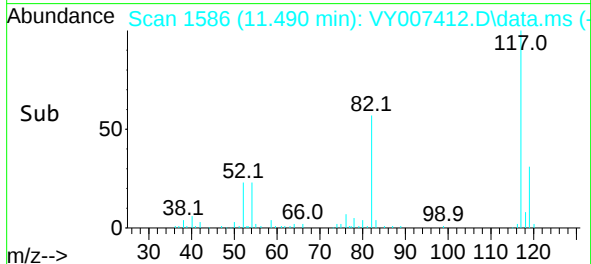
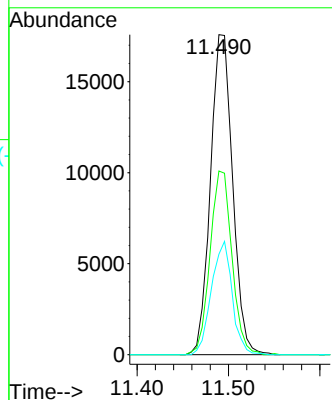
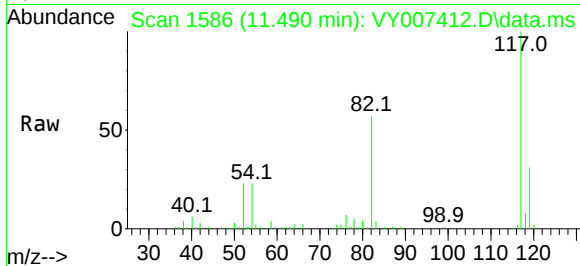




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

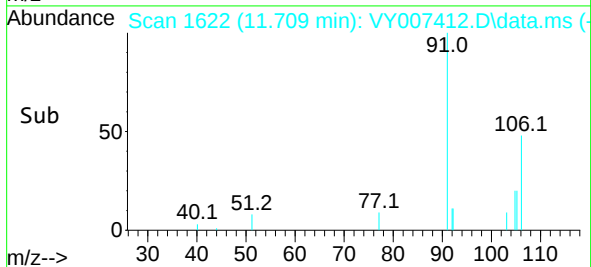
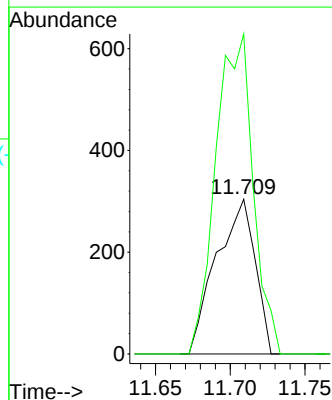
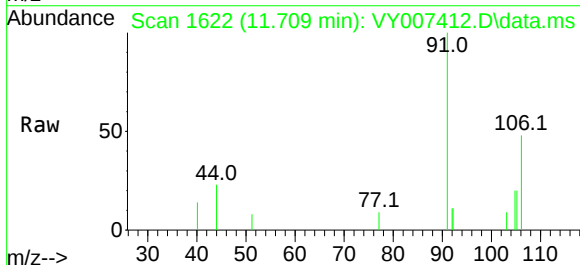
Instrument :
MSVOA_Y
ClientSampleId :
24801RE

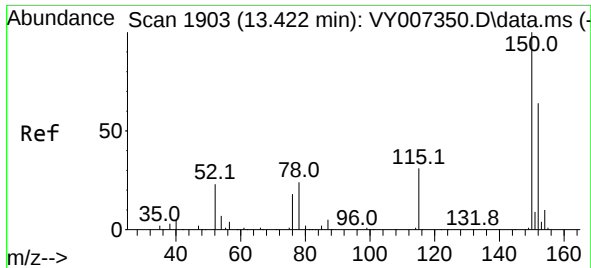
Tgt Ion:117 Resp: 29621
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 1.183 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion:106 Resp: 548
Ion Ratio Lower Upper
106 100
91 199.1 166.6 249.8

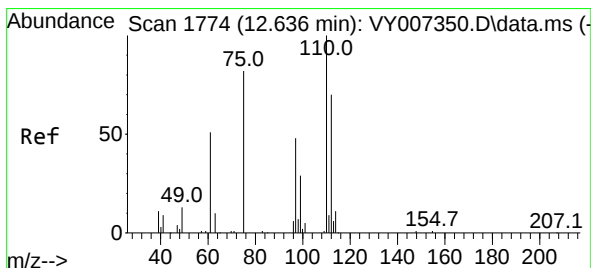
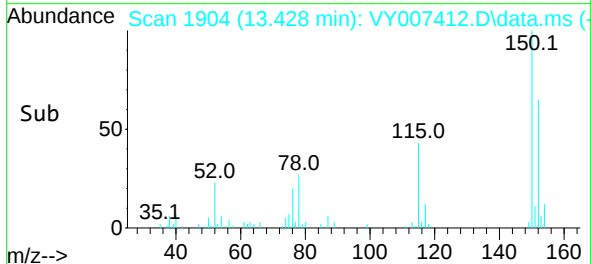
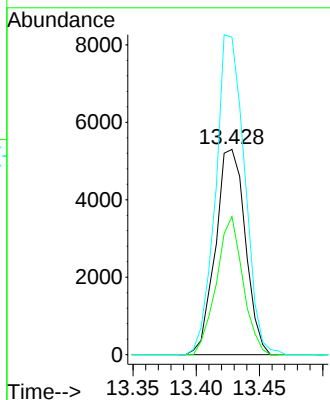
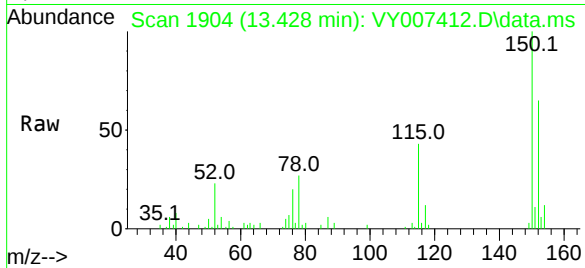




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007412.D
 Acq: 07 Feb 2022 14:54

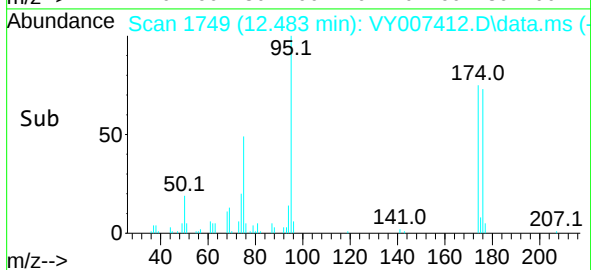
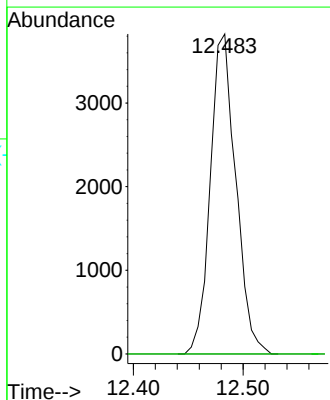
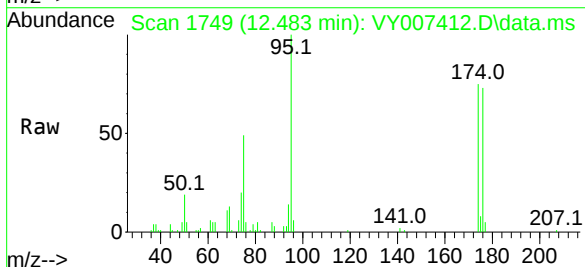
Instrument :
 MSVOA_Y
 ClientSampleId :
 24801RE

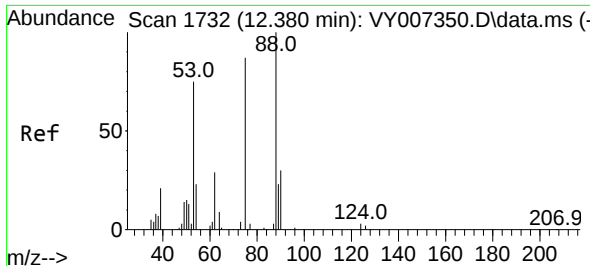
Tgt Ion:152 Resp: 8691
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.2 84.7
 150 151.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 59.901 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007412.D
 Acq: 07 Feb 2022 14:54

Tgt Ion: 75 Resp: 6189
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

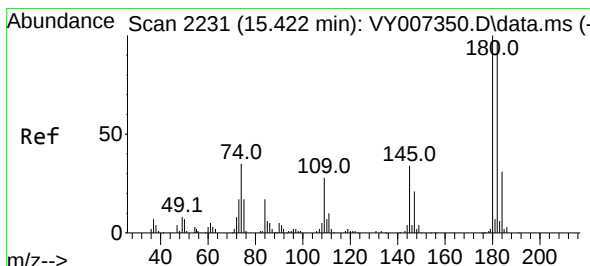
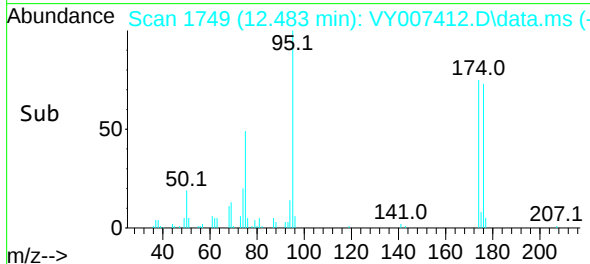
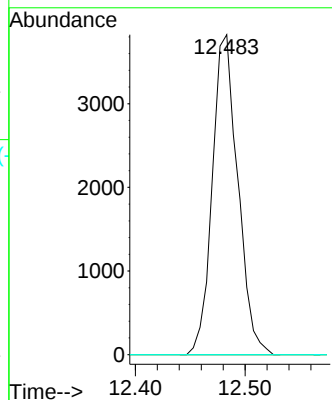
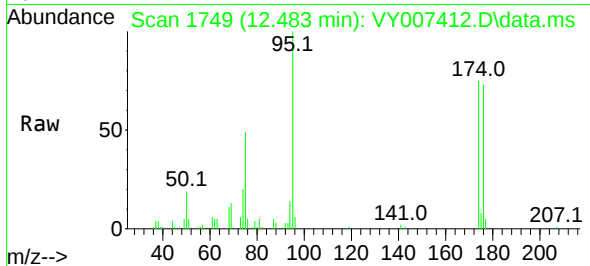




#81
trans-1,4-Dichloro-2-butene
Concen: 120.008 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :
24801RE

Tgt Ion: 75 Resp: 6189
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#96
1,2,3-Trichlorobenzene
Concen: 1.058 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.018 min
Lab File: VY007412.D
Acq: 07 Feb 2022 14:54

Tgt Ion: 180 Resp: 151
Ion Ratio Lower Upper
180 100
182 53.6 47.3 141.9
145 35.8 15.3 45.9

