

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011554.D
 Acq On : 22 Nov 2022 17:35
 Operator : KP/MD
 Sample : N5745-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

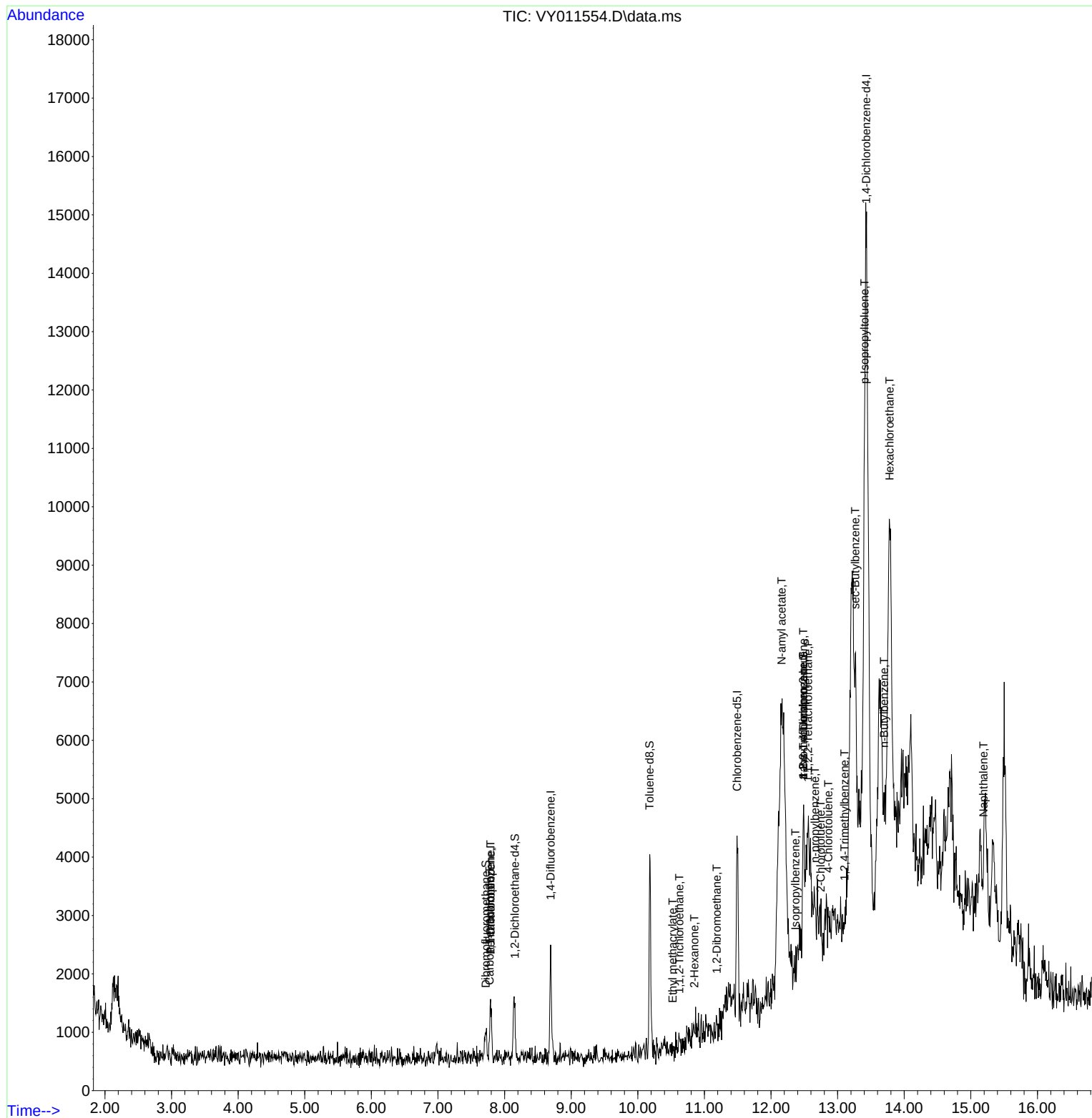
Internal Standards						
1) Pentafluorobenzene	7.789	168	1110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1019	90.410	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.820%#	
35) Dibromofluoromethane	7.716	113	425	33.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.760%	
50) Toluene-d8	10.179	98	2410	52.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.483	95	848	50.308	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	7.789	75	24	1.224	ug/l #	42
38) Carbon Tetrachloride	7.777	117	81	3.692	ug/l #	11
55) 1,1,2-Trichloroethane	10.624	97	18	1.541	ug/l #	15
56) Ethyl methacrylate	10.526	69	19	1.308	ug/l #	18
59) 2-Hexanone	10.849	43	22	2.753	ug/l #	28
61) 1,2-Dibromoethane	11.185	107	65	6.097	ug/l	96
73) Isopropylbenzene	12.367	105	65	1.476	ug/l #	48
74) N-amyl acetate	12.160	43	210	19.308	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	12.556	83	85	9.794	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	353	53.823	ug/l #	100
78) n-propylbenzene	12.660	91	107	1.991	ug/l #	53
79) 2-Chlorotoluene	12.745	91	267	8.816	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.483	75	353	117.891	ug/l #	26
82) 4-Chlorotoluene	12.861	91	192	6.063	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.105	105	42	1.145	ug/l #	31
85) sec-Butylbenzene	13.263	105	285	5.907	ug/l #	56
86) p-Isopropyltoluene	13.404	119	113	2.806	ug/l #	1
89) n-Butylbenzene	13.696	91	148	3.998	ug/l #	33
90) Hexachloroethane	13.782	117	28	3.443	ug/l #	6
95) Naphthalene	15.190	128	22	4.958	ug/l #	69

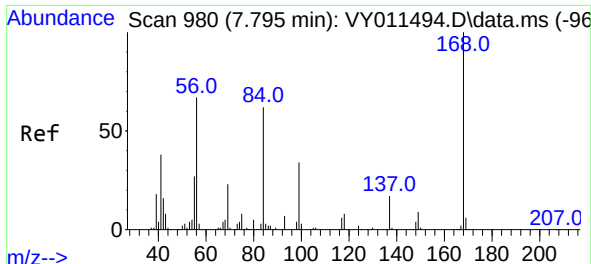
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
Data File : VY011554.D
Acq On : 22 Nov 2022 17:35
Operator : KP/MD
Sample : N5745-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

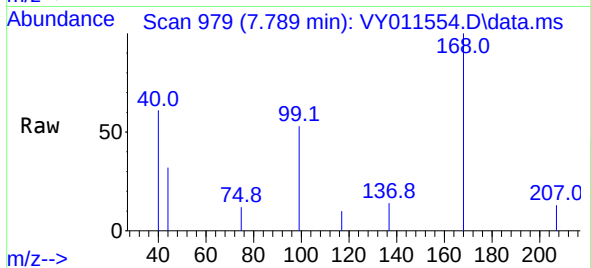
Quant Time: Nov 23 04:08:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



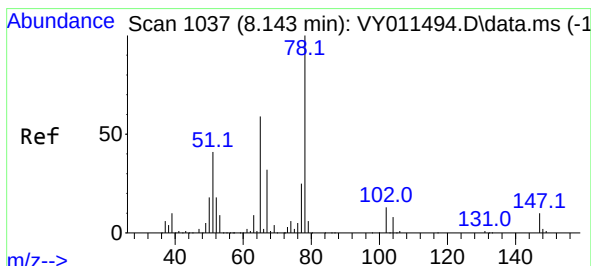
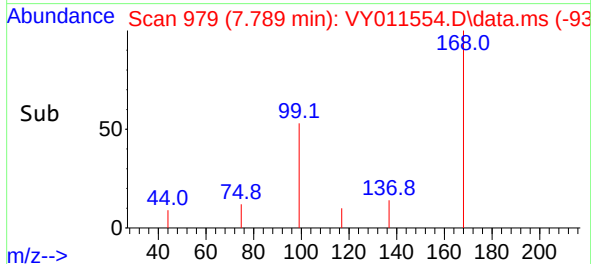
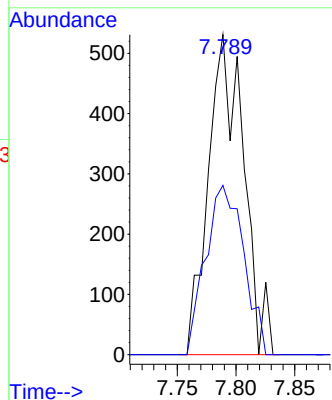


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :

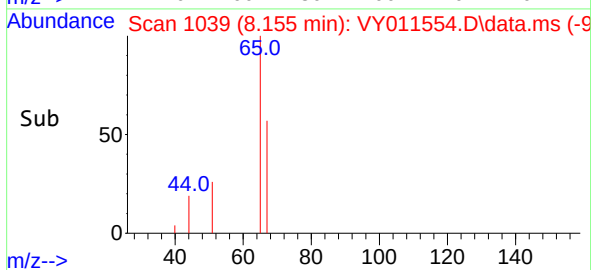
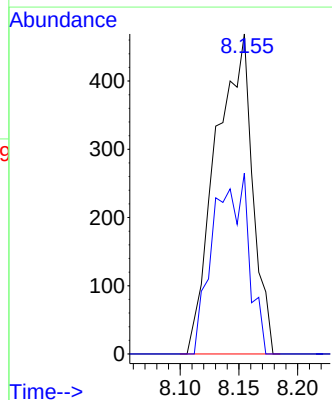
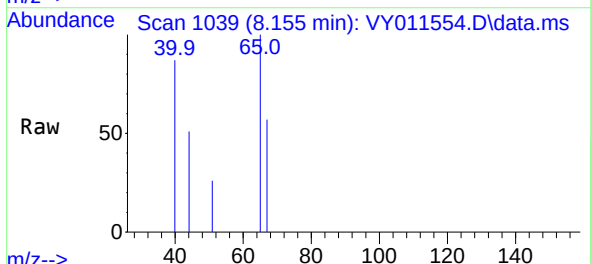


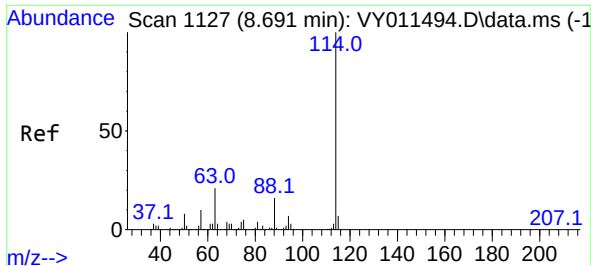
Tgt Ion:168 Resp: 1110
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 90.410 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 65 Resp: 1019
Ion Ratio Lower Upper
65 100
67 54.2 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: VY011554.D

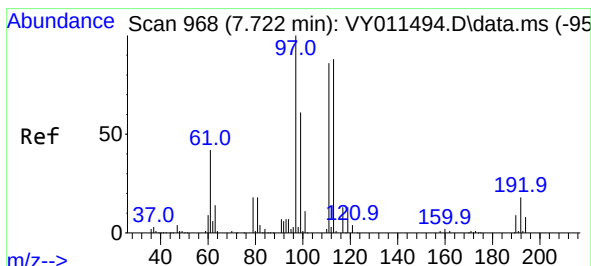
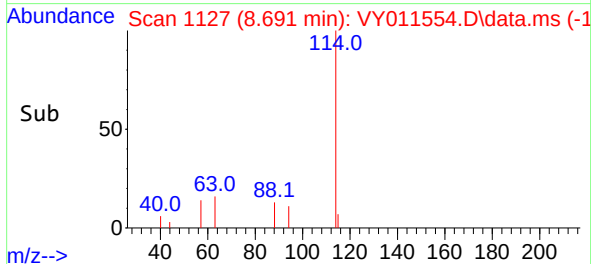
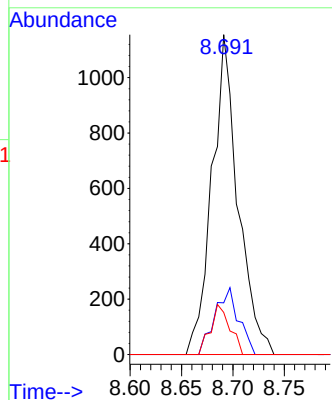
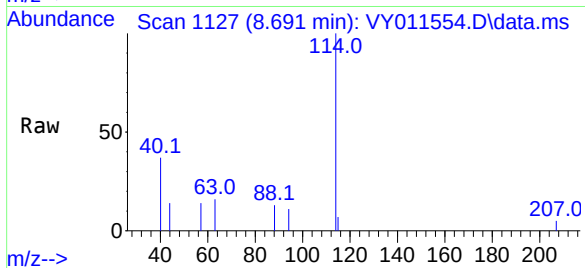
Acq: 22 Nov 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	2038
Ion	Ratio	Lower Upper
114	100	
63	16.2	0.0 43.2
88	13.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 33.876 ug/l

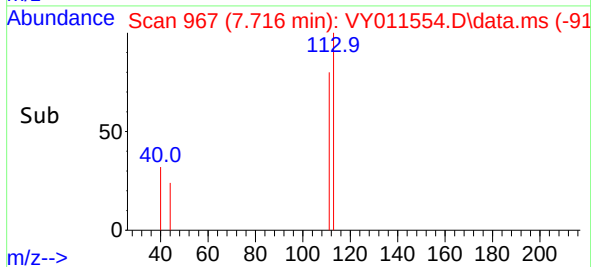
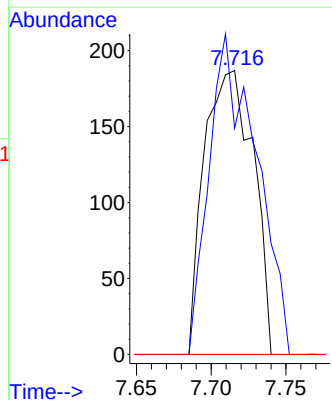
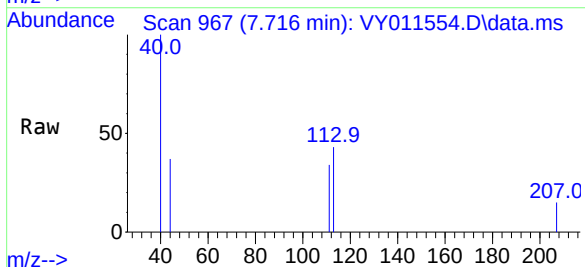
RT: 7.716 min Scan# 967

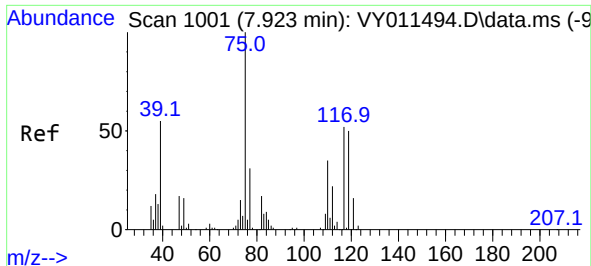
Delta R.T. -0.006 min

Lab File: VY011554.D

Acq: 22 Nov 2022 17:35

Tgt Ion:113	Resp:	425
Ion	Ratio	Lower Upper
113	100	
111	108.7	82.6 124.0
192	0.0	17.6 26.4





#36

1,1-Dichloropropene

Concen: 1.224 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

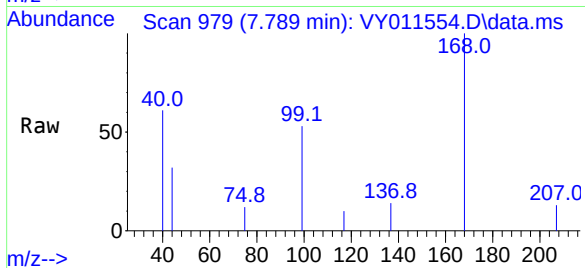
Lab File: VY011554.D

Acq: 22 Nov 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :



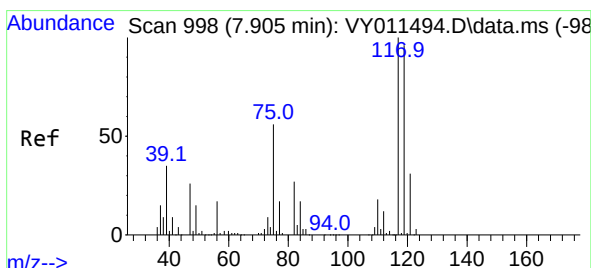
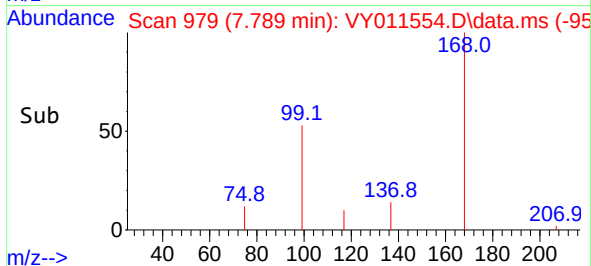
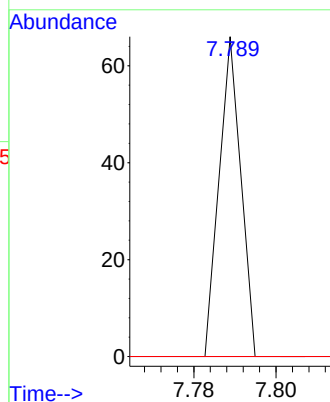
Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 3.692 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.128 min

Lab File: VY011554.D

Acq: 22 Nov 2022 17:35

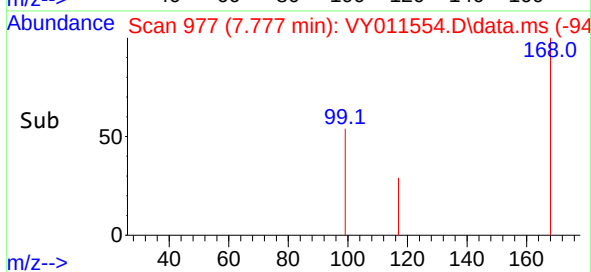
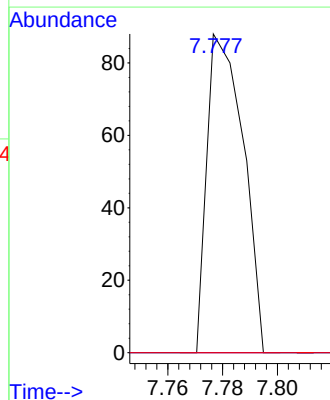
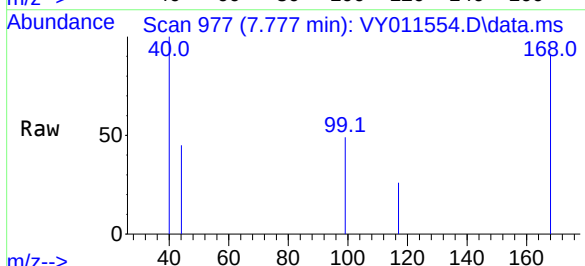
Tgt Ion: 117 Resp: 81

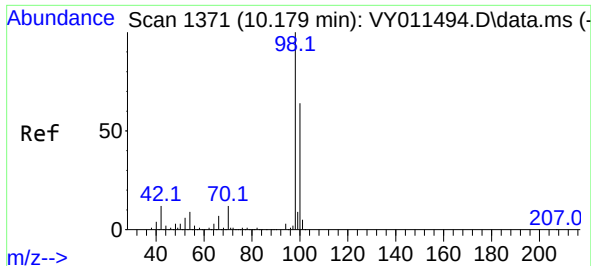
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

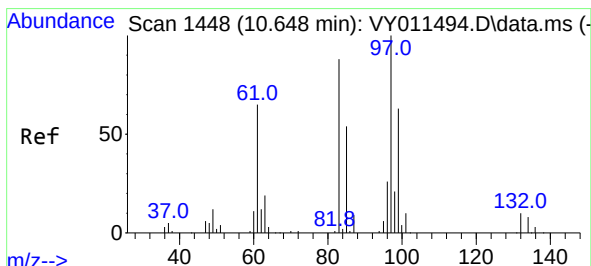
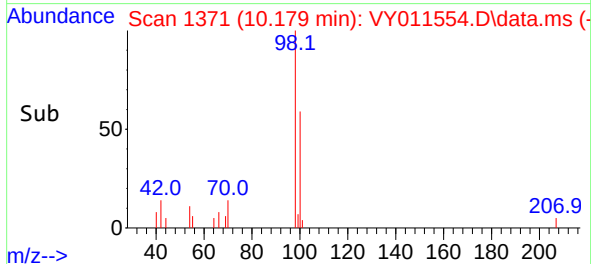
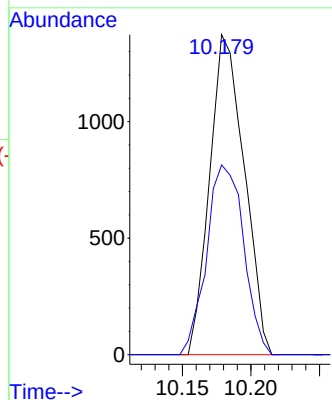
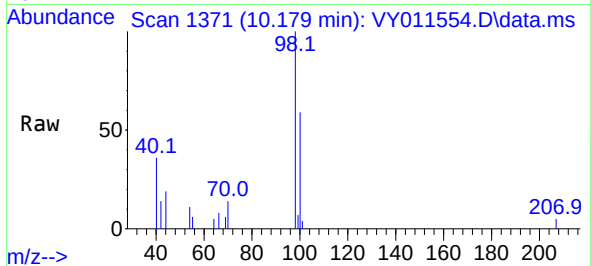




#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

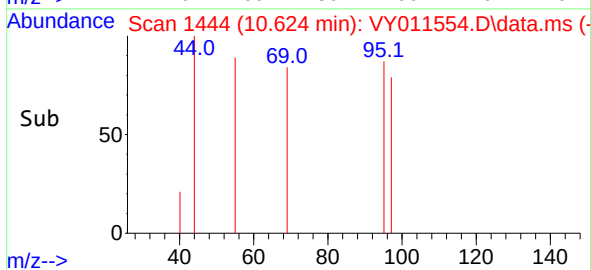
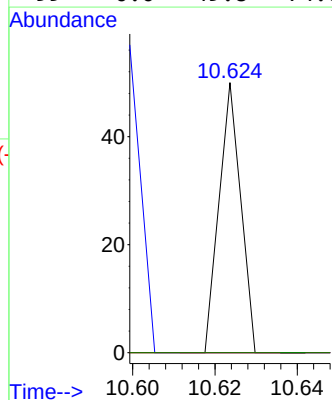
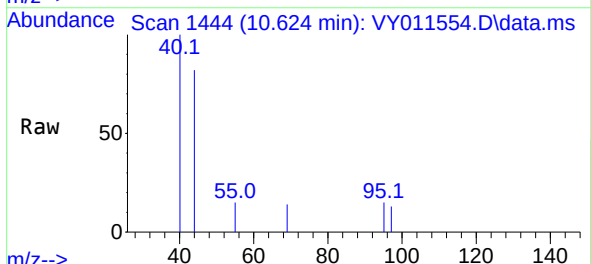
Instrument :
MSVOA_Y
ClientSampleId :

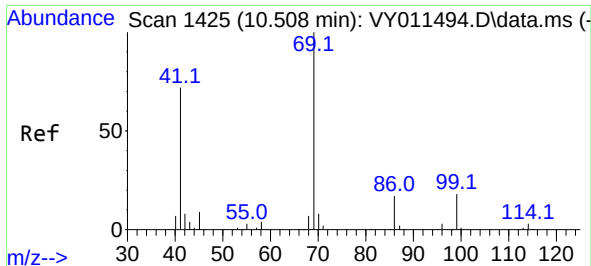
Tgt Ion: 98 Resp: 2410
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#55
1,1,2-Trichloroethane
Concen: 1.541 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.024 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 97 Resp: 18
Ion Ratio Lower Upper
97 100
83 0.0 69.8 104.8#
85 0.0 44.3 66.5#
99 0.0 49.8 74.6#

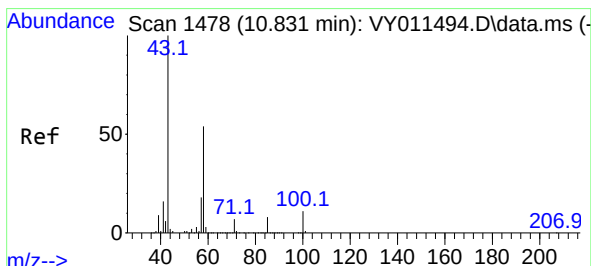
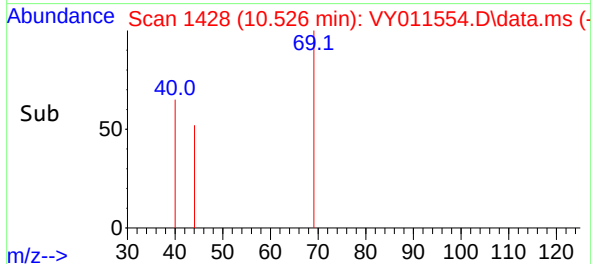
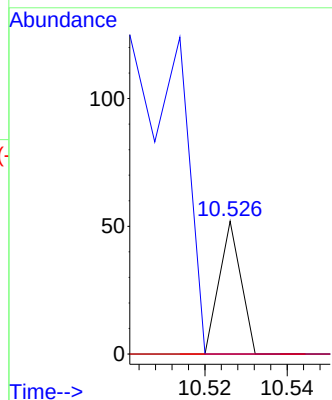
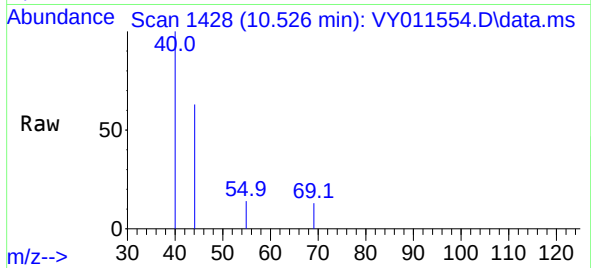




#56
Ethyl methacrylate
Concen: 1.308 ug/l
RT: 10.526 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

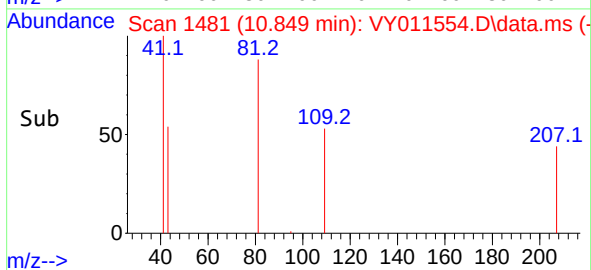
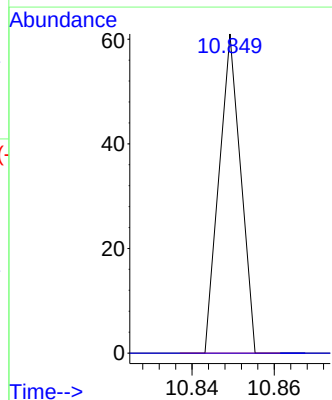
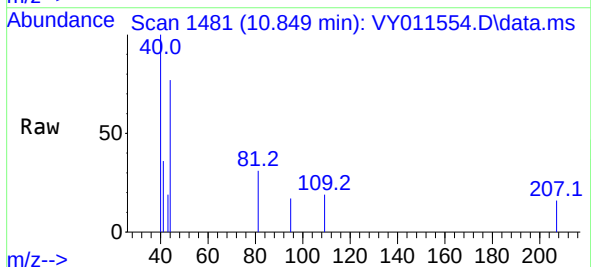
Instrument :
MSVOA_Y
ClientSampleId :

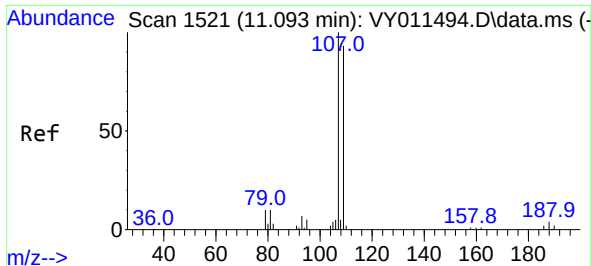
Tgt Ion: 69 Resp: 19
Ion Ratio Lower Upper
69 100
41 0.0 63.4 95.0#
39 0.0 35.8 53.8#



#59
2-Hexanone
Concen: 2.753 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.018 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#





#61

1,2-Dibromoethane

Concen: 6.097 ug/l

RT: 11.185 min Scan# 11

Delta R.T. 0.092 min

Lab File: VY011554.D

Acq: 22 Nov 2022 17:35

Instrument :

MSVOA_Y

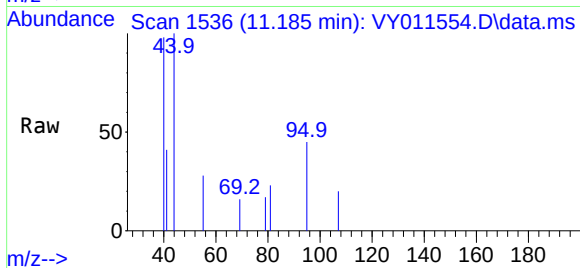
ClientSampleId :

Tgt Ion:107 Resp: 65

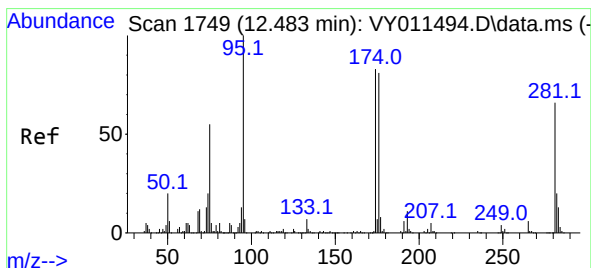
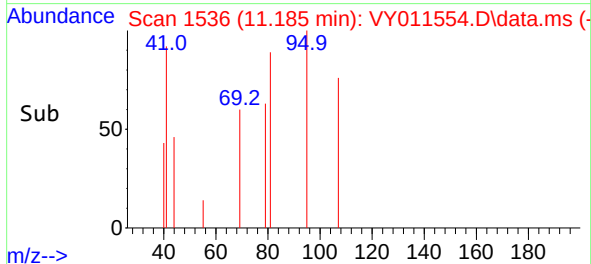
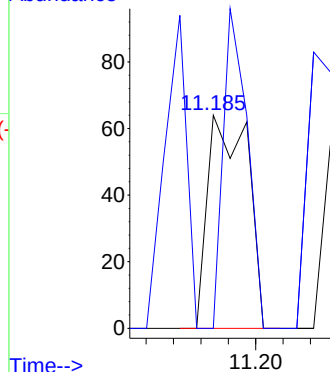
Ion Ratio Lower Upper

107 100

109 90.8 75.4 113.2



Abundance



#62

4-Bromofluorobenzene

Concen: 50.308 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011554.D

Acq: 22 Nov 2022 17:35

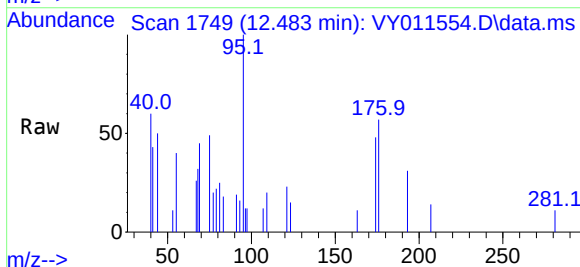
Tgt Ion: 95 Resp: 848

Ion Ratio Lower Upper

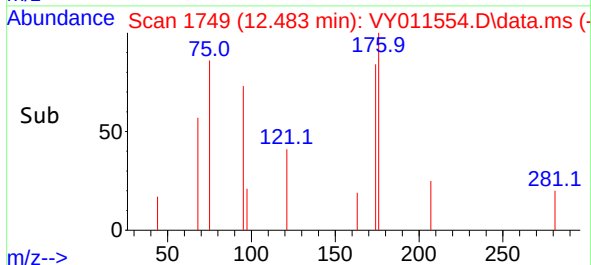
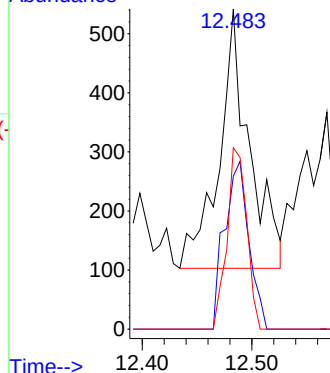
95 100

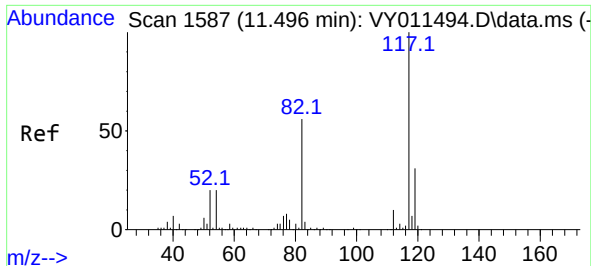
174 51.5 0.0 177.0

176 45.0 0.0 175.8



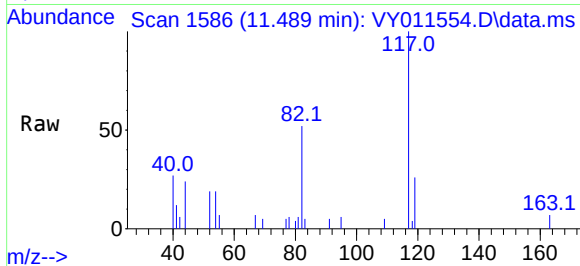
Abundance



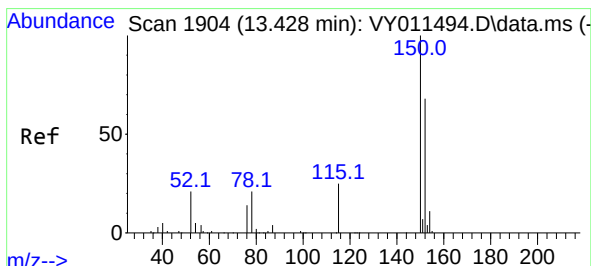
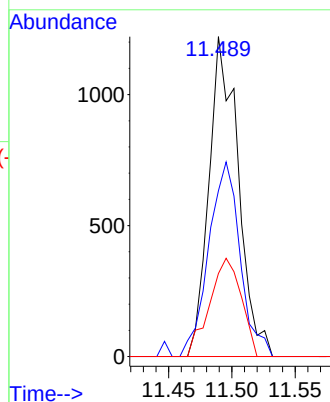
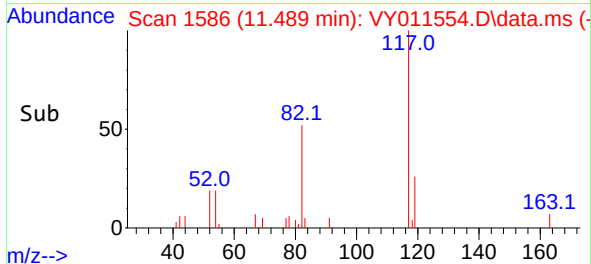


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

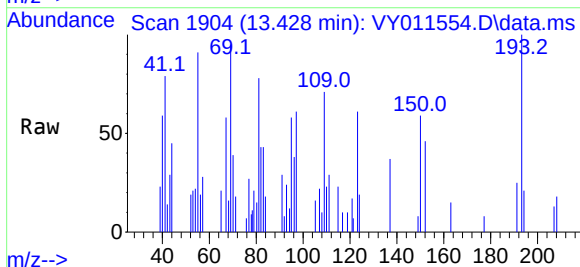
Instrument :
MSVOA_Y
ClientSampleId :



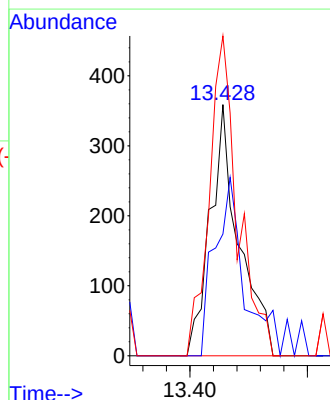
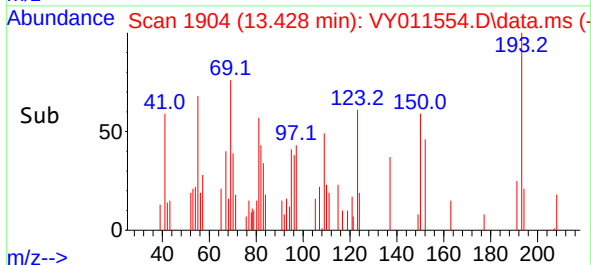
Tgt Ion:	117	Resp:	1963
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	26.0	25.4	38.0

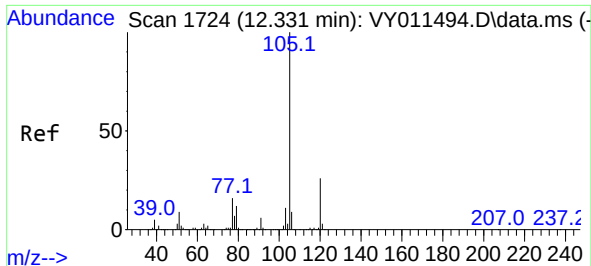


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35



Tgt Ion:	152	Resp:	609
Ion	Ratio	Lower	Upper
152	100		
115	72.6	28.2	84.7
150	126.4	0.0	347.6

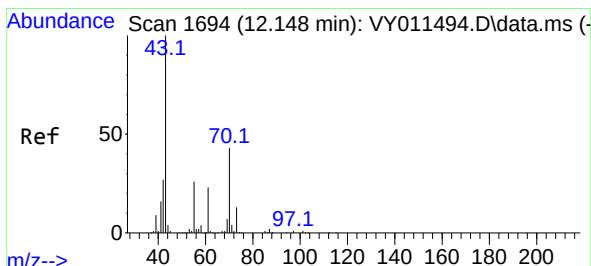
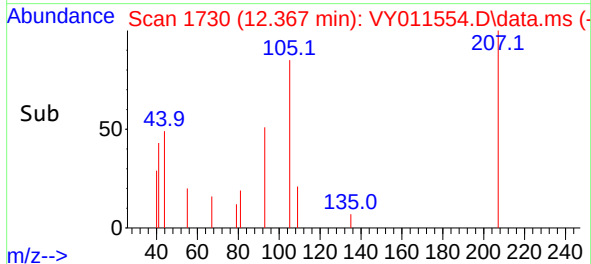
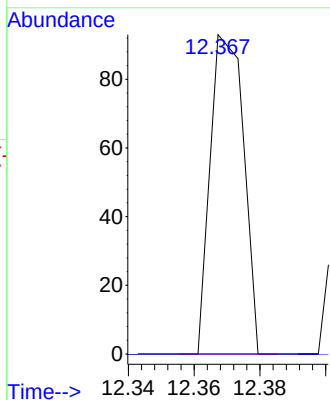
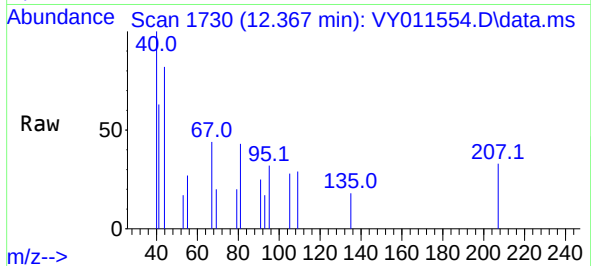




#73
Isopropylbenzene
Concen: 1.476 ug/l
RT: 12.367 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

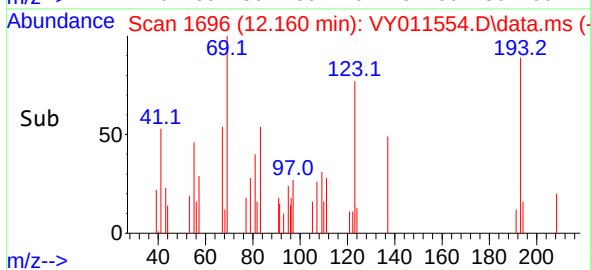
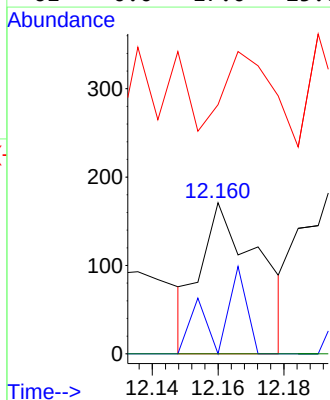
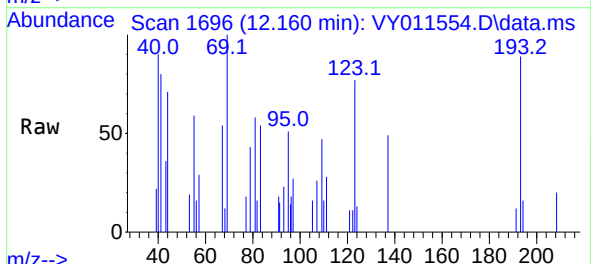
Instrument :
MSVOA_Y
ClientSampleId :

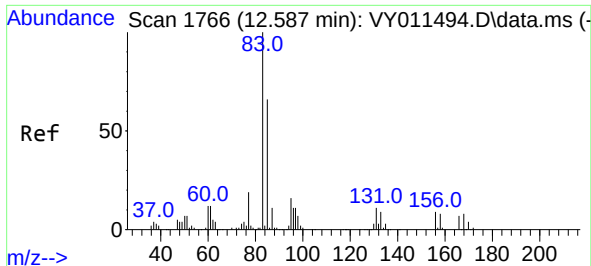
Tgt Ion:105 Resp: 65
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



#74
N-ethyl acetate
Concen: 19.308 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
70 28.1 28.7 43.1#
55 143.3 17.3 25.9#
61 0.0 17.0 25.6#

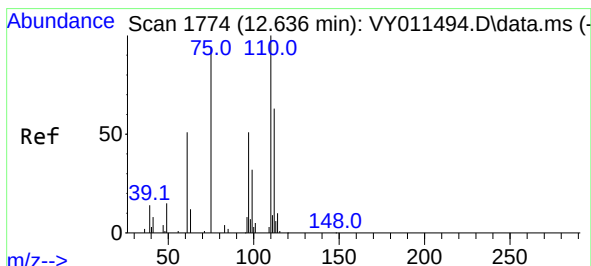
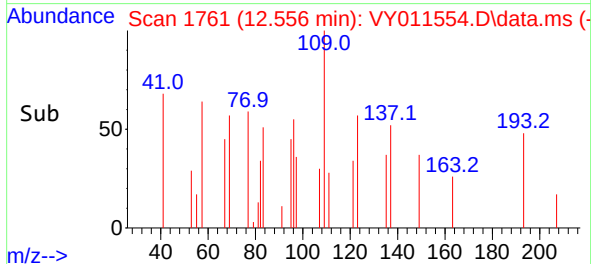
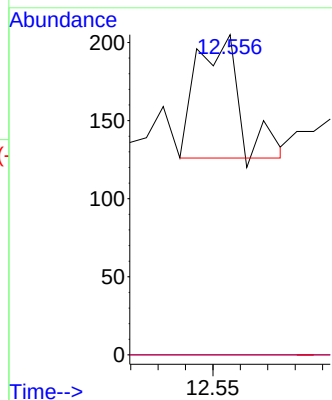
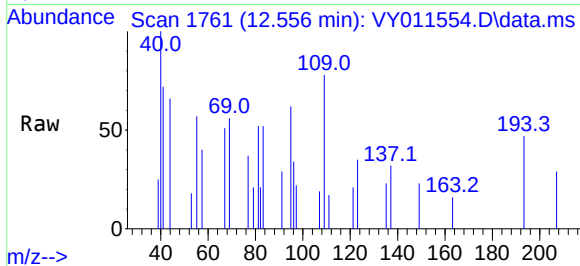




#75
1,1,2,2-Tetrachloroethane
Concen: 9.794 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.031 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

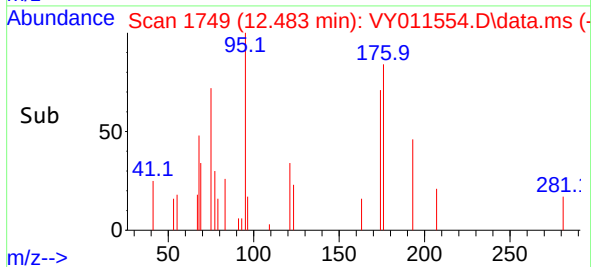
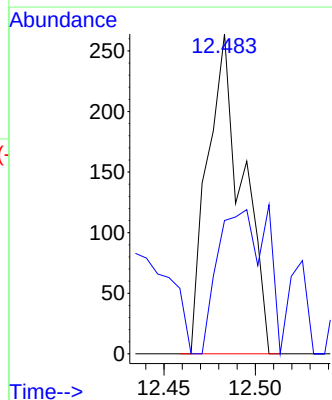
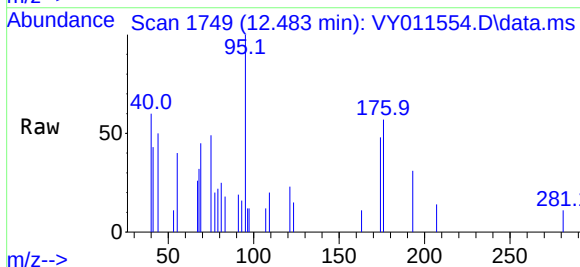
Instrument :
MSVOA_Y
ClientSampleId :

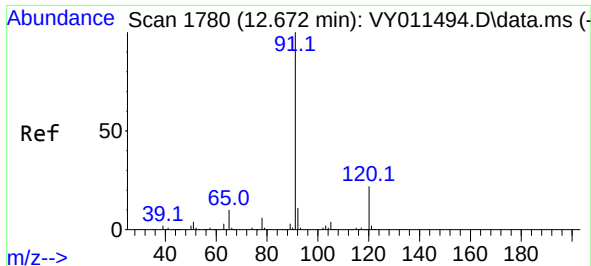
Tgt Ion: 83 Resp: 85
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 53.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

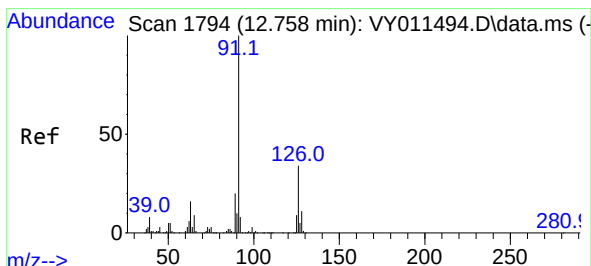
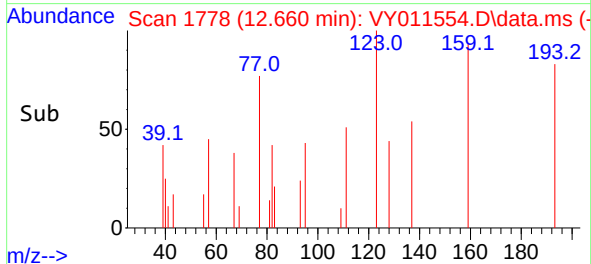
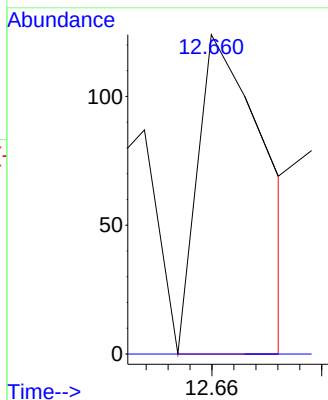
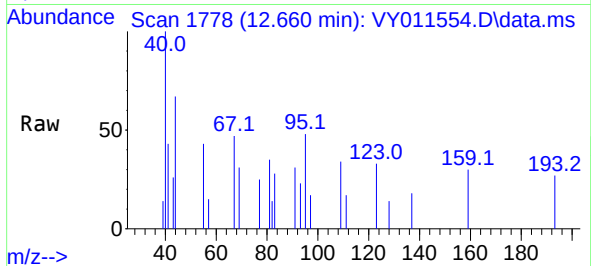




#78
n-propylbenzene
Concen: 1.991 ug/l
RT: 12.660 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

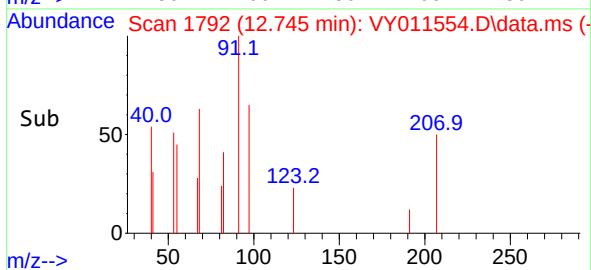
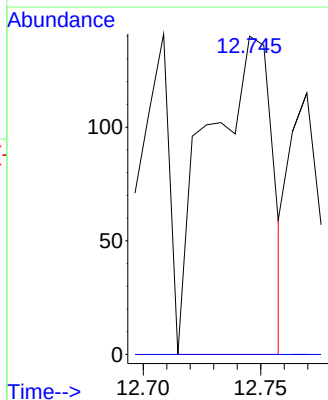
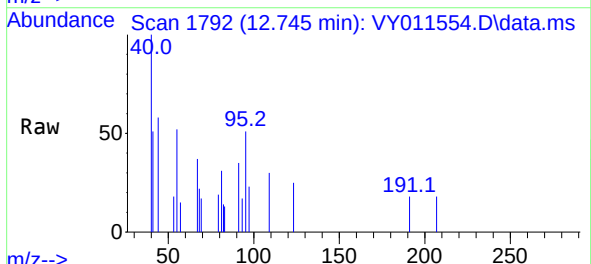
Instrument :
MSVOA_Y
ClientSampleId :

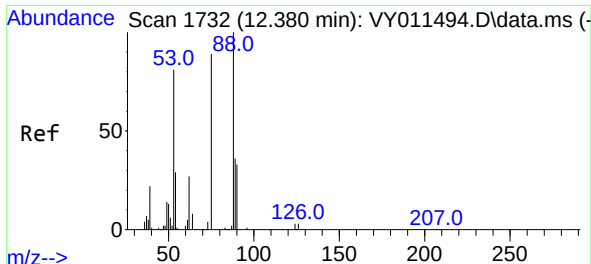
Tgt Ion: 91 Resp: 107
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#



#79
2-Chlorotoluene
Concen: 8.816 ug/l
RT: 12.745 min Scan# 1792
Delta R.T. -0.013 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 91 Resp: 267
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

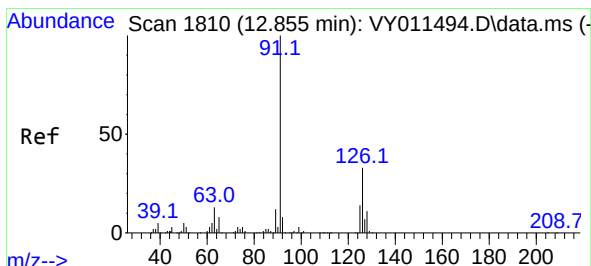
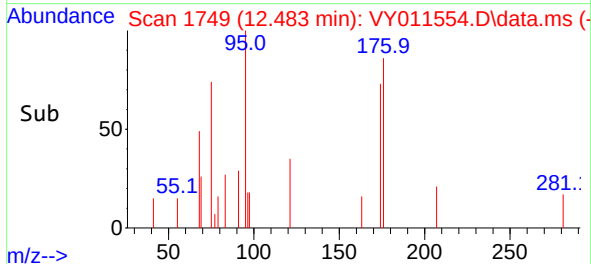
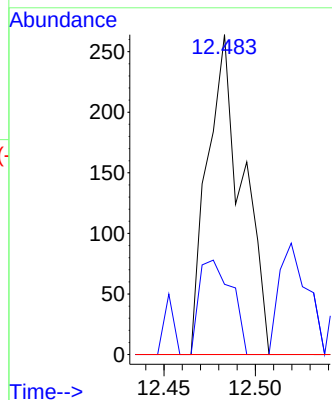
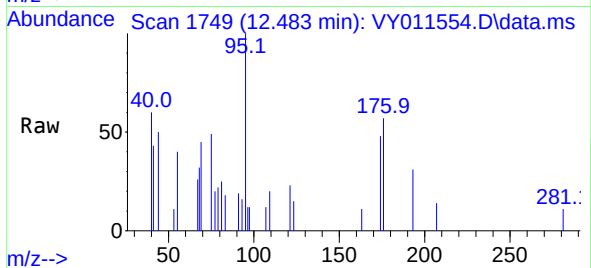




#81
trans-1,4-Dichloro-2-butene
Concen: 117.891 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

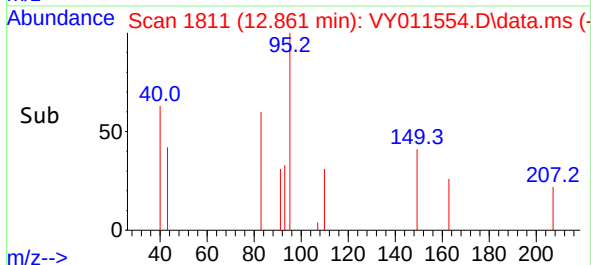
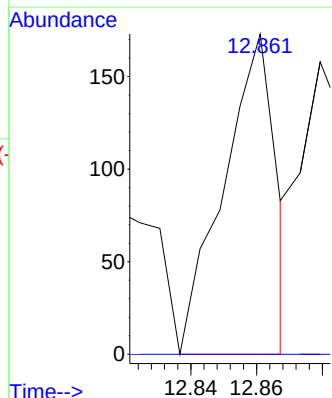
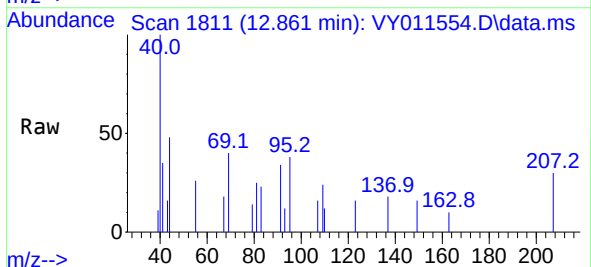
Instrument :
MSVOA_Y
ClientSampleId :

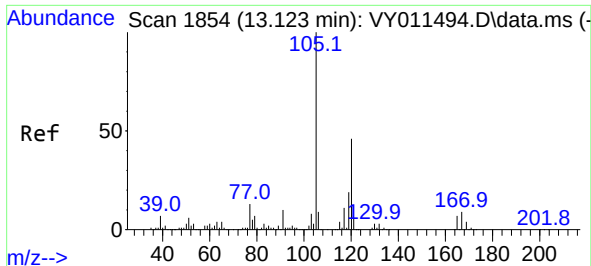
Tgt Ion: 75 Resp: 353
Ion Ratio Lower Upper
75 100
53 27.5 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 6.063 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 91 Resp: 192
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

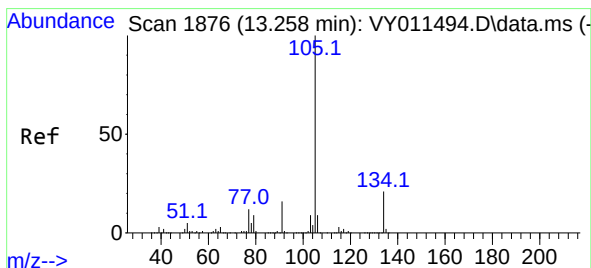
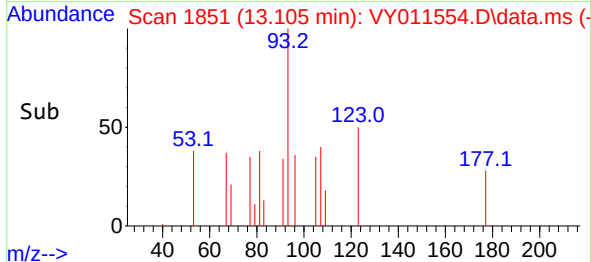
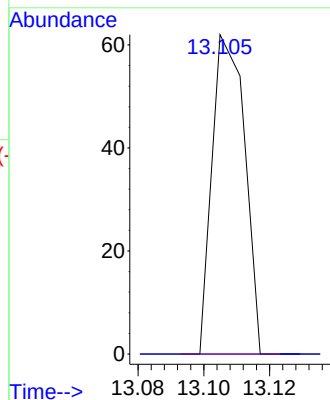
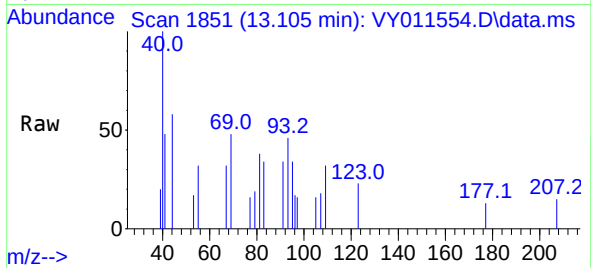




#84
1,2,4-Trimethylbenzene
Concen: 1.145 ug/l
RT: 13.105 min Scan# 1854
Delta R.T. -0.018 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

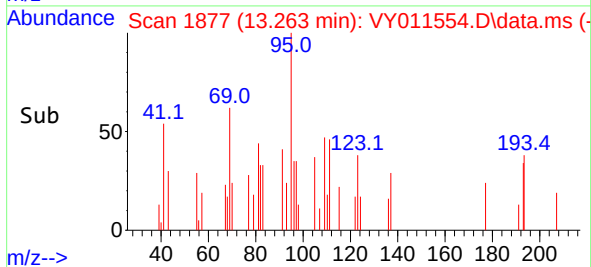
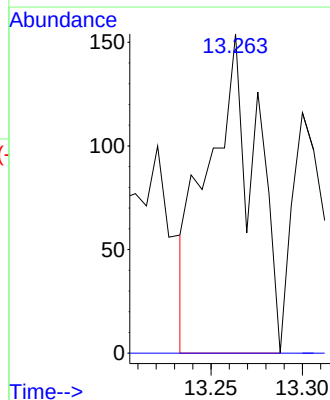
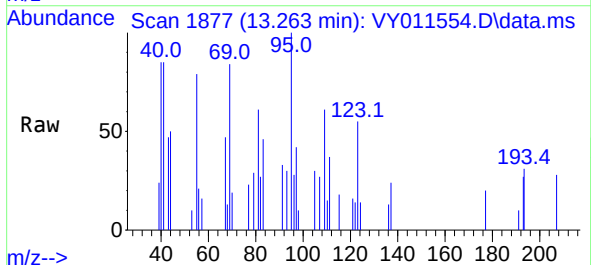
Instrument :
MSVOA_Y
ClientSampleId :

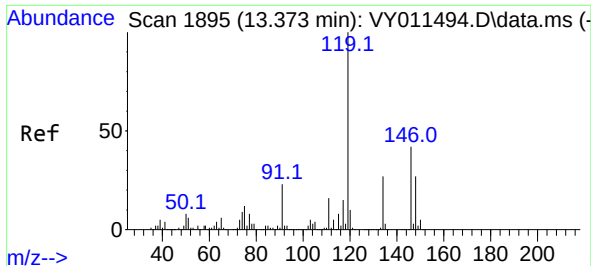
Tgt Ion:105 Resp: 42
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.9#



#85
sec-Butylbenzene
Concen: 5.907 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.005 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

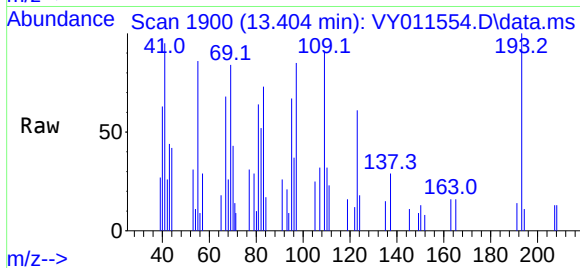
Tgt Ion:105 Resp: 285
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



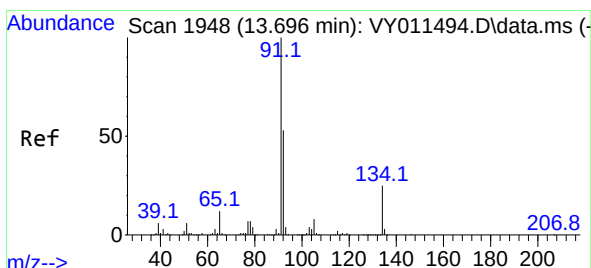
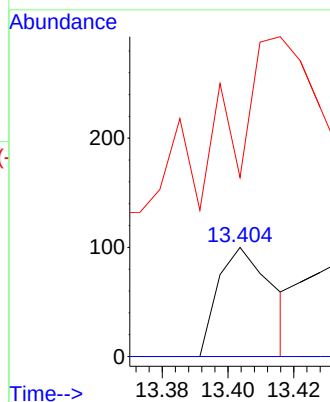
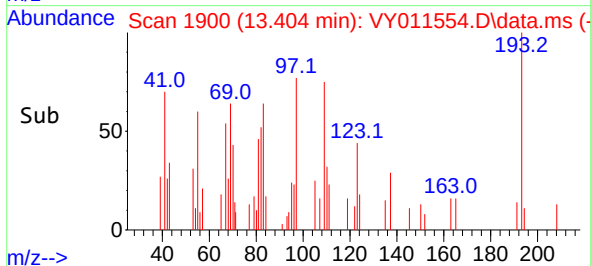


#86
p-Isopropyltoluene
Concen: 2.806 ug/l
RT: 13.404 min Scan# 1900
Delta R.T. 0.031 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

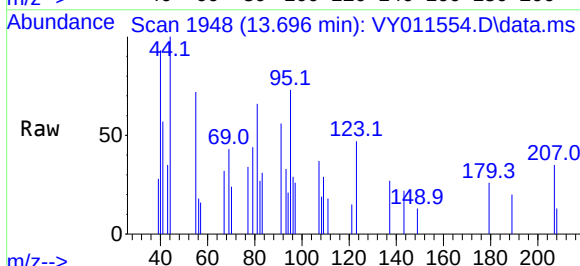
Instrument :
MSVOA_Y
ClientSampleId :



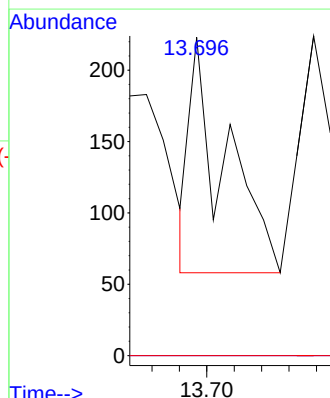
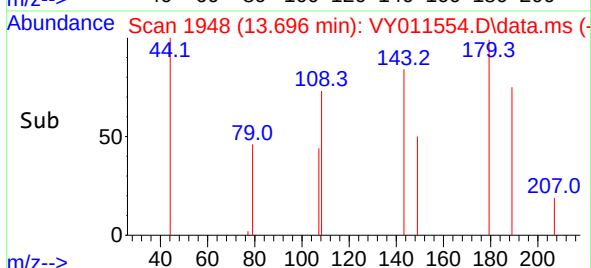
Tgt Ion:119 Resp: 113
Ion Ratio Lower Upper
119 100
134 0.0 13.2 39.5#
91 274.3 12.4 37.2#

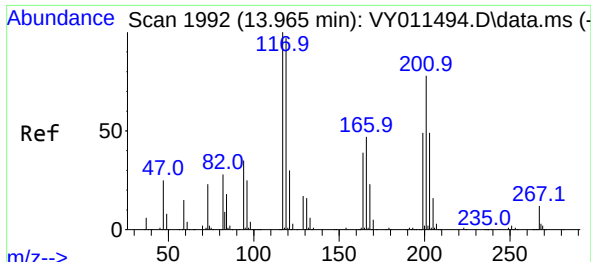


#89
n-Butylbenzene
Concen: 3.998 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35



Tgt Ion: 91 Resp: 148
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 0.0 13.0 38.9#

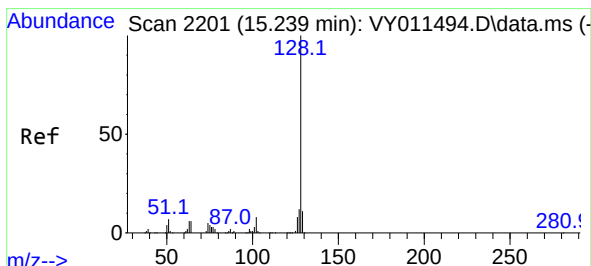
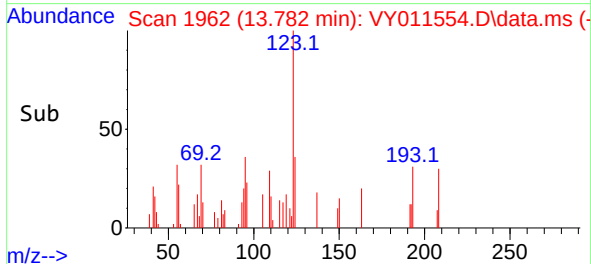
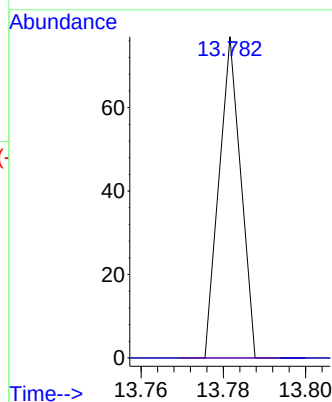
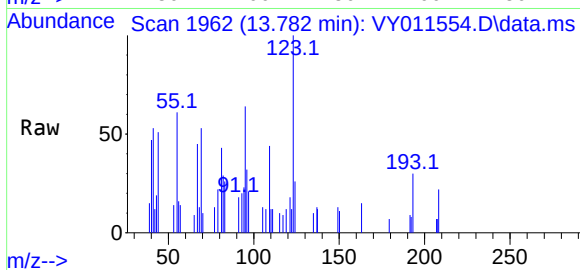




#90
Hexachloroethane
Concen: 3.443 ug/l
RT: 13.782 min Scan# 1992
Delta R.T. -0.183 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 28
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#95
Naphthalene
Concen: 4.958 ug/l
RT: 15.190 min Scan# 2193
Delta R.T. -0.049 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion:128 Resp: 22
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

