

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012790.D
 Acq On : 03 Mar 2023 12:38
 Operator : KP/MD
 Sample : 01736-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5RE

Quant Time: Mar 03 14:37:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

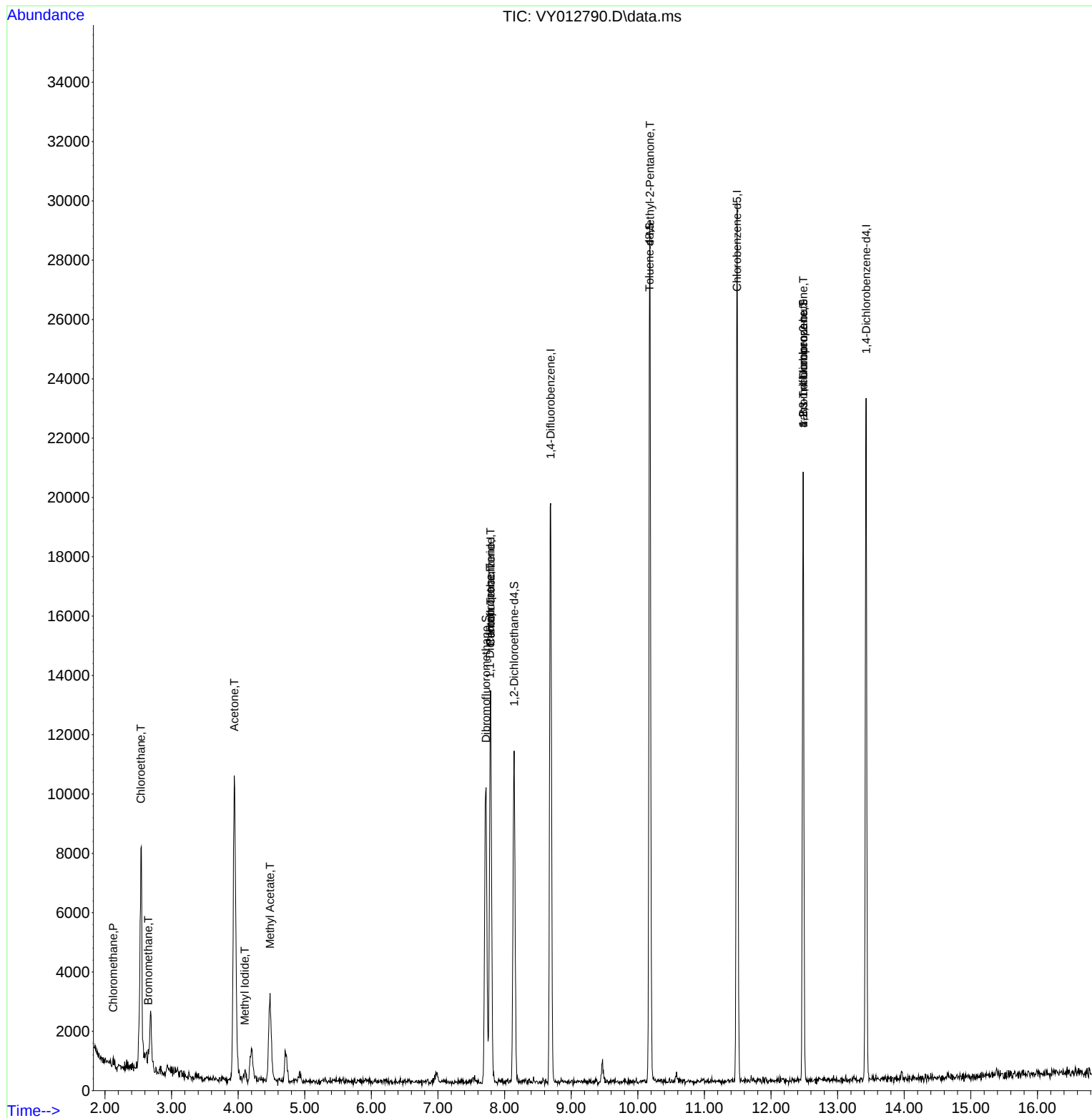
Internal Standards						
1) Pentafluorobenzene	7.789	168	10429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8579	82.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.700%#	
35) Dibromofluoromethane	7.722	113	7093	68.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.680%	
50) Toluene-d8	10.179	98	19500	51.389	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.483	95	5794	45.239	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.480%	
Target Compounds						Qvalue
3) Chloromethane	2.125	50	178	1.448	ug/l	89
5) Bromomethane	2.650	94	172	2.512	ug/l #	40
6) Chloroethane	2.540	64	85	1.259	ug/l #	43
10) Methyl Iodide	4.101	142	484	3.299	ug/l #	66
11) Tert butyl alcohol	4.924	59	63	Below Cal	#	74
16) Acetone	3.942	43	17953	441.727	ug/l	96
18) Methyl Acetate	4.479	43	5306	43.839	ug/l	94
36) 1,1-Dichloropropene	7.783	75	799	4.594	ug/l #	41
38) Carbon Tetrachloride	7.789	117	951	5.295	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	112	1.056	ug/l #	73
76) 1,2,3-Trichloropropane	12.483	75	3070	43.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3070	90.593	ug/l #	13

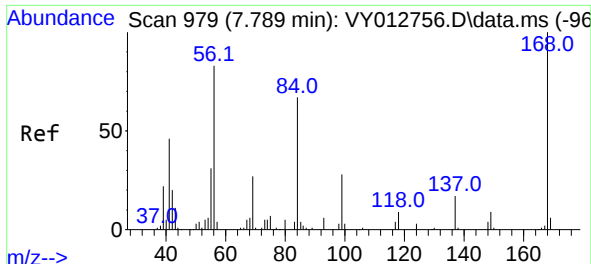
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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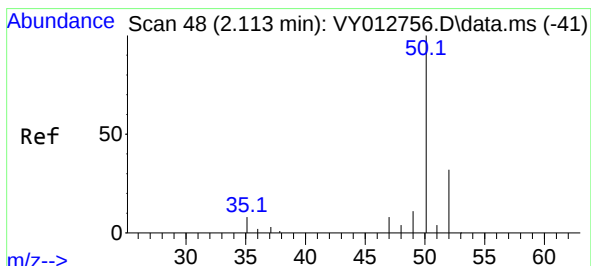
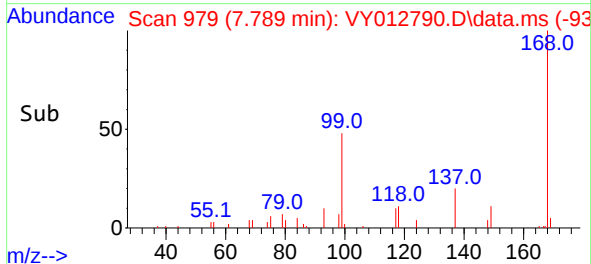
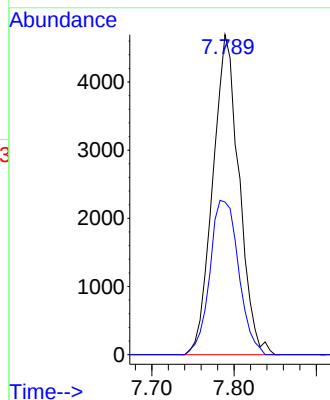
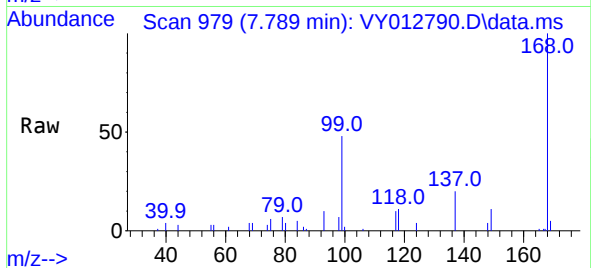




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

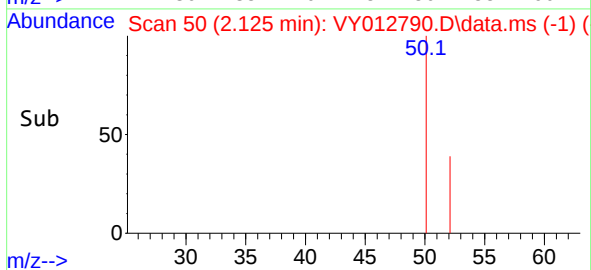
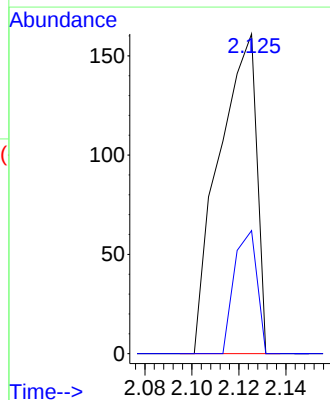
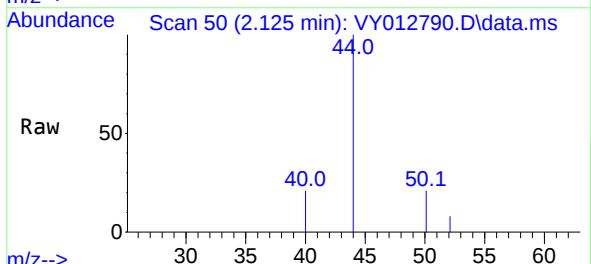
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

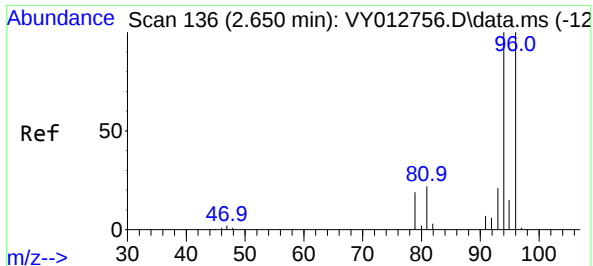
Tgt Ion:168 Resp: 10429
Ion Ratio Lower Upper
168 100
99 47.7 41.7 62.5



#3
Chloromethane
Concen: 1.448 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 50 Resp: 178
Ion Ratio Lower Upper
50 100
52 38.5 26.0 39.0

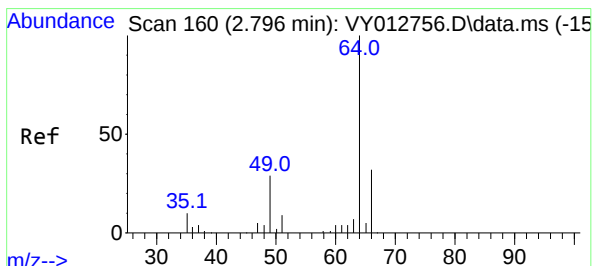
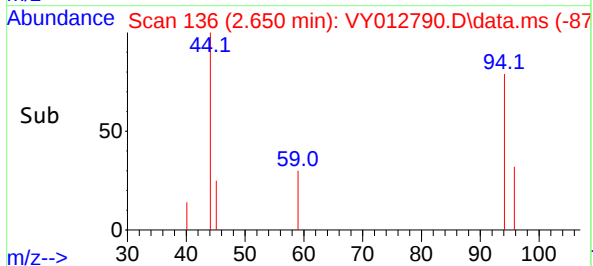
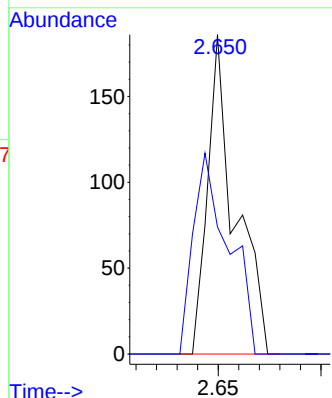
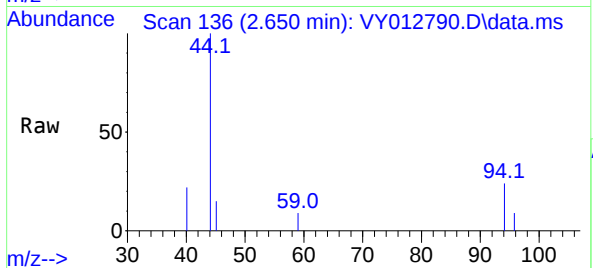




#5
Bromomethane
Concen: 2.512 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

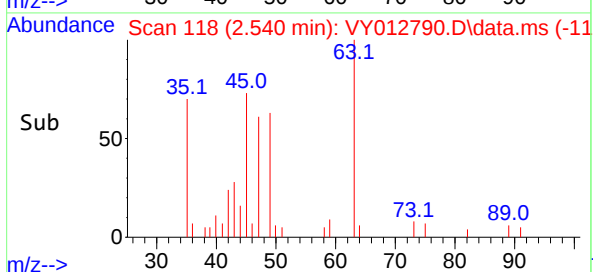
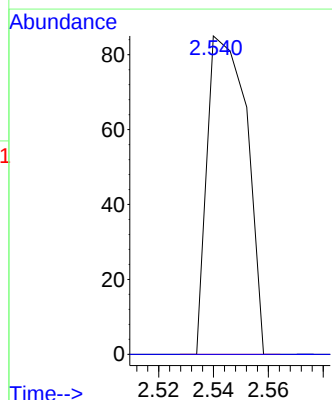
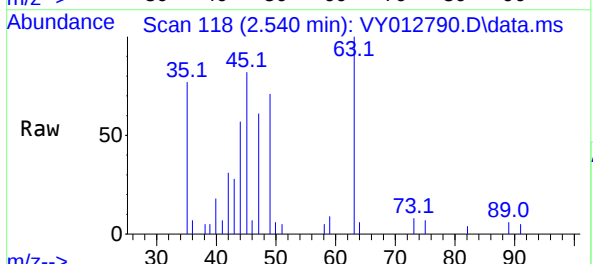
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

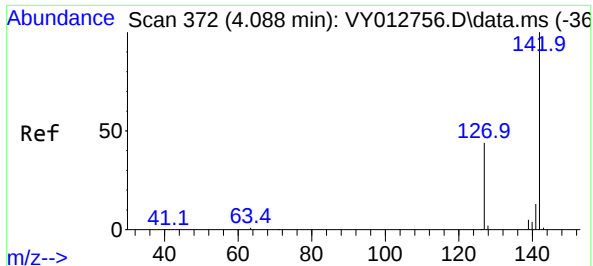
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 39.8 80.3 120.5#



#6
Chloroethane
Concen: 1.259 ug/l
RT: 2.540 min Scan# 118
Delta R.T. -0.256 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#

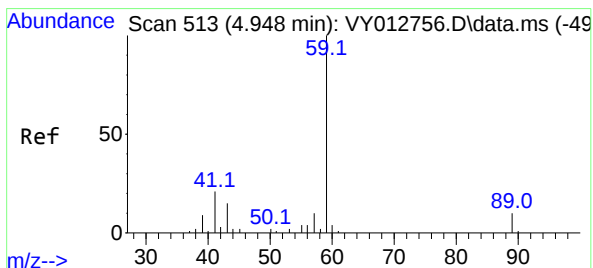
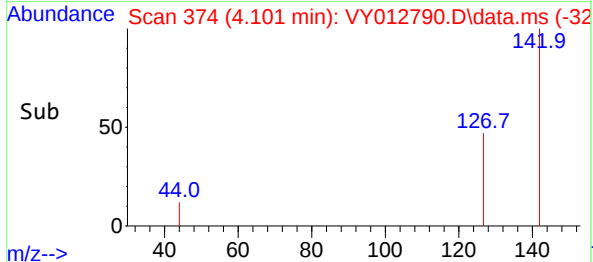
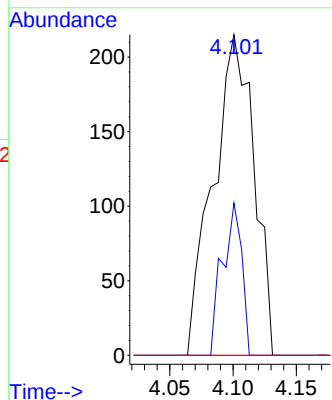
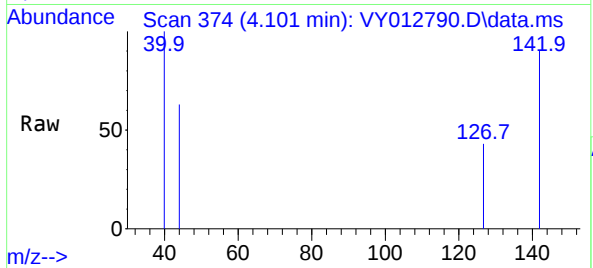




#10
Methyl Iodide
Concen: 3.299 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

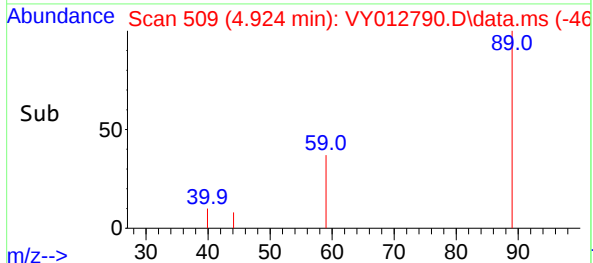
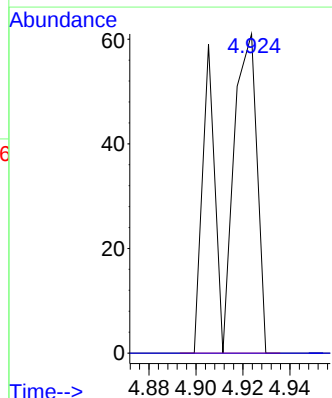
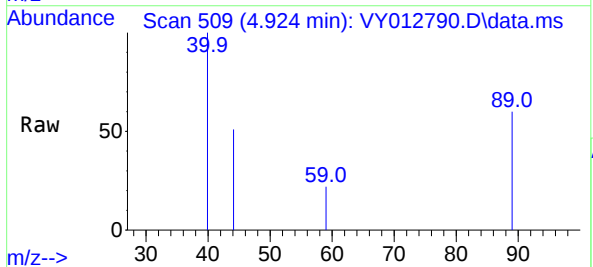
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

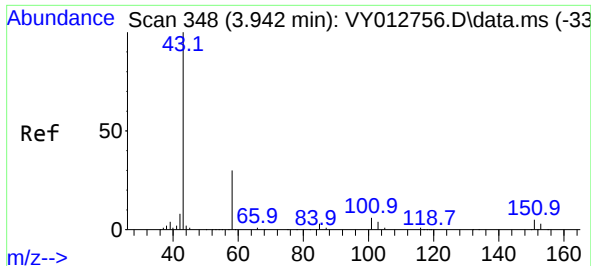
Tgt Ion:142 Resp: 484
Ion Ratio Lower Upper
142 100
127 22.5 35.4 53.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

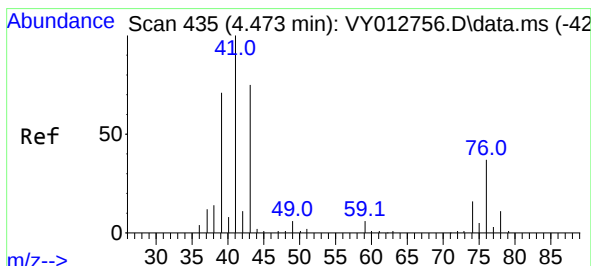
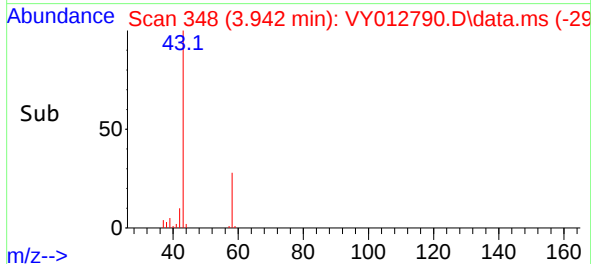
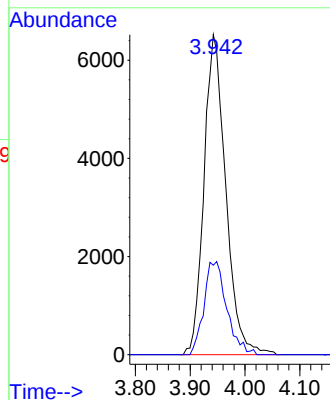
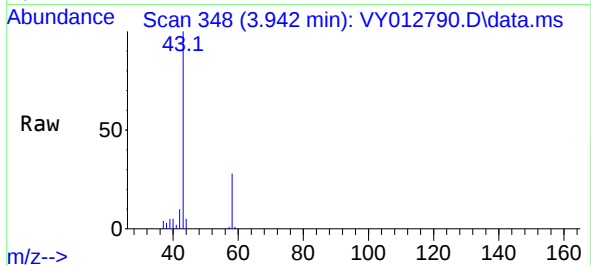




#16
Acetone
Concen: 441.727 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

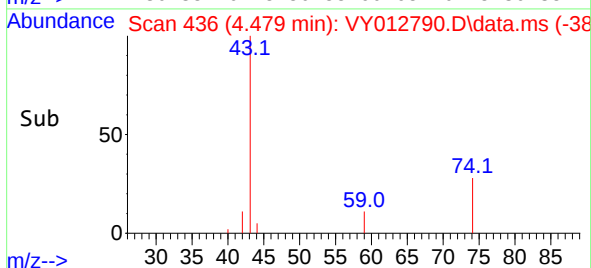
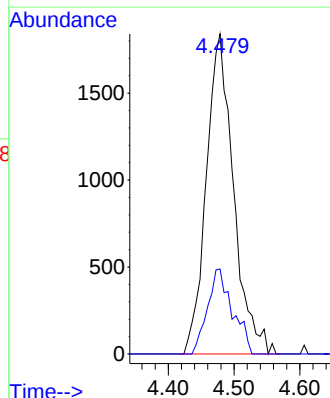
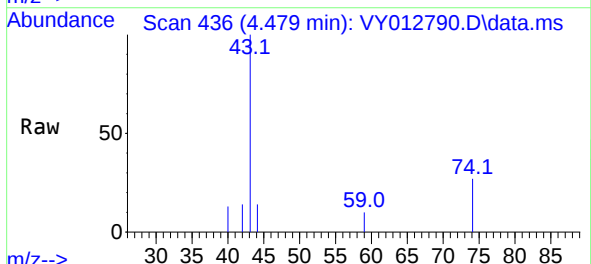
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

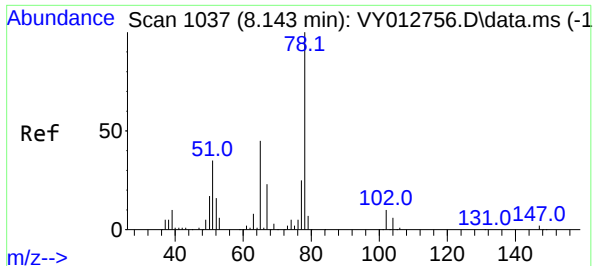
Tgt Ion: 43 Resp: 17953
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.2



#18
Methyl Acetate
Concen: 43.839 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 43 Resp: 5306
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0

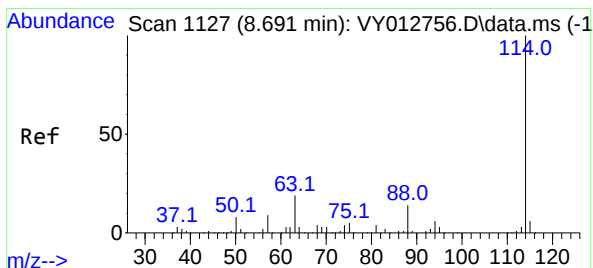
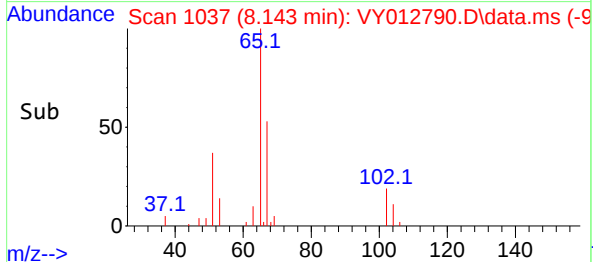
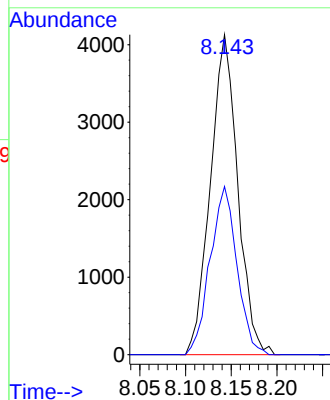
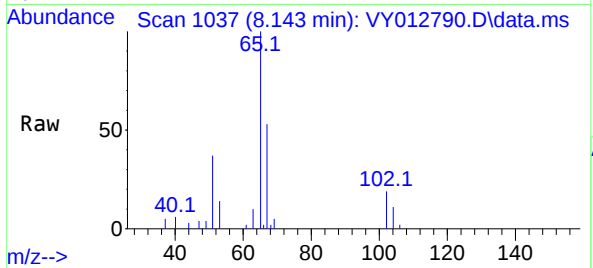




#33
1,2-Dichloroethane-d4
Concen: 82.852 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

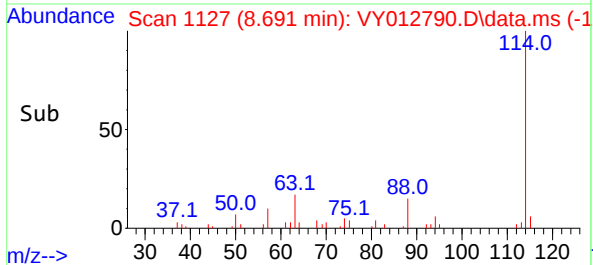
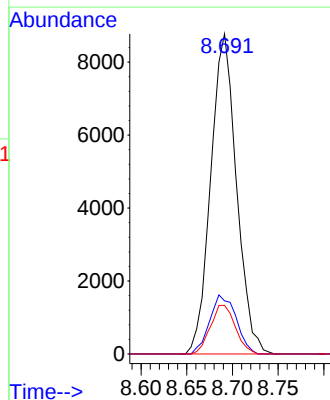
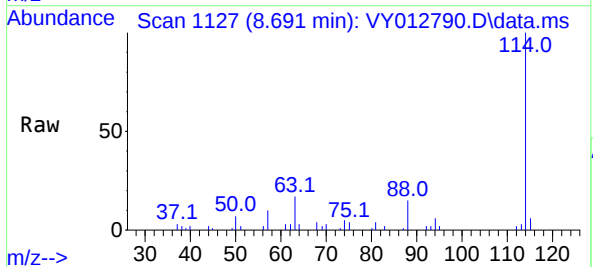
Instrument :
MSVOA_Y
ClientSampleId :
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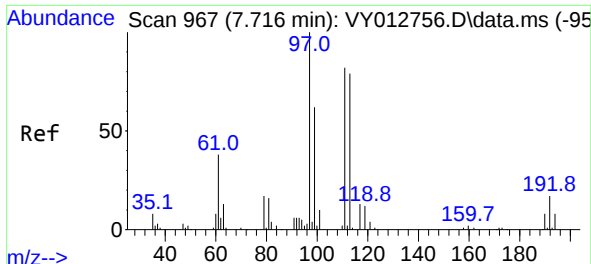
Tgt Ion: 65 Resp: 8579
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 114 Resp: 17199
Ion Ratio Lower Upper
114 100
63 16.6 0.0 37.4
88 15.2 0.0 28.6

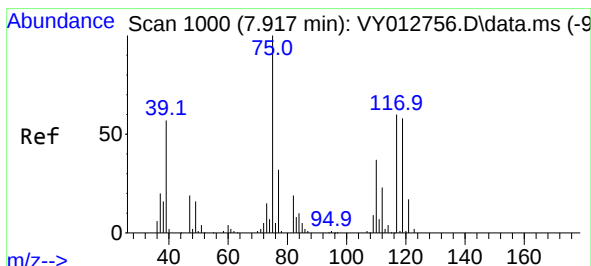
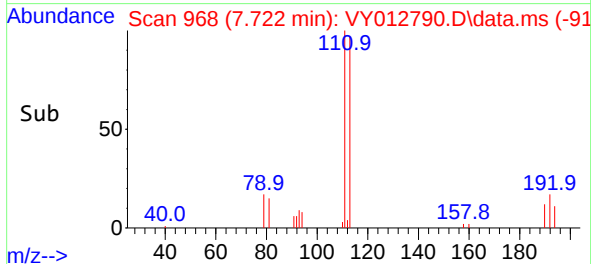
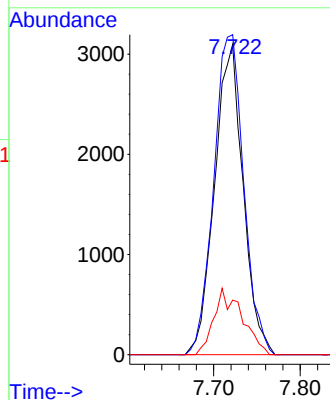
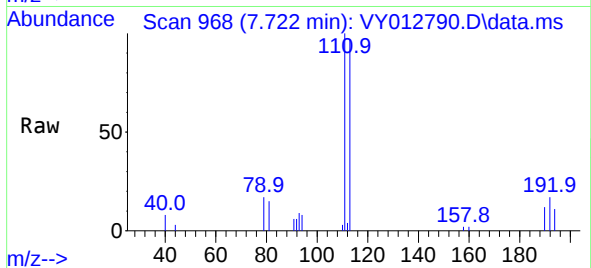




#35
Dibromofluoromethane
Concen: 68.336 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

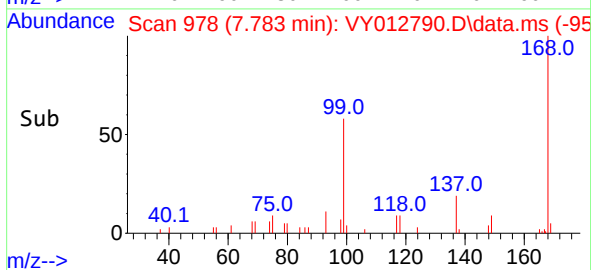
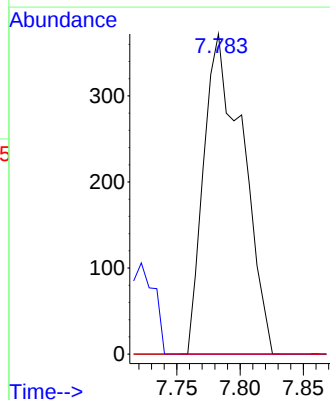
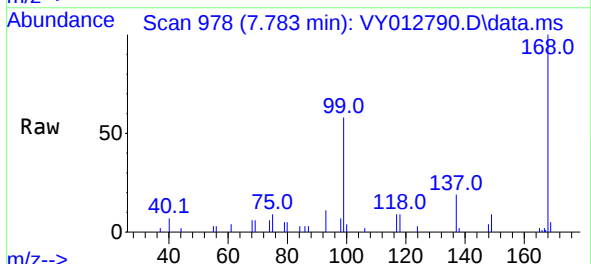
Instrument :
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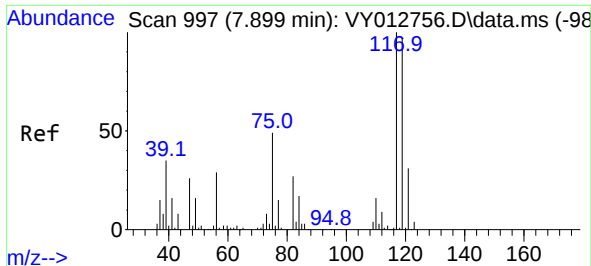
Tgt Ion:113 Resp: 7093
Ion Ratio Lower Upper
113 100
111 108.2 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

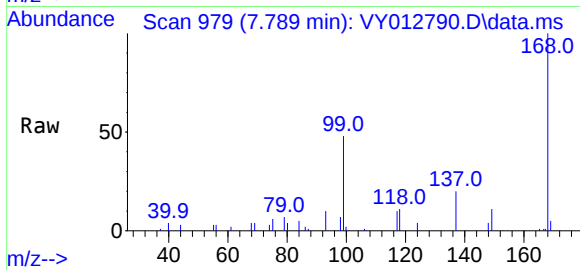
Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



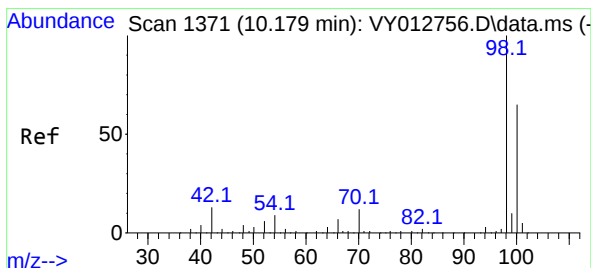
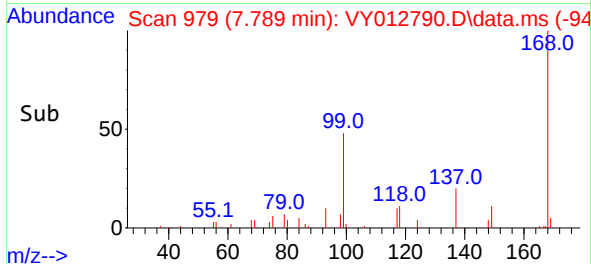
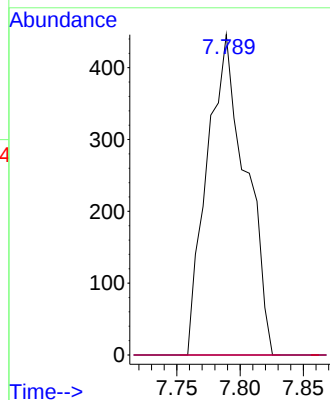


#38
Carbon Tetrachloride
Concen: 5.295 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

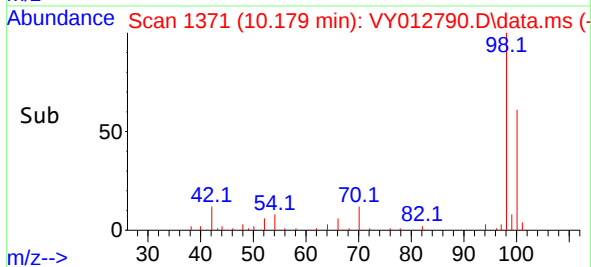
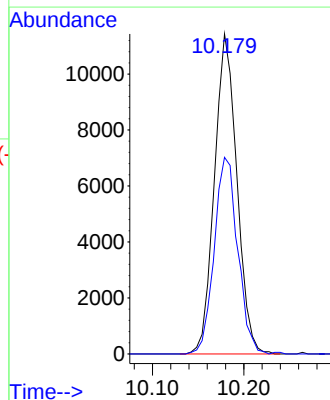
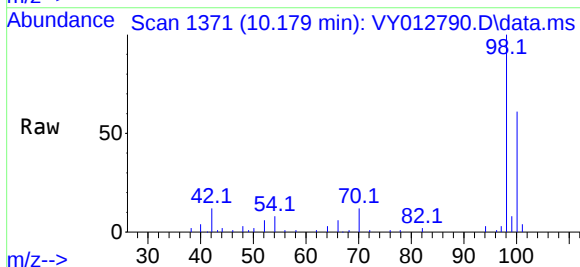


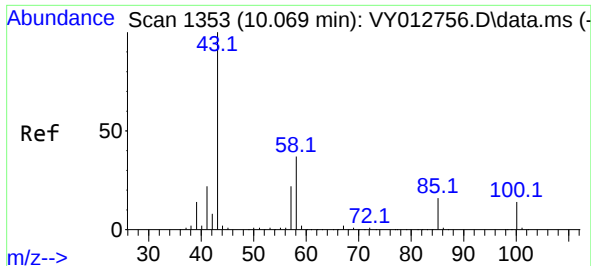
Tgt Ion:117 Resp: 951
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.389 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 98 Resp: 19500
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

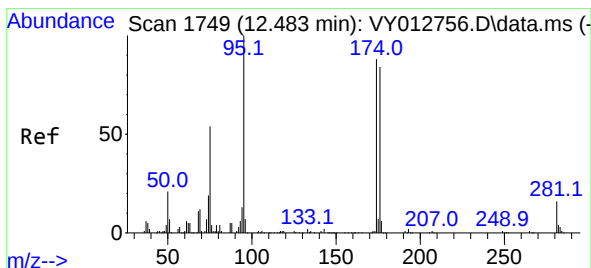
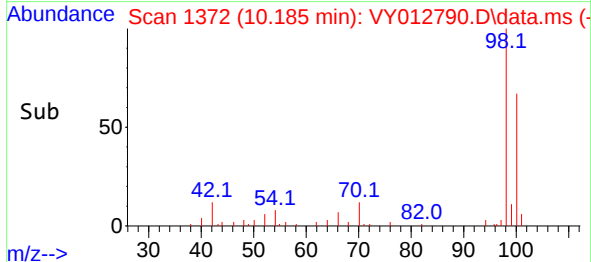
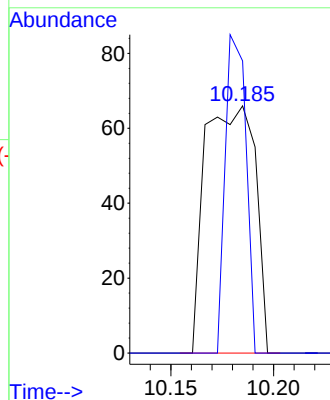
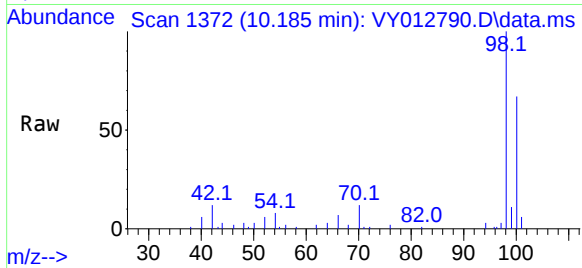




#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 10.185 min Scan# 111
Delta R.T. 0.116 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

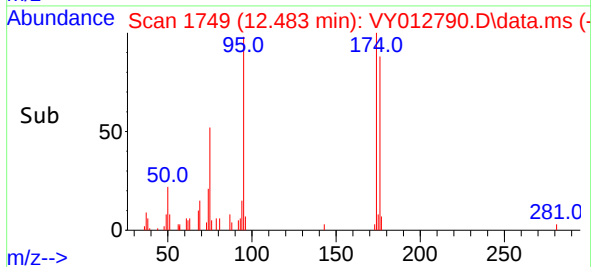
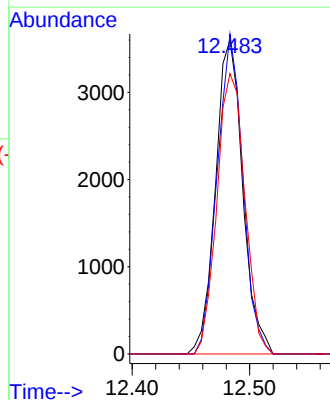
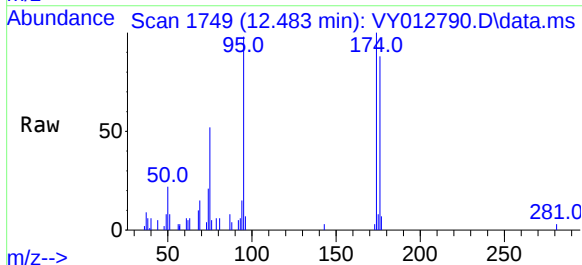
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

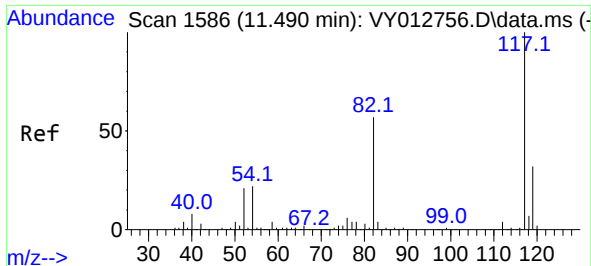
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
58 53.6 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 95 Resp: 5794
Ion Ratio Lower Upper
95 100
174 96.1 0.0 176.6
176 91.5 0.0 170.2

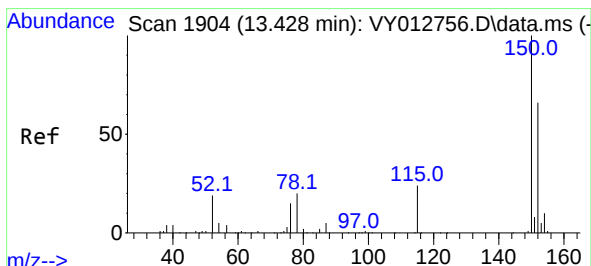
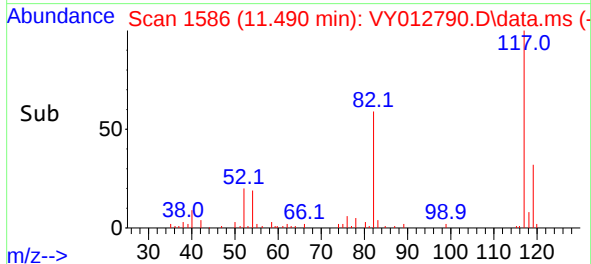
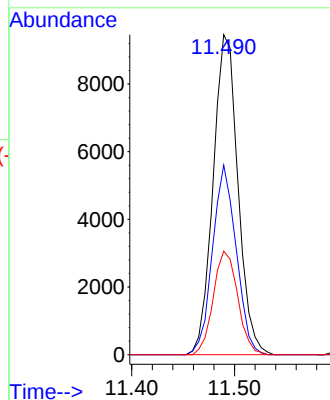
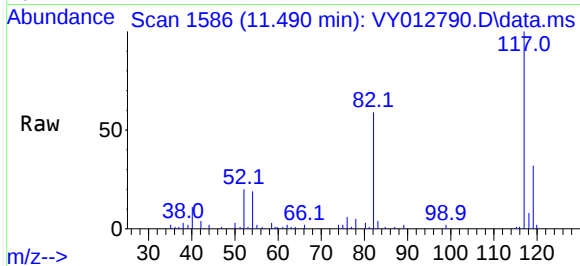




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

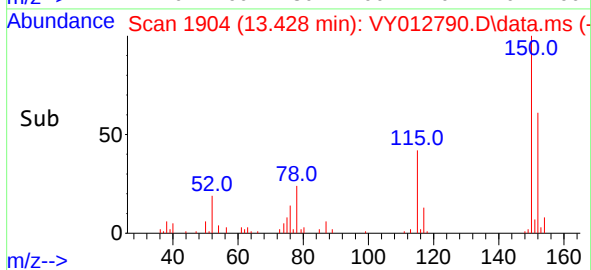
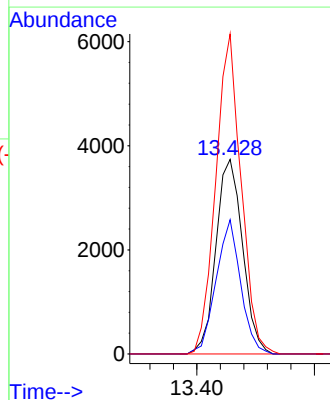
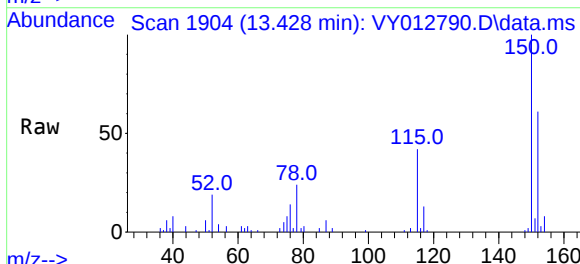
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

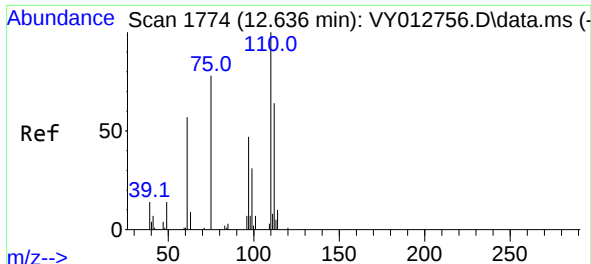
Tgt Ion:	117	Resp:	15861
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.4	68.0
119	32.4	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion:	152	Resp:	5880
Ion	Ratio	Lower	Upper
152	100		
115	63.8	27.1	81.3
150	156.8	0.0	347.8

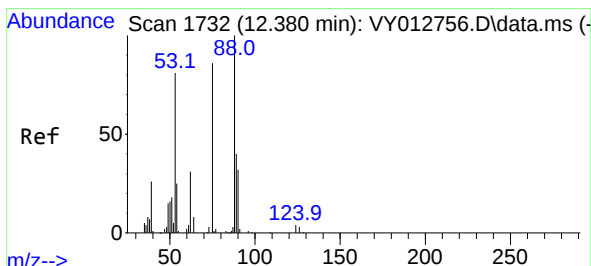
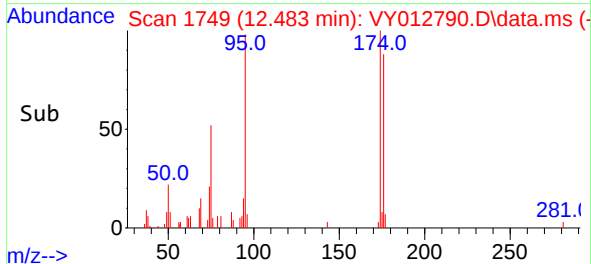
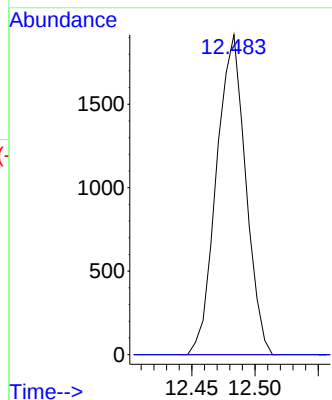
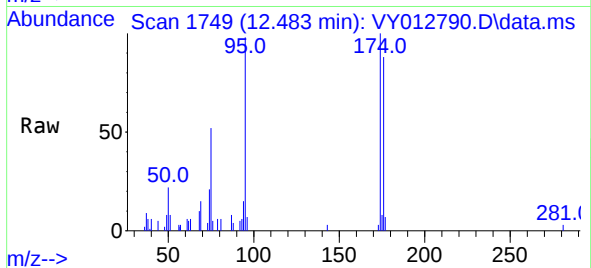




#76
1,2,3-Trichloropropane
Concen: 43.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 90.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012790.D
Acq: 03 Mar 2023 12:38

Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#

