

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014796.D
 Acq On : 25 Jul 2023 12:58
 Operator : SY/MD
 Sample : 03719-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P23BRE

Quant Time: Jul 25 14:14:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

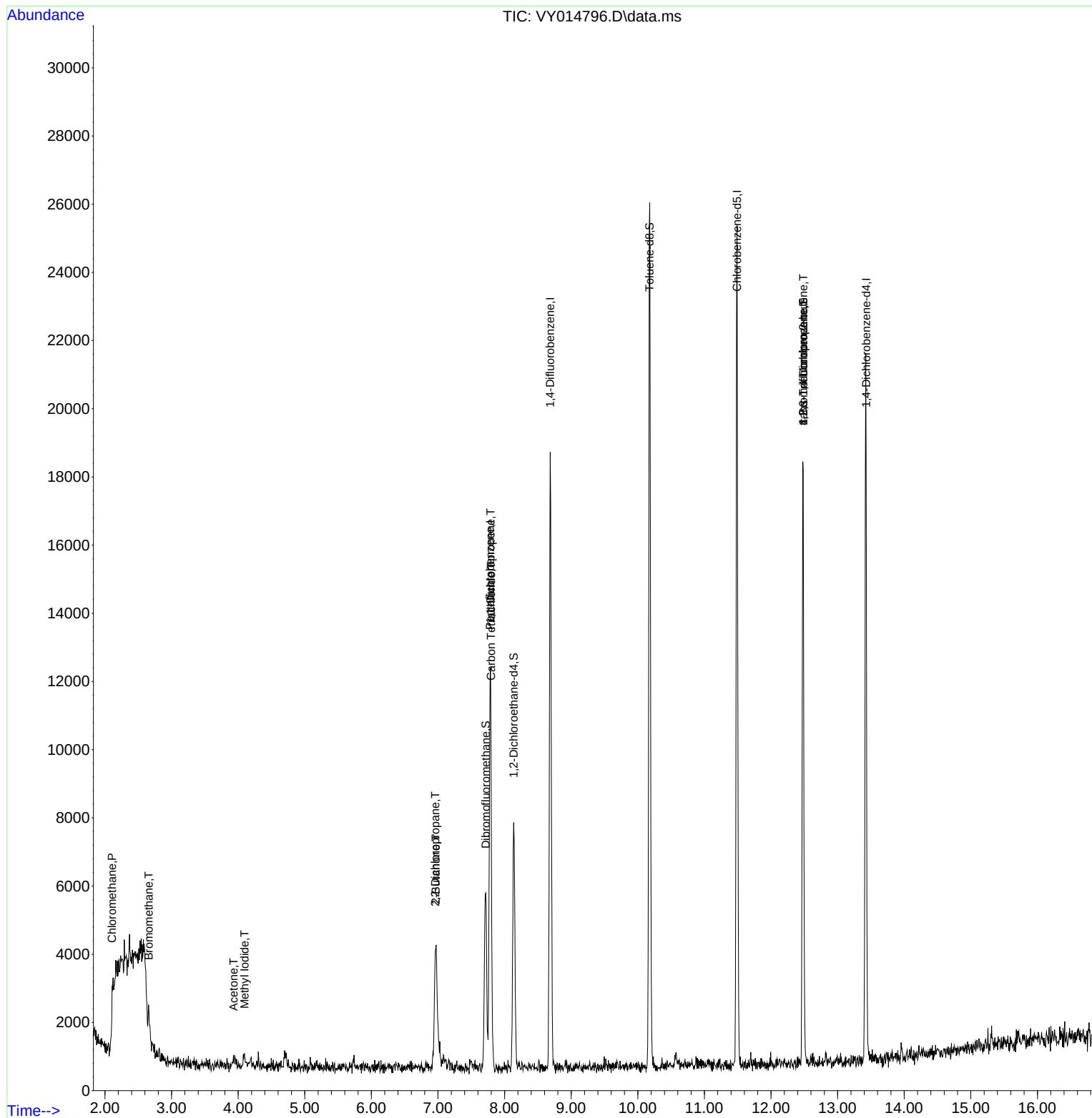
Internal Standards						
1) Pentafluorobenzene	7.783	168	9626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5708	52.037	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.716	113	3762	38.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.380%	
50) Toluene-d8	10.179	98	17714	49.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.820%	
62) 4-Bromofluorobenzene	12.483	95	5571	40.526	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.060%	
Target Compounds						Qvalue
3) Chloromethane	2.107	50	290	3.290	ug/l #	77
5) Bromomethane	2.656	94	378	5.806	ug/l #	62
10) Methyl Iodide	4.094	142	512	6.906	ug/l #	58
16) Acetone	3.930	43	413	11.881	ug/l #	46
20) Methylene Chloride	4.704	84	392	Below Cal	#	20
25) 2-Butanone	6.966	43	128	2.517	ug/l #	49
26) 2,2-Dichloropropane	6.960	77	287	1.538	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	905	6.223	ug/l #	41
38) Carbon Tetrachloride	7.795	117	992	6.453	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2816	39.894	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2816	77.241	ug/l #	10

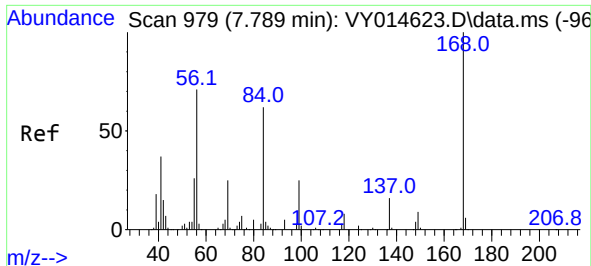
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-P23BRE

Quant Time: Jul 25 14:14:17 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

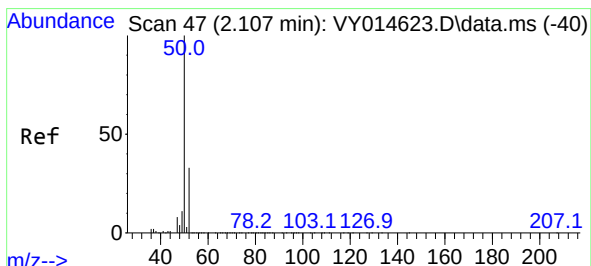
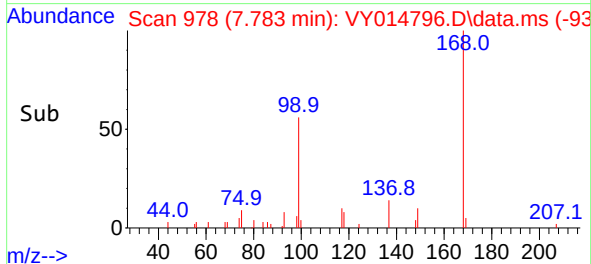
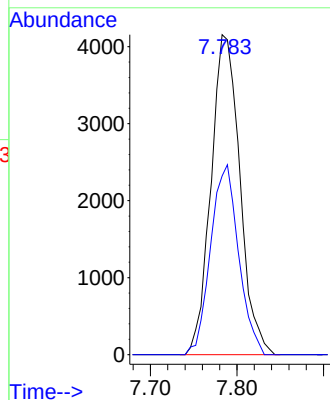
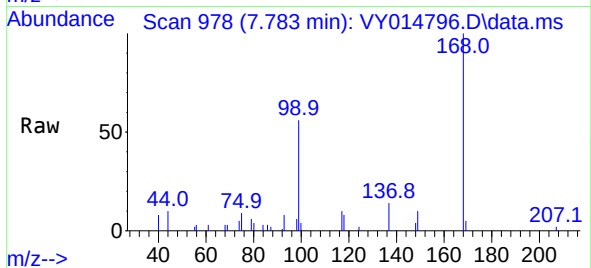




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

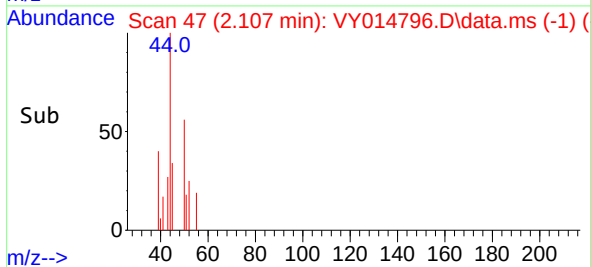
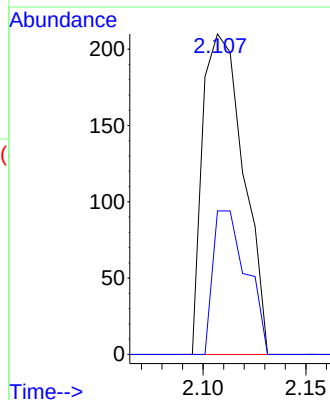
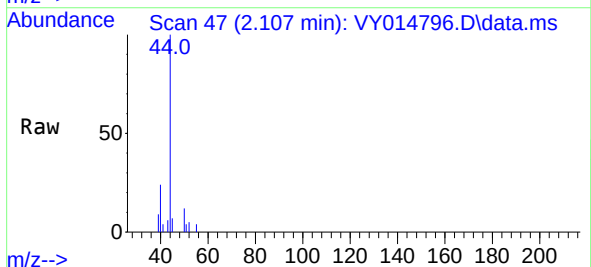
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

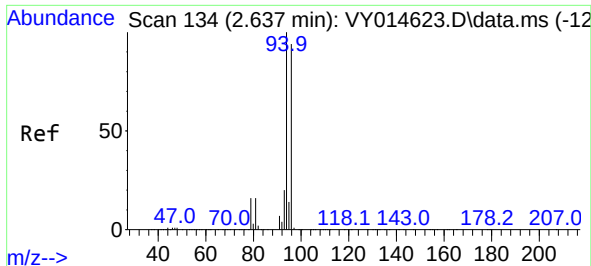
Tgt Ion:168 Resp: 9626
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#3
Chloromethane
Concen: 3.290 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 50 Resp: 290
Ion Ratio Lower Upper
50 100
52 44.8 25.4 38.2#

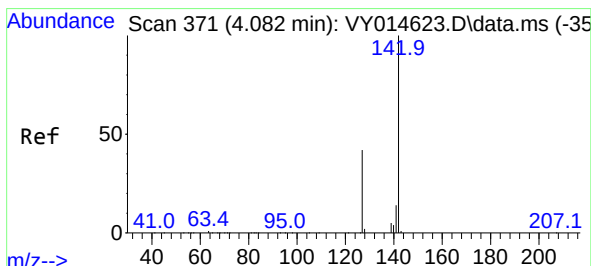
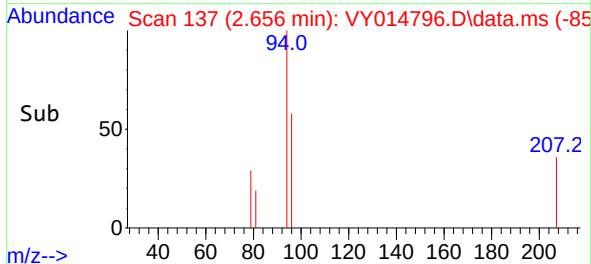
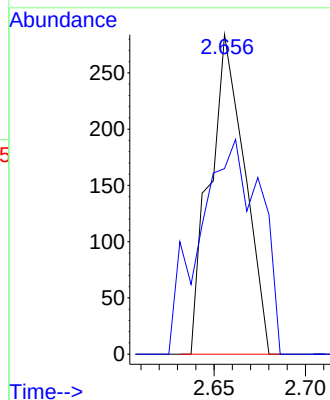
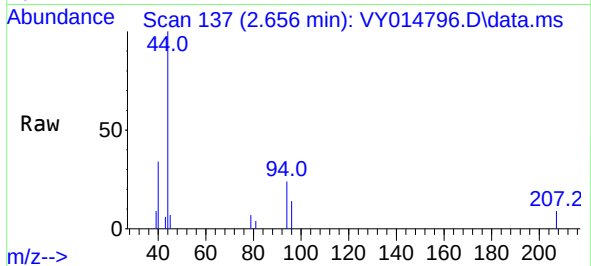




#5
Bromomethane
Concen: 5.806 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

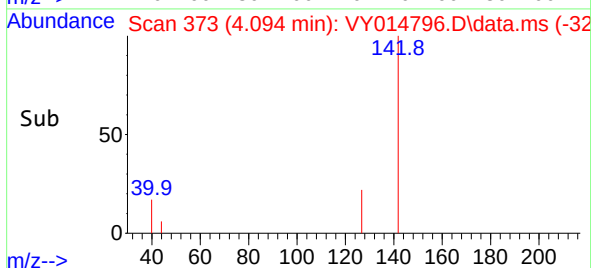
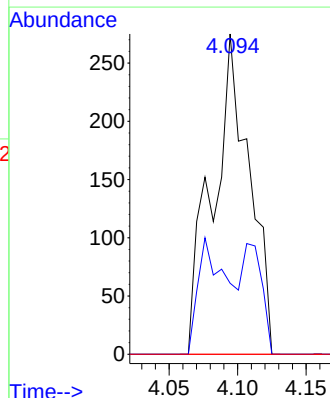
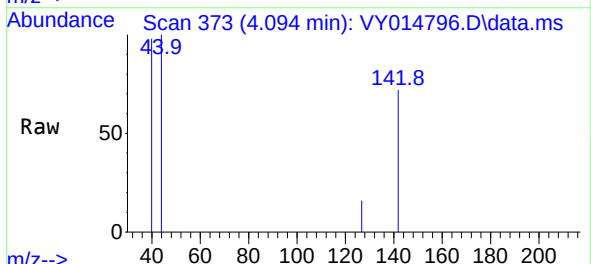
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

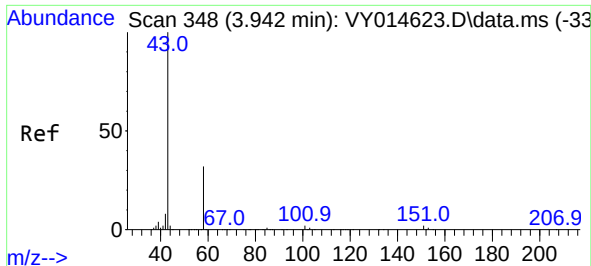
Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 58.1 75.8 113.6#



#10
Methyl Iodide
Concen: 6.906 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 142 Resp: 512
Ion Ratio Lower Upper
142 100
127 17.4 37.6 56.4#
141 0.0 11.8 17.8#

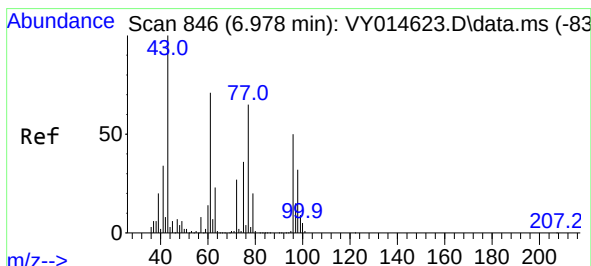
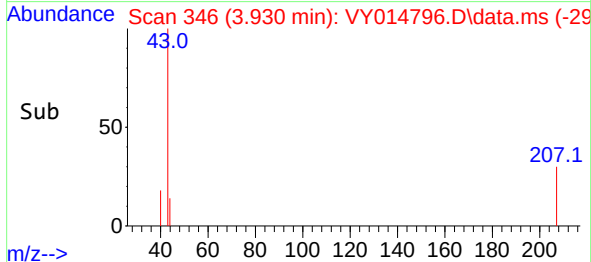
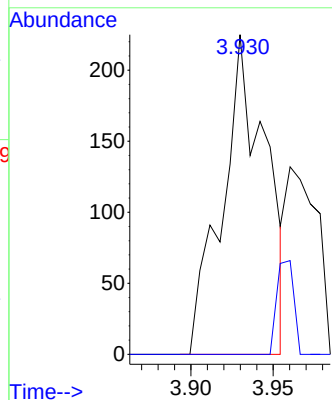
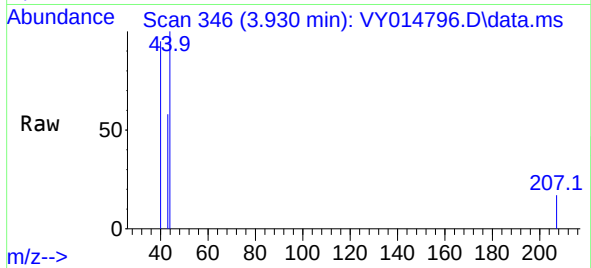




#16
Acetone
Concen: 11.881 ug/l
RT: 3.930 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

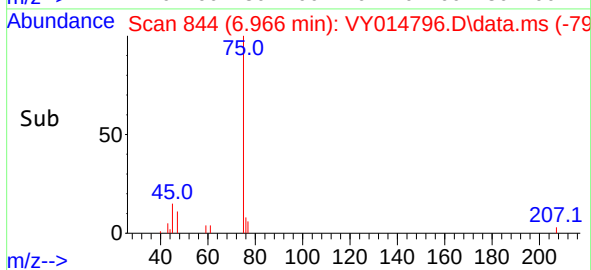
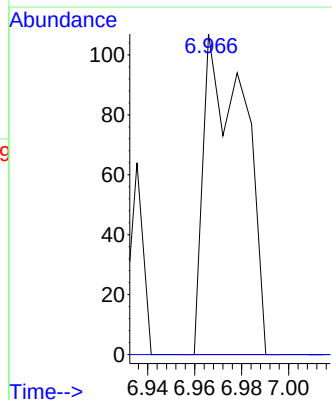
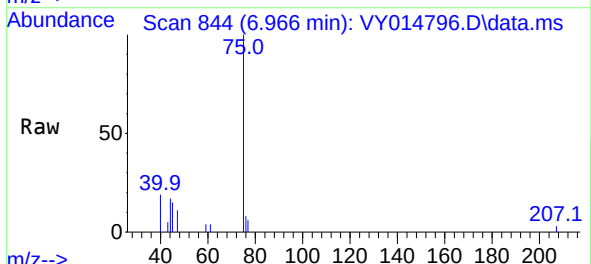
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

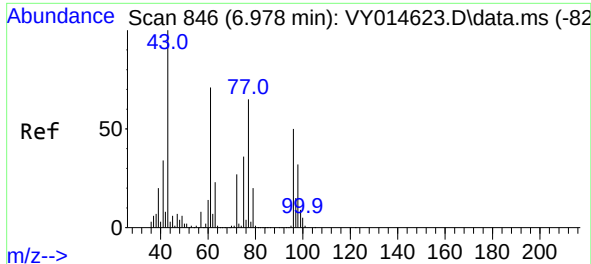
Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#25
2-Butanone
Concen: 2.517 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#

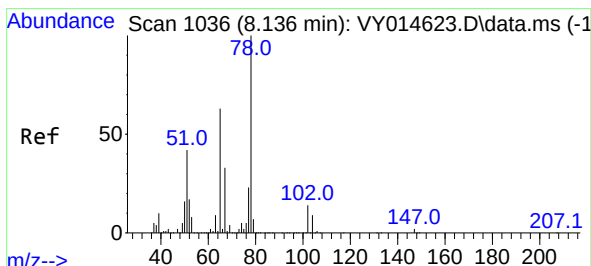
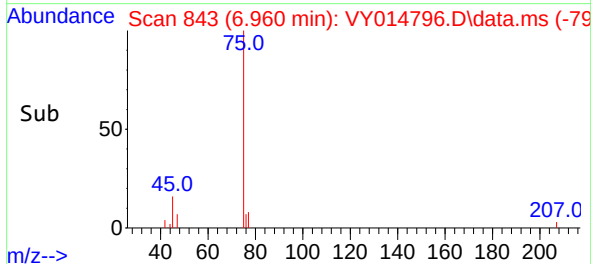
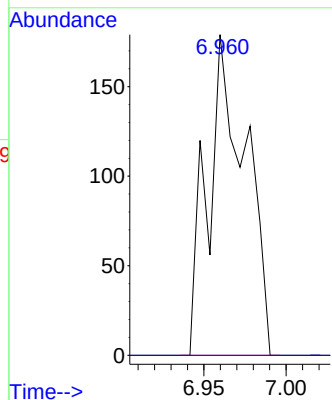
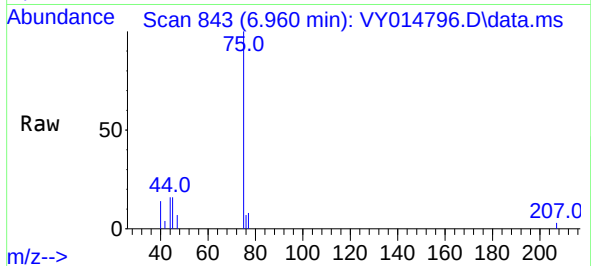




#26
2,2-Dichloropropane
Concen: 1.538 ug/l
RT: 6.960 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

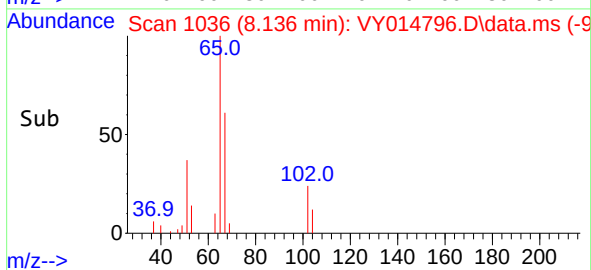
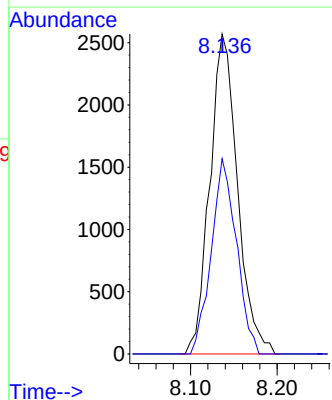
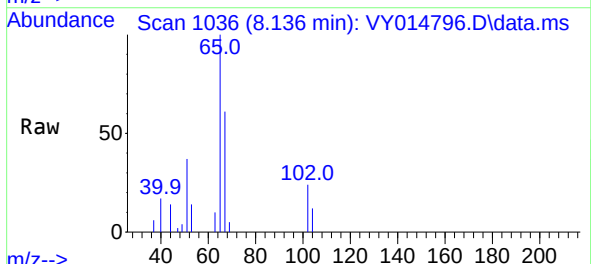
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

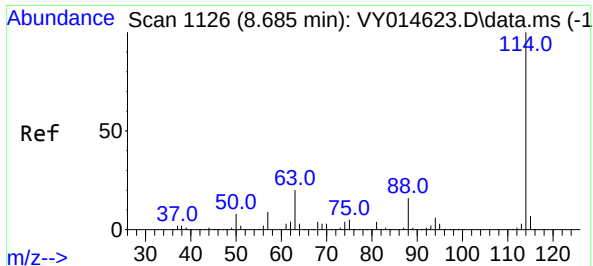
Tgt Ion: 77 Resp: 287
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 52.037 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 65 Resp: 5708
Ion Ratio Lower Upper
65 100
67 55.4 0.0 101.8

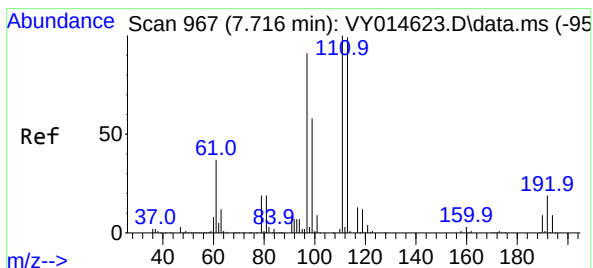
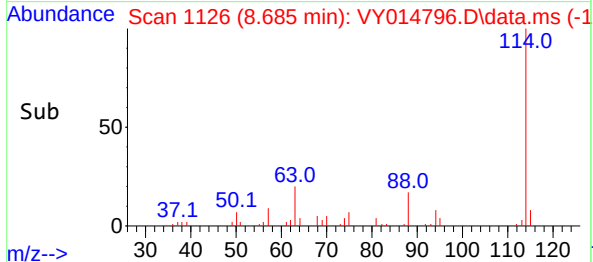
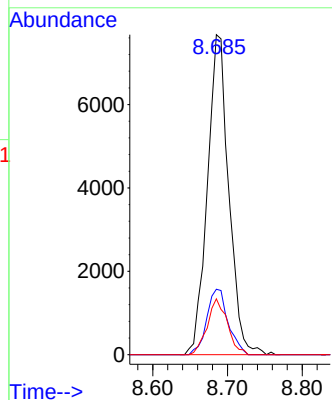
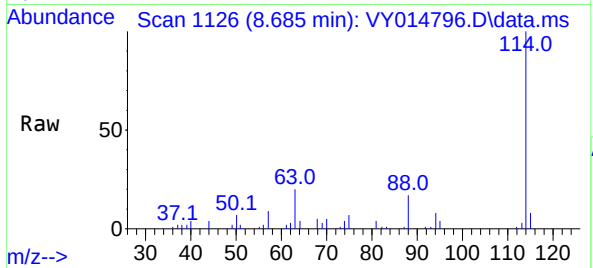




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

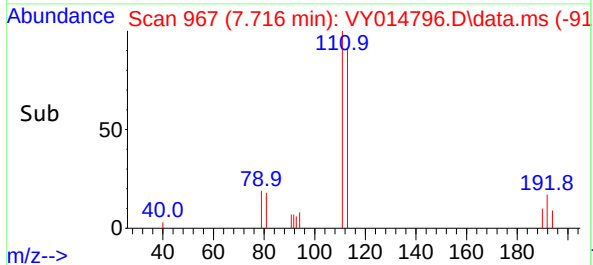
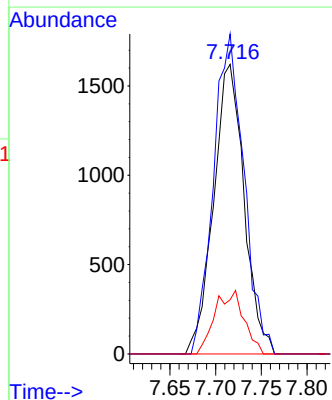
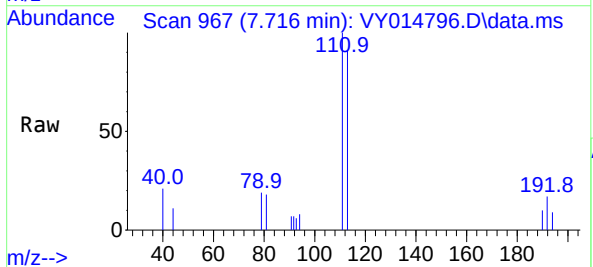
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

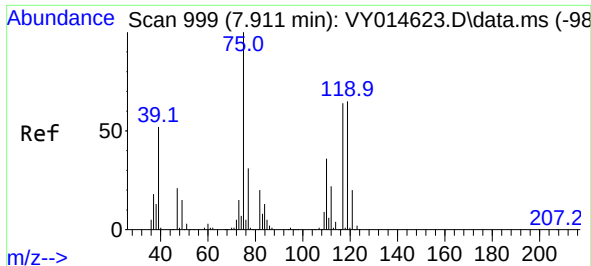
Tgt Ion:114 Resp: 15276
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 17.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 38.686 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion:113 Resp: 3762
Ion Ratio Lower Upper
113 100
111 110.5 81.3 121.9
192 20.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.223 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY014796.D

Acq: 25 Jul 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

B-P23BRE

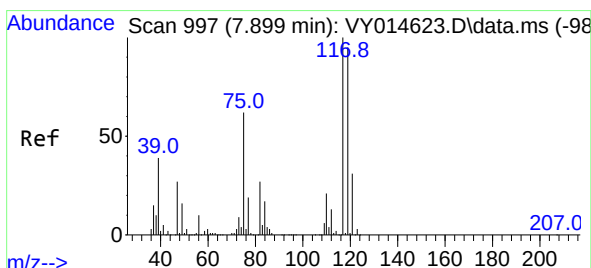
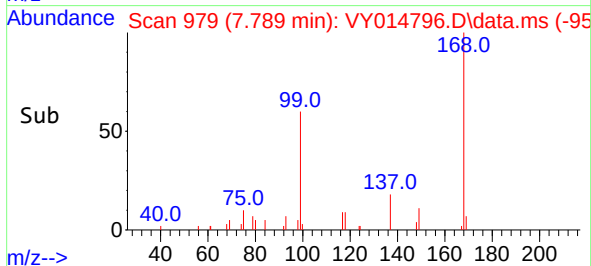
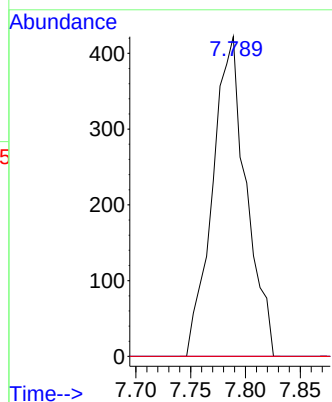
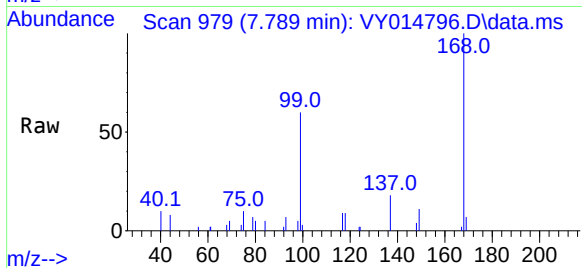
Tgt Ion: 75 Resp: 905

Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.453 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY014796.D

Acq: 25 Jul 2023 12:58

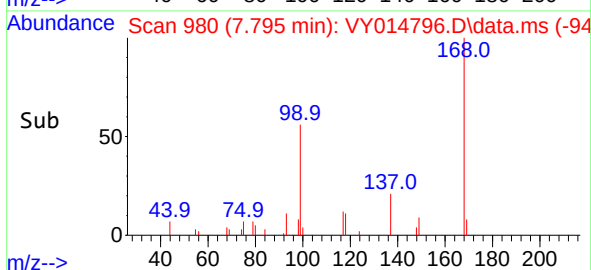
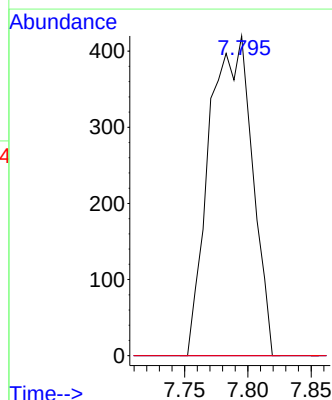
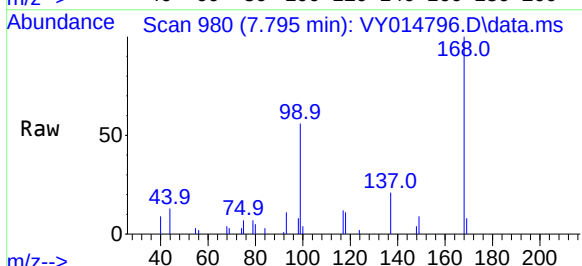
Tgt Ion: 117 Resp: 992

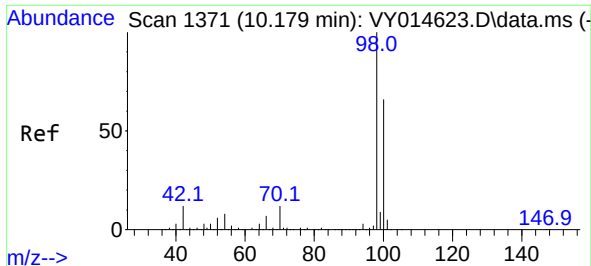
Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

121 0.0 25.8 38.6#

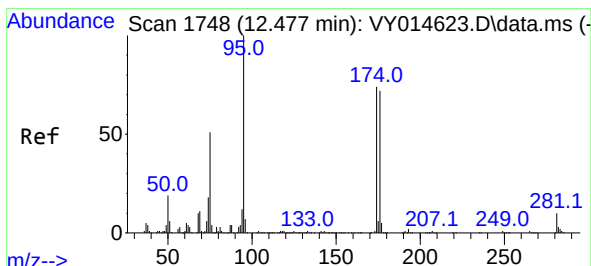
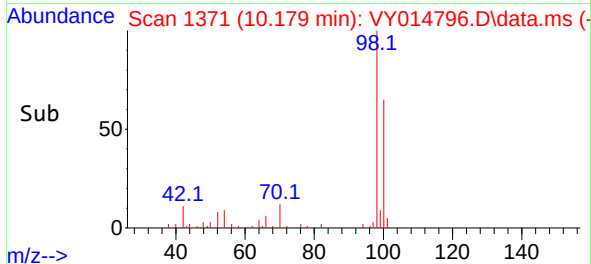
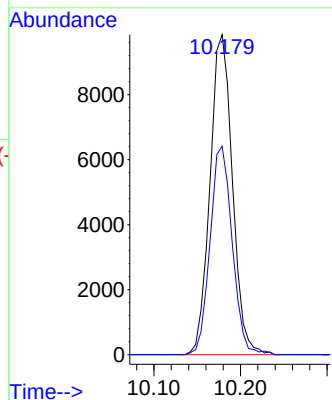
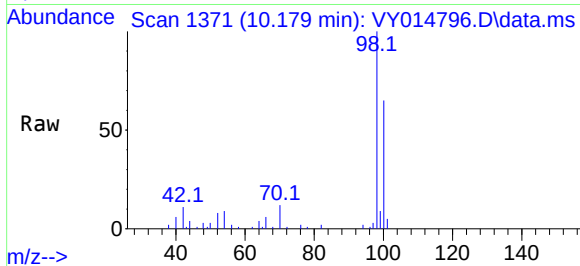




#50
Toluene-d8
Concen: 49.409 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

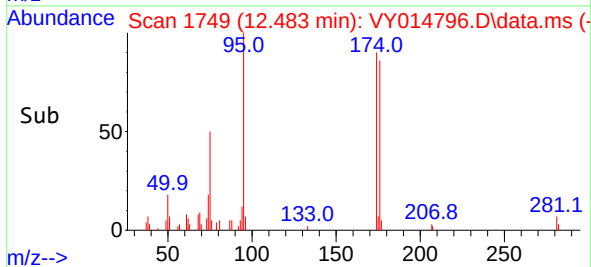
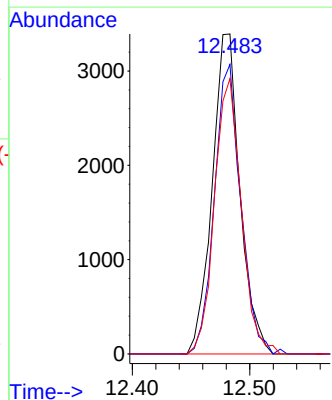
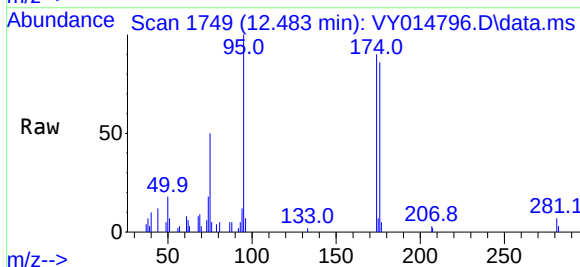
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

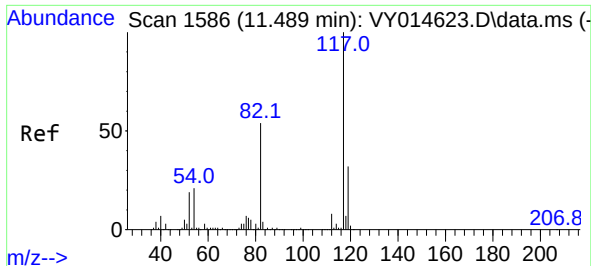
Tgt Ion: 98 Resp: 17714
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 95 Resp: 5571
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.2 0.0 173.8

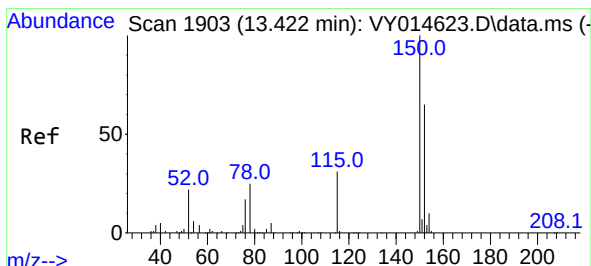
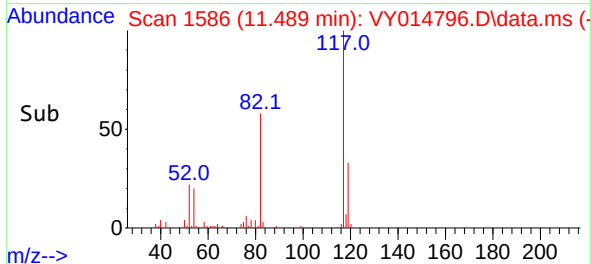
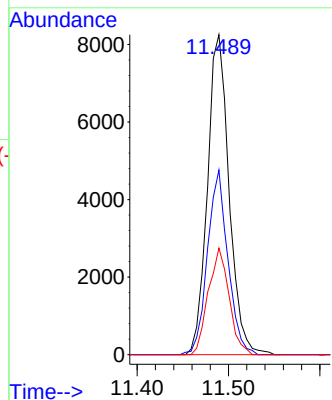
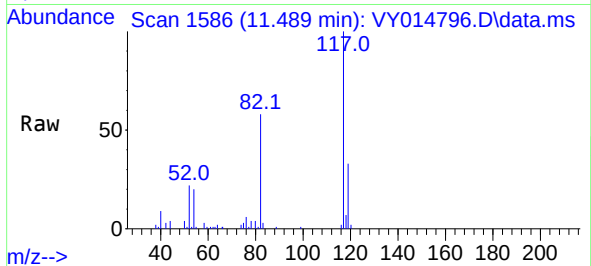




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

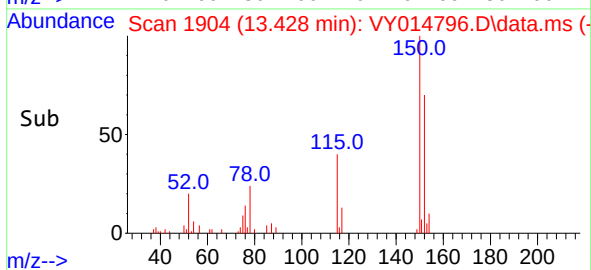
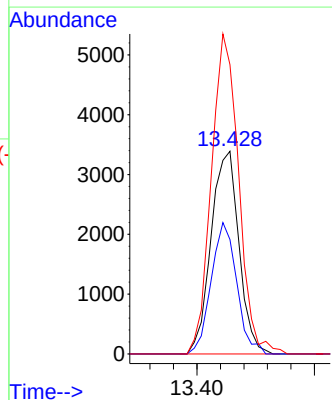
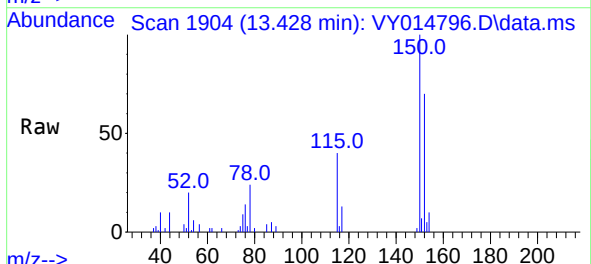
Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

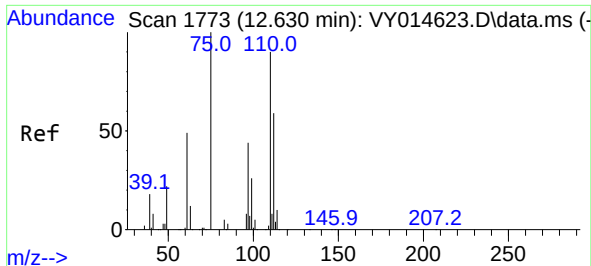
Tgt Ion:	117	Resp:	13557
Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.4	65.0
119	33.3	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion:	152	Resp:	5589
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.8	86.5
150	154.6	0.0	348.8

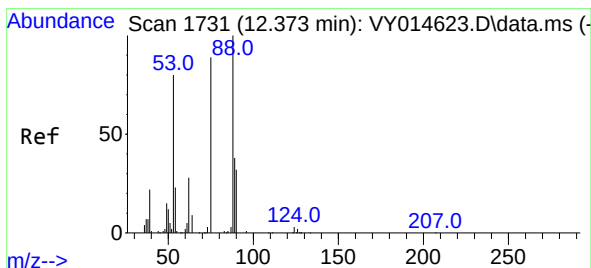
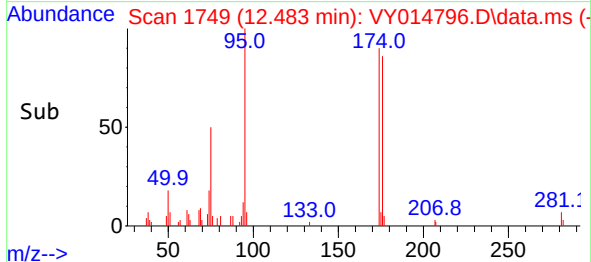
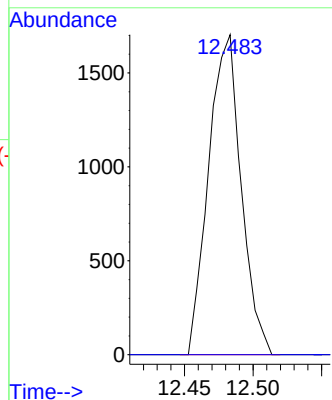
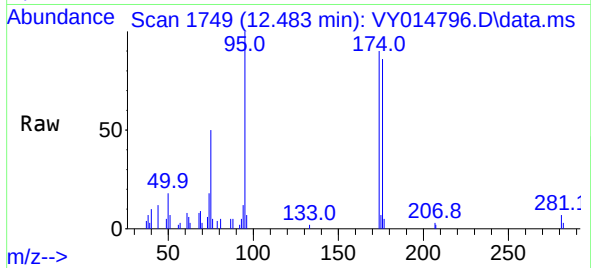




#76
1,2,3-Trichloropropane
Concen: 39.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Instrument :
MSVOA_Y
ClientSampleId :
B-P23BRE

Tgt Ion: 75 Resp: 2816
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 77.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY014796.D
Acq: 25 Jul 2023 12:58

Tgt Ion: 75 Resp: 2816
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

