

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014793.D
 Acq On : 25 Jul 2023 11:47
 Operator : SY/MD
 Sample : 03719-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P11BRE

Quant Time: Jul 25 14:13:50 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)

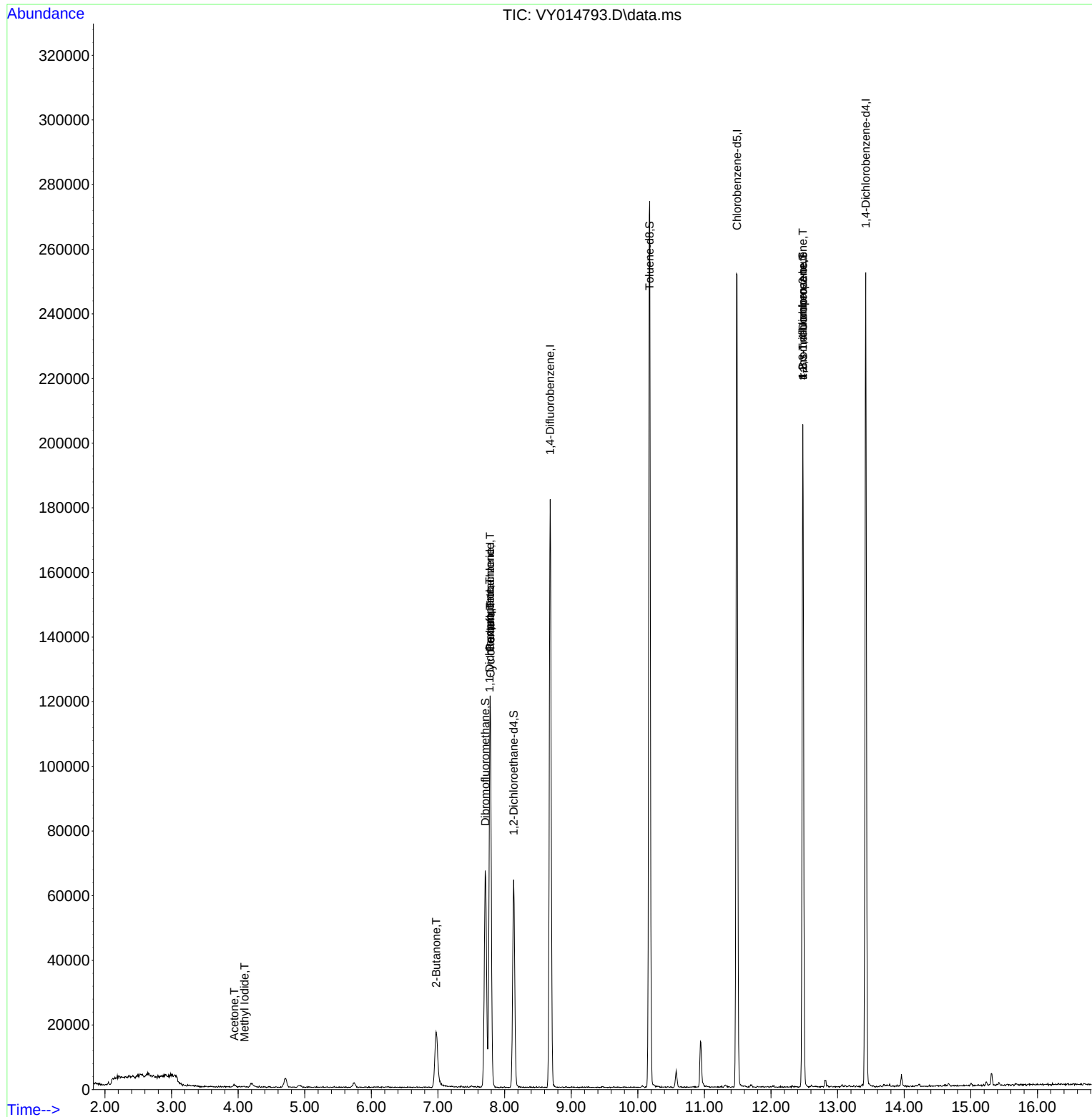
Internal Standards						
1) Pentafluorobenzene	7.783	168	91869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50247	47.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.710	113	47545	47.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.179	98	183053	49.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.477	95	61612	43.256	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.520%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	341	2.686	ug/l #	55
11) Tert butyl alcohol	4.930	59	684	Below Cal	#	89
16) Acetone	3.942	43	1261	3.801	ug/l #	77
20) Methylene Chloride	4.710	84	2213	Below Cal		89
25) 2-Butanone	6.972	43	1327	2.734	ug/l #	82
31) Cyclohexane	7.789	56	2101	1.209	ug/l #	2
36) 1,1-Dichloropropene	7.777	75	7614	5.053	ug/l #	50
38) Carbon Tetrachloride	7.783	117	9495	5.961	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	33553	41.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33553	81.298	ug/l #	11

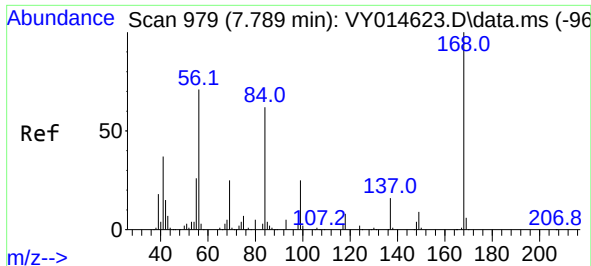
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

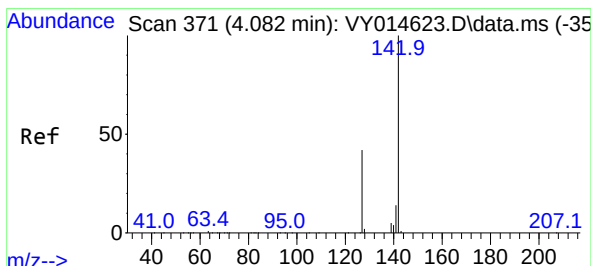
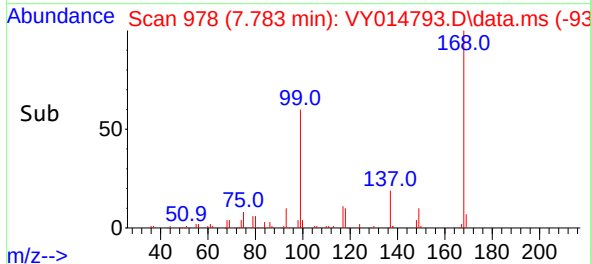
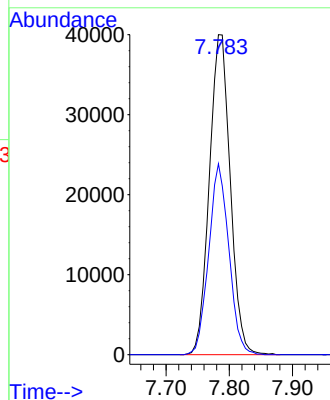
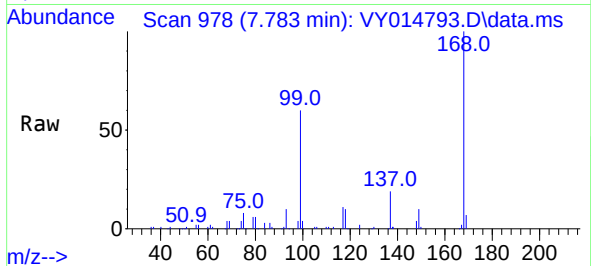




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

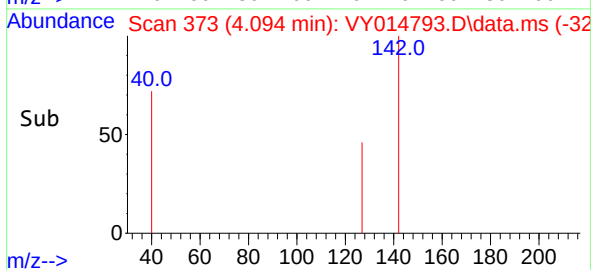
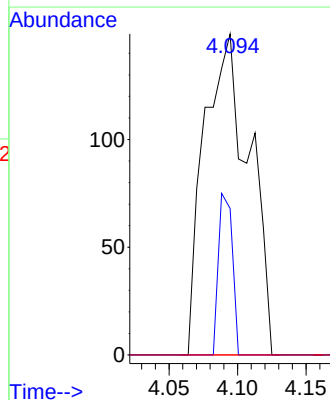
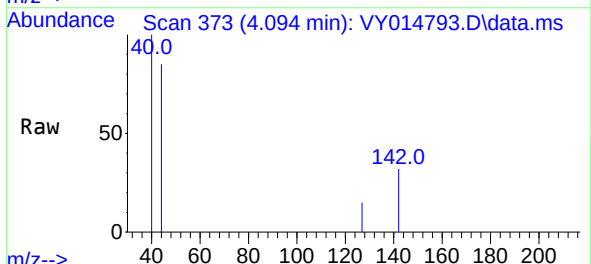
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

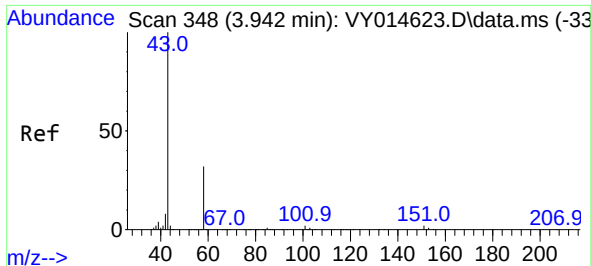
Tgt Ion:168 Resp: 91869
Ion Ratio Lower Upper
168 100
99 59.7 43.4 65.0



#10
Methyl Iodide
Concen: 2.686 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion:142 Resp: 341
Ion Ratio Lower Upper
142 100
127 15.2 37.6 56.4#
141 0.0 11.8 17.8#

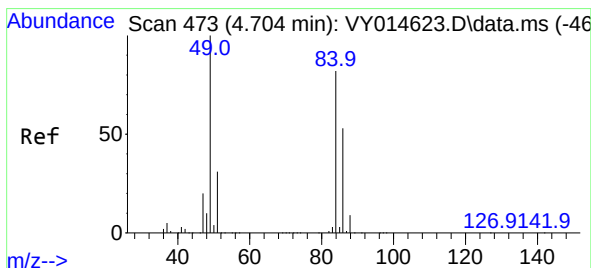
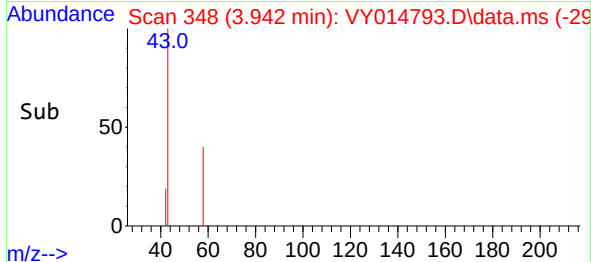
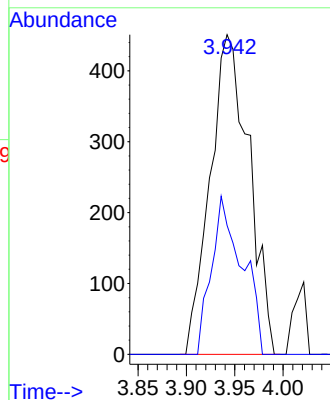
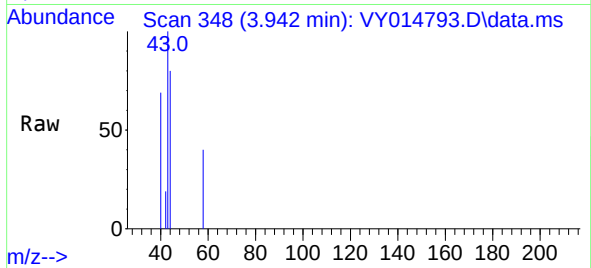




#16
Acetone
Concen: 3.801 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

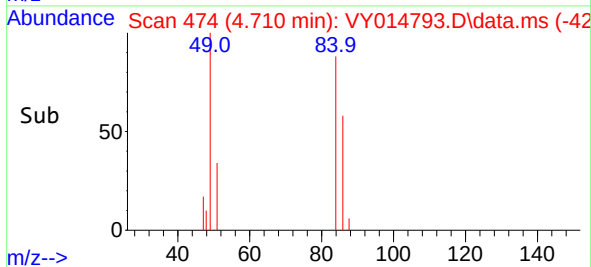
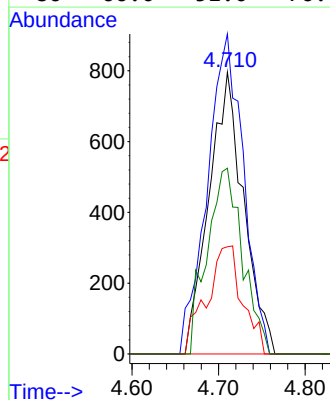
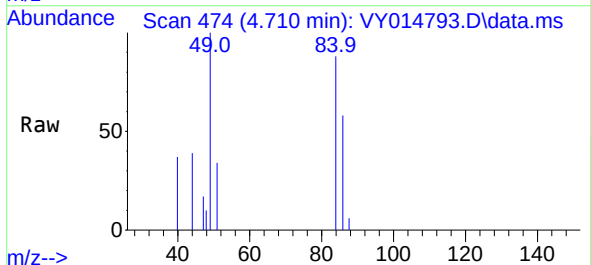
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

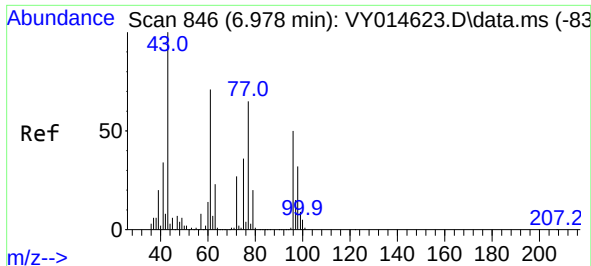
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 40.4 22.7 34.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion: 84 Resp: 2213
Ion Ratio Lower Upper
84 100
49 113.6 106.9 160.3
51 38.1 33.2 49.8
86 66.0 51.0 76.6

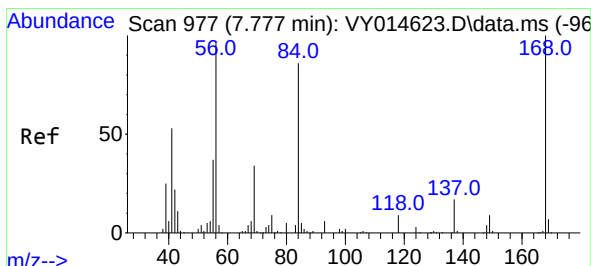
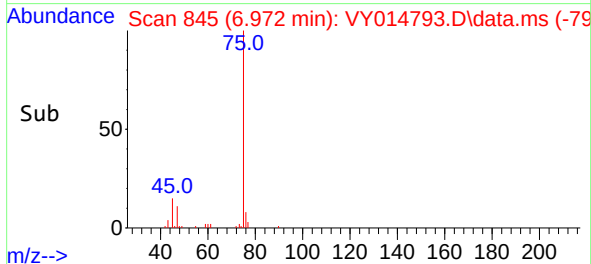
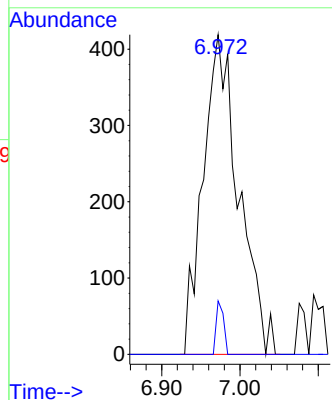
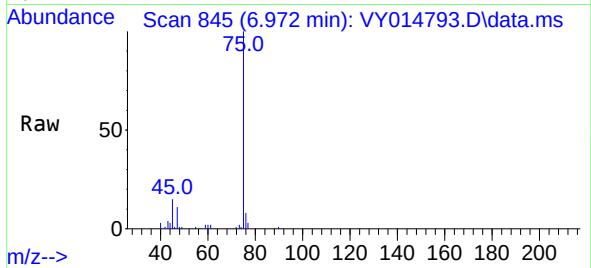




#25
2-Butanone
Concen: 2.734 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

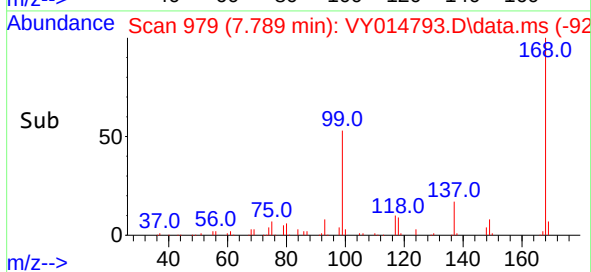
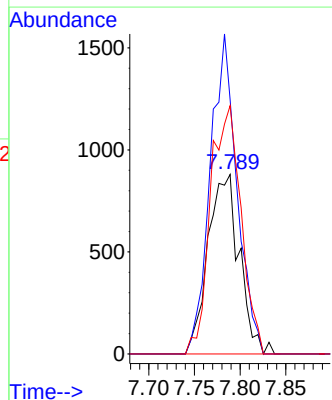
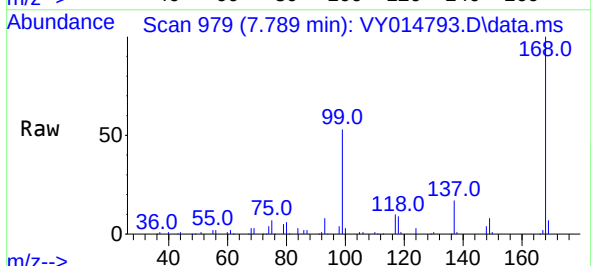
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

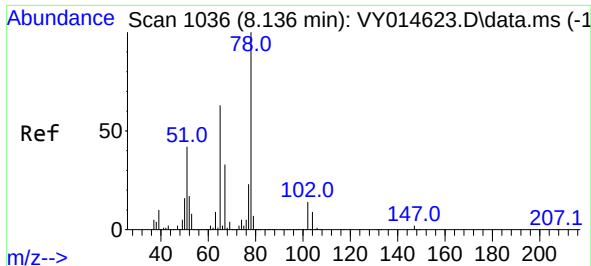
Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
72 16.7 20.5 30.7#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion: 56 Resp: 2101
Ion Ratio Lower Upper
56 100
69 141.6 27.8 41.6#
84 138.3 66.4 99.6#

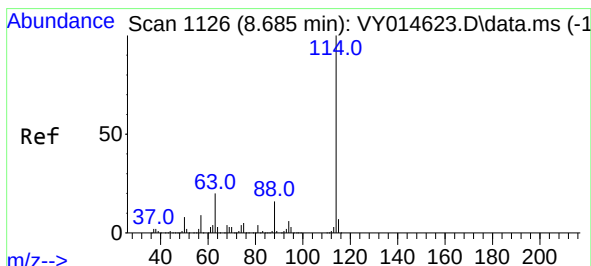
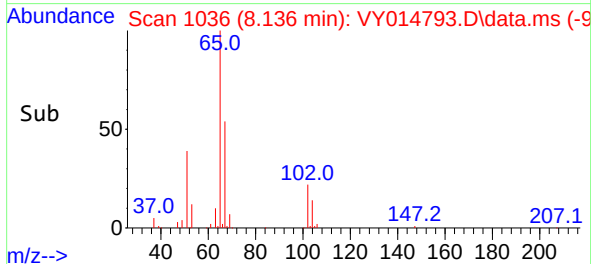
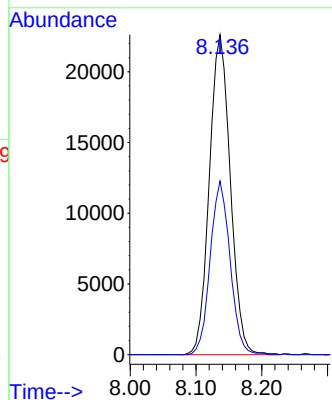
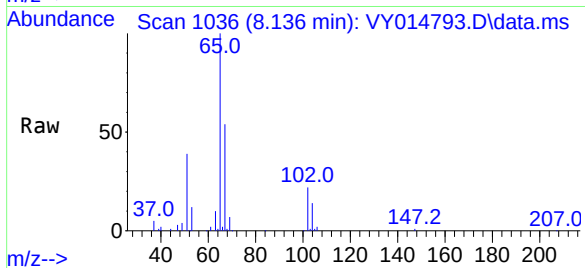




#33
1,2-Dichloroethane-d4
Concen: 47.997 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

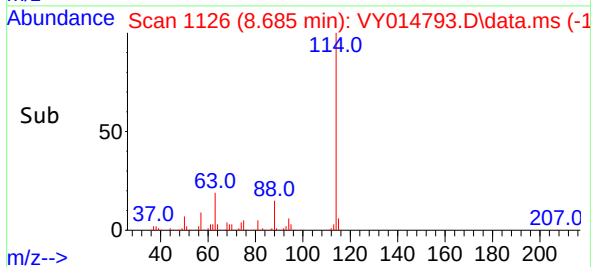
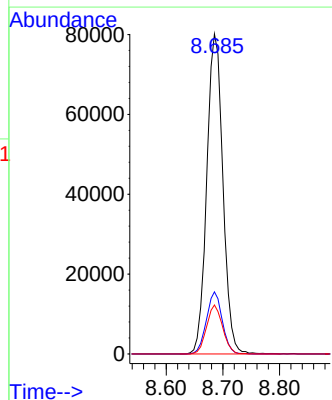
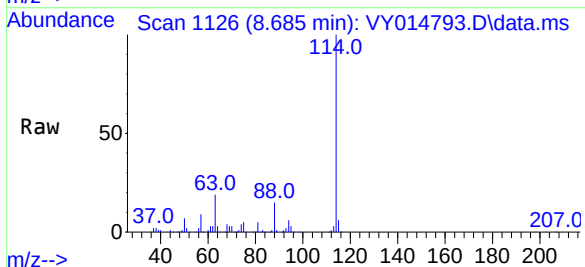
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

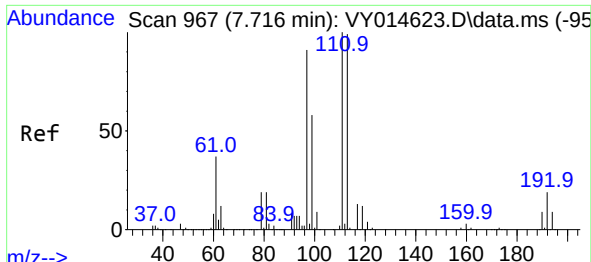
Tgt Ion: 65 Resp: 50247
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion:114 Resp: 158278
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.3 0.0 30.6



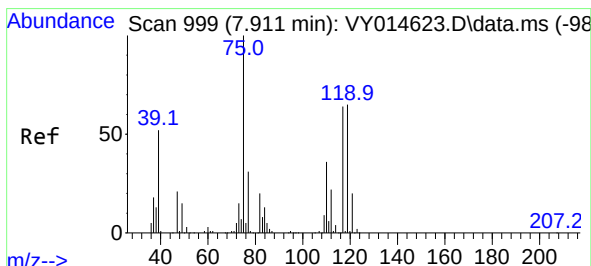
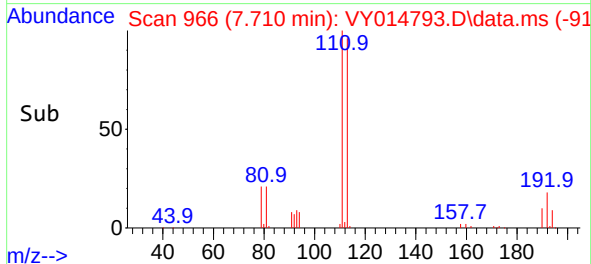
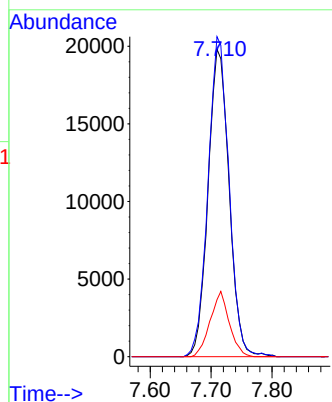
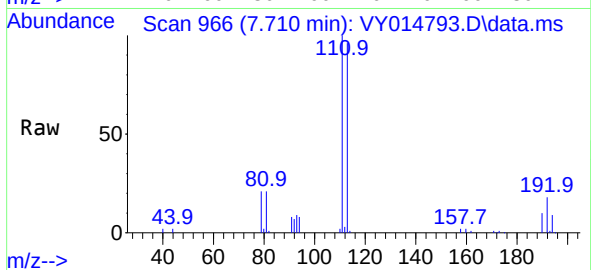


#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

Tgt Ion:113 Resp: 47545

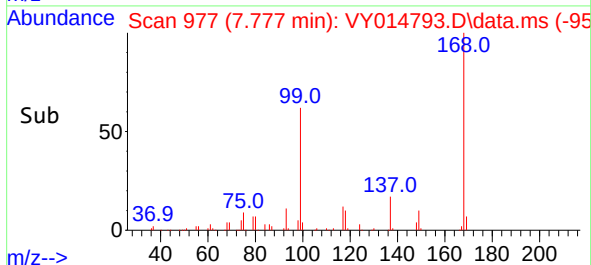
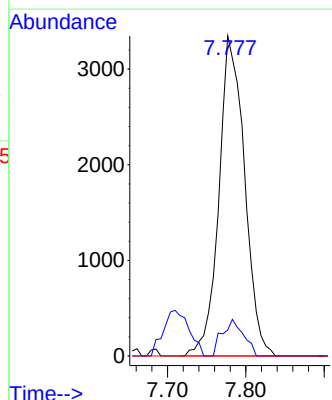
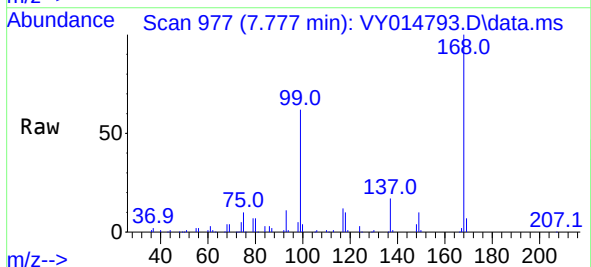
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.3	121.9
192	19.3	16.9	25.3

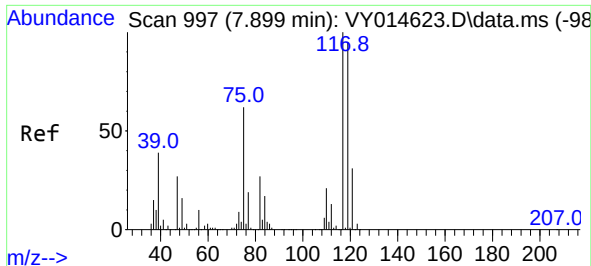


#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion: 75 Resp: 7614

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.8	53.5#
77	0.0	24.4	36.6#

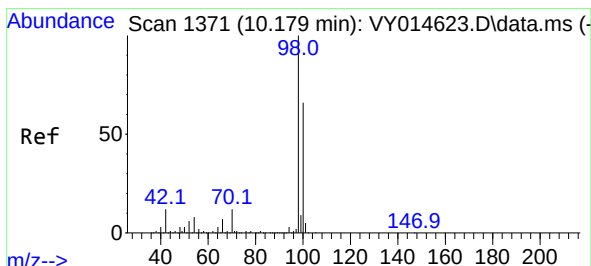
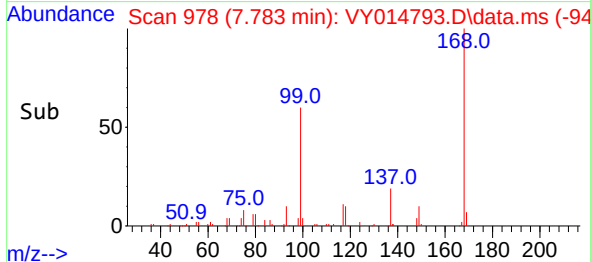
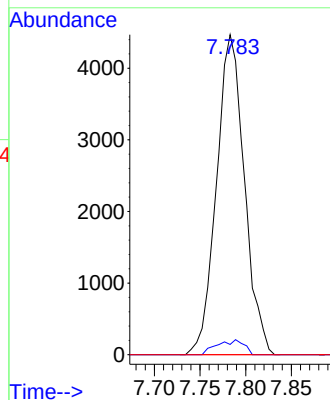
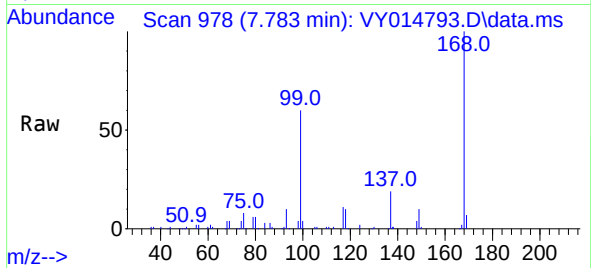




#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

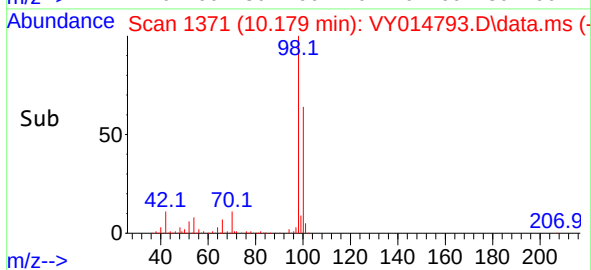
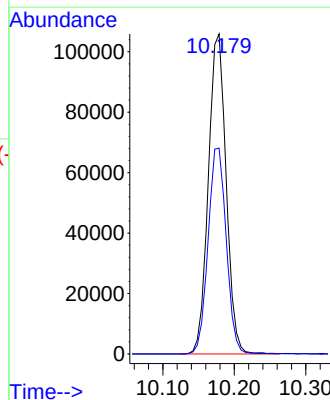
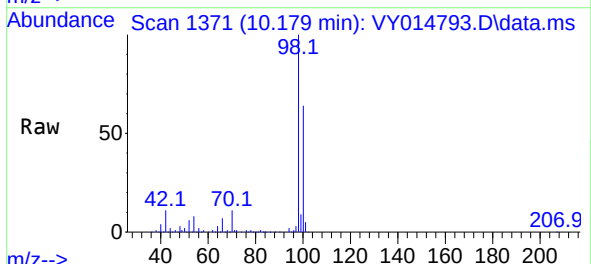
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

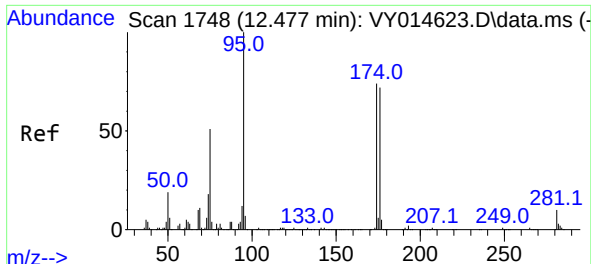
Tgt Ion:117 Resp: 9495
Ion Ratio Lower Upper
117 100
119 3.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.279 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion: 98 Resp: 183053
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

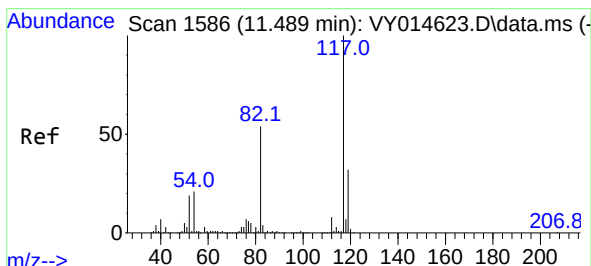
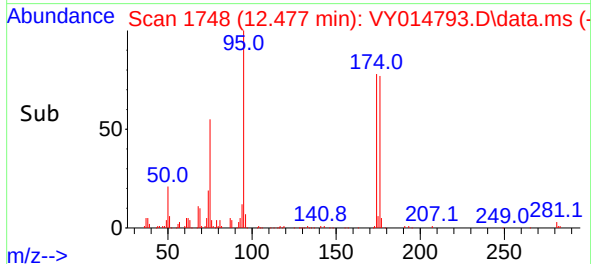
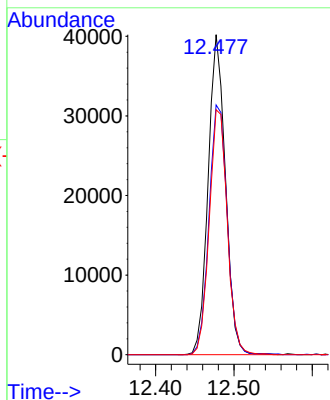
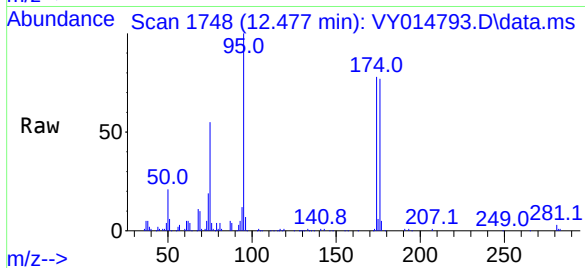




#62
4-Bromofluorobenzene
Concen: 43.256 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

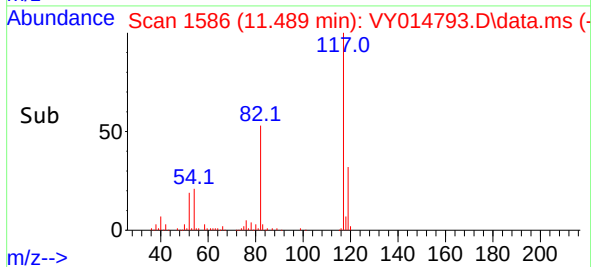
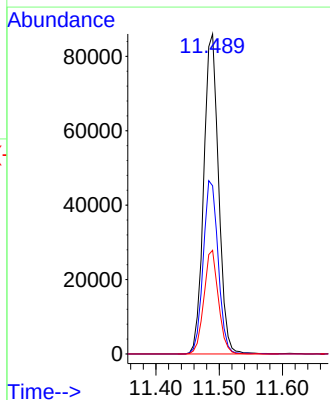
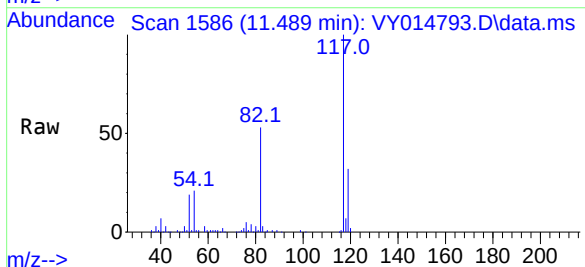
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

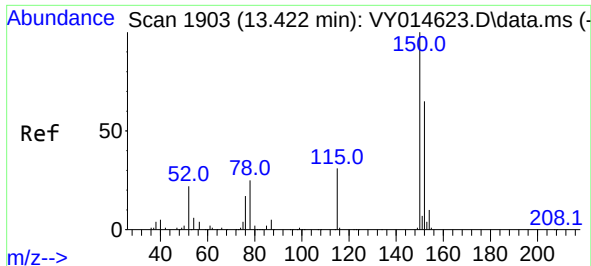
Tgt Ion:	95	Resp:	61612
Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	178.2
176	79.7	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion:	117	Resp:	140505
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.4	65.0
119	32.4	26.3	39.5

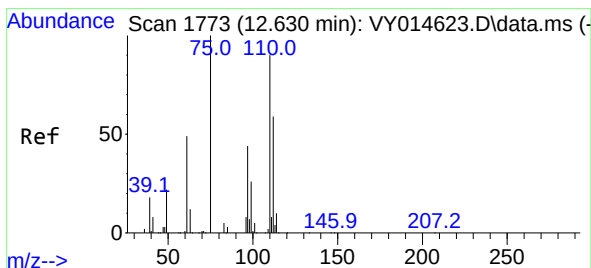
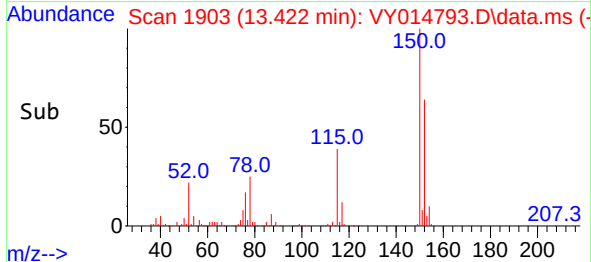
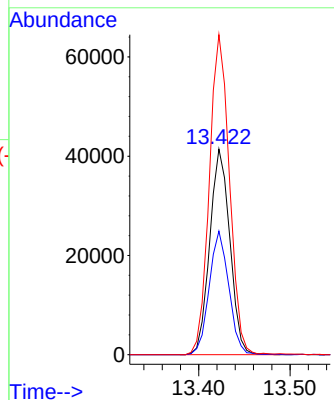
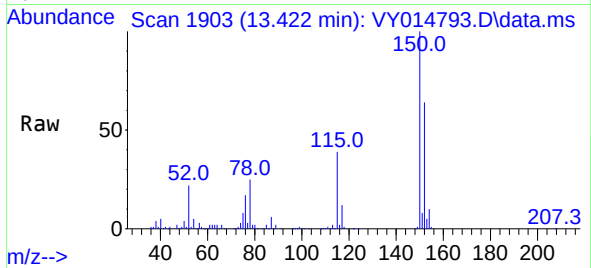




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

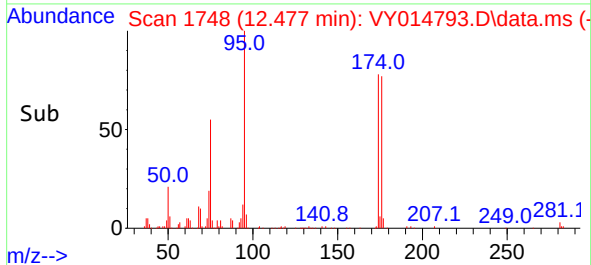
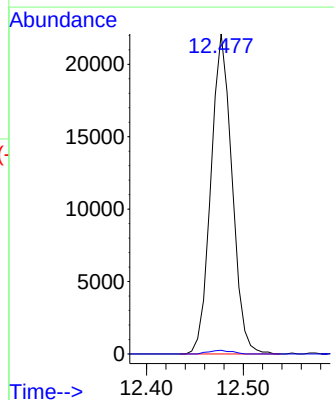
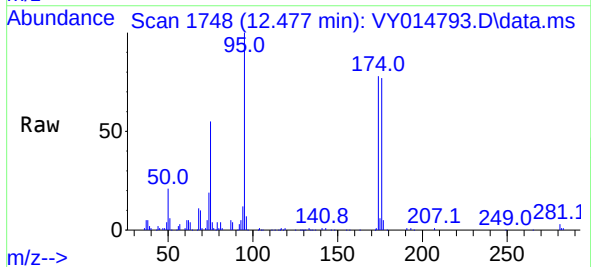
Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

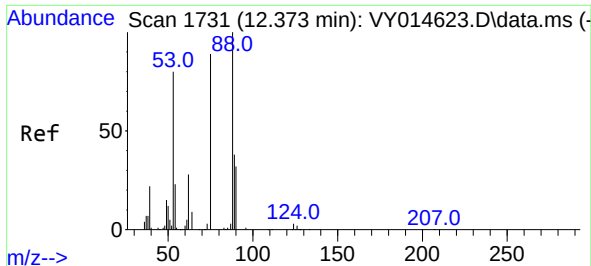
Tgt Ion:152 Resp: 63271
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 155.5 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.989 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Tgt Ion: 75 Resp: 33553
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.298 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014793.D
Acq: 25 Jul 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :
B-P11BRE

Tgt Ion: 75 Resp: 33553
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

