

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015788.D
 Acq On : 02 Oct 2023 19:48
 Operator : SY/MD
 Sample : 04657-08RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 01:27:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

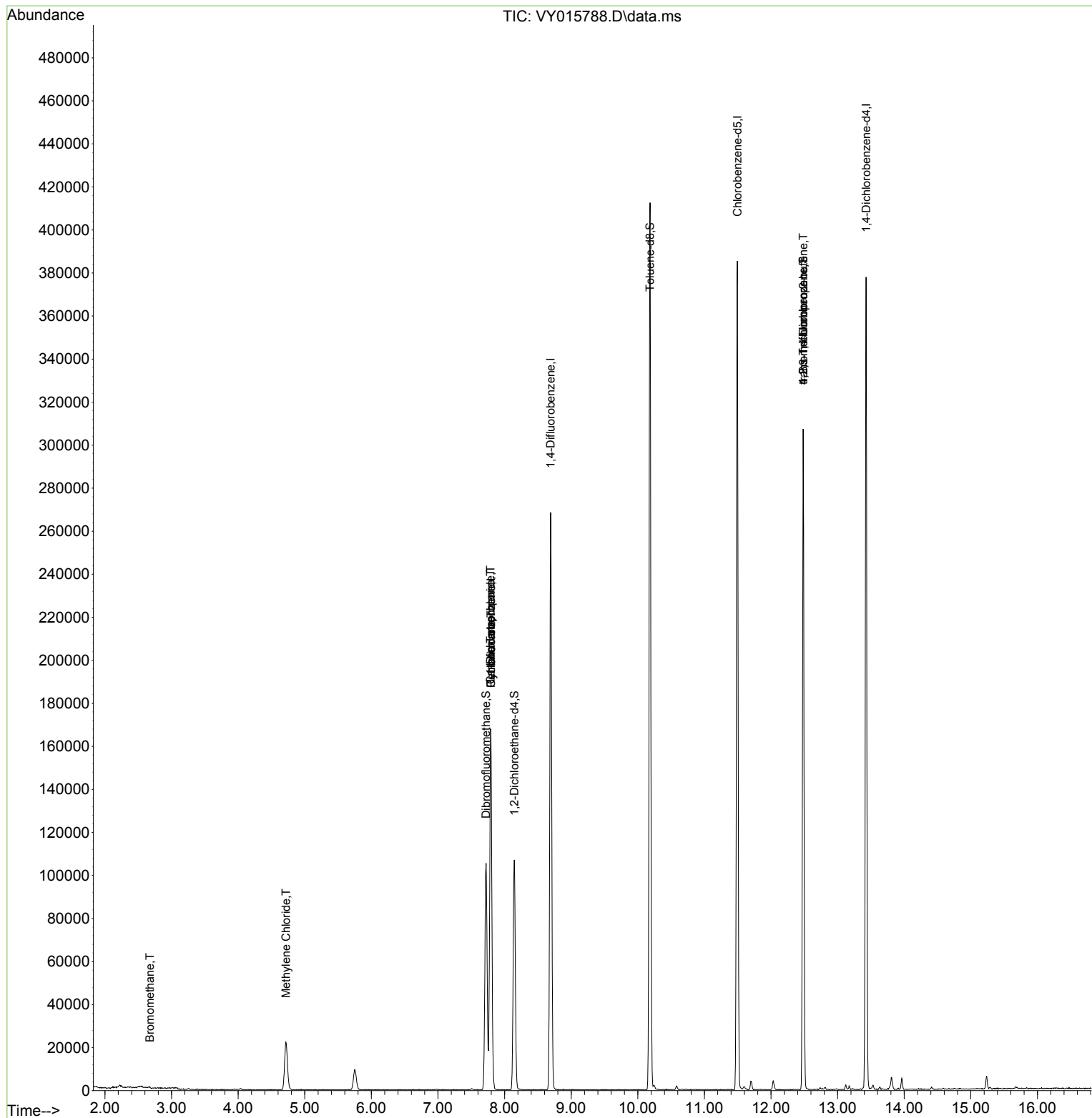
Internal Standards						
1) Pentafluorobenzene	7.795	168	131663	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	230998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	212504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84791	58.531	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.060%	
35) Dibromofluoromethane	7.722	113	75510	54.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.185	98	272749	58.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.360%	
62) 4-Bromofluorobenzene	12.483	95	89622	48.716	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	147	2.669	ug/l	100
11) Tert butyl alcohol	4.960	59	46	Below Cal	#	89
20) Methylene Chloride	4.716	84	17217	5.869	ug/l #	80
31) Cyclohexane	7.795	56	2716	1.353	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10395	5.085	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13221	5.958	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	47760	31.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47760	71.088	ug/l #	11

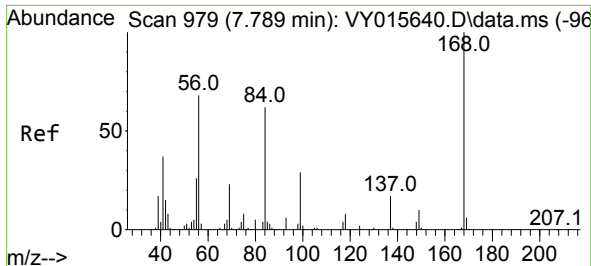
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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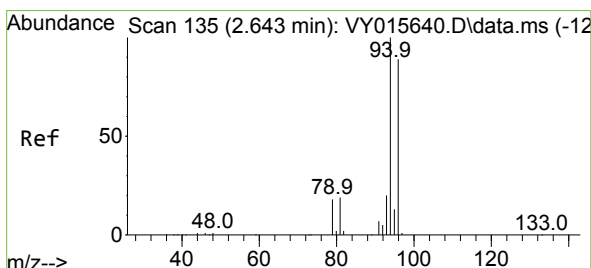
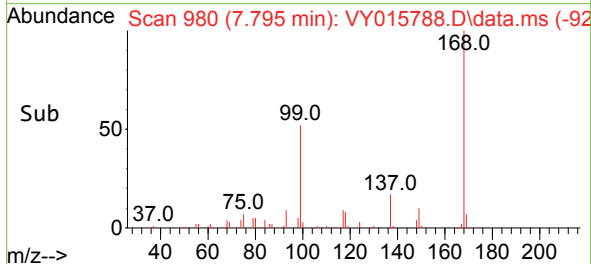
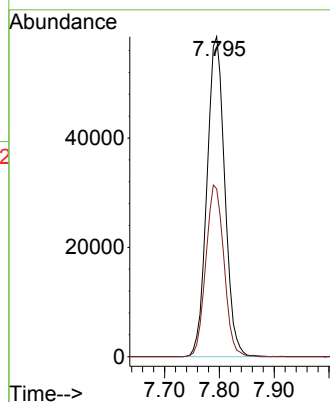
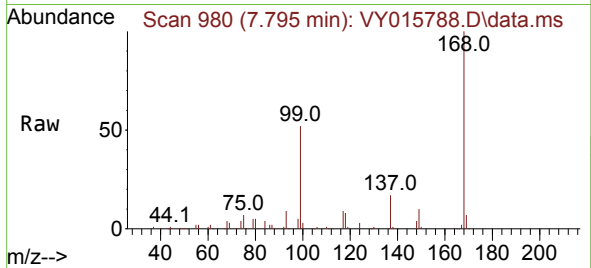




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

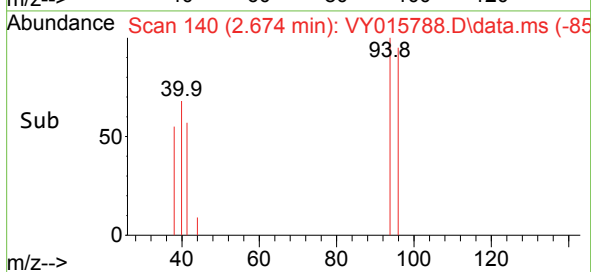
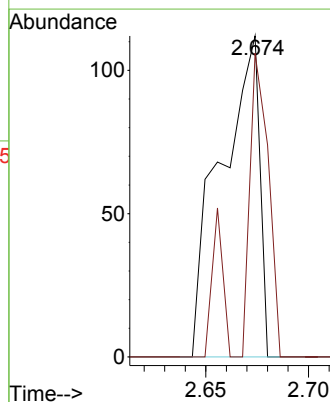
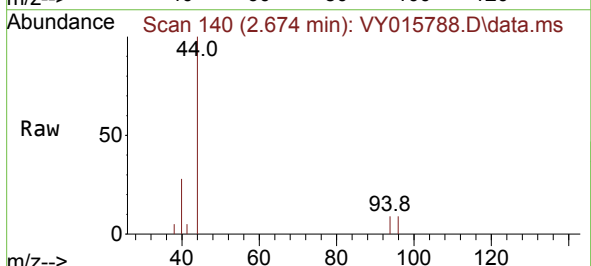
Instrument :
MSVOA_Y
ClientSampleId :

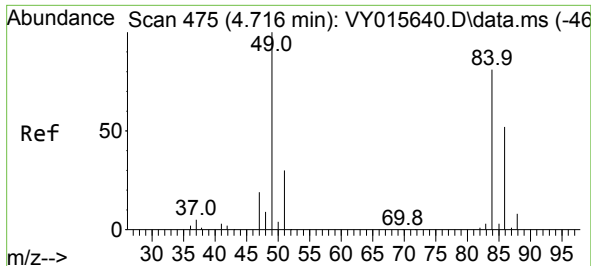
Tgt Ion:168 Resp: 131663
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#5
Bromomethane
Concen: 2.669 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.037 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

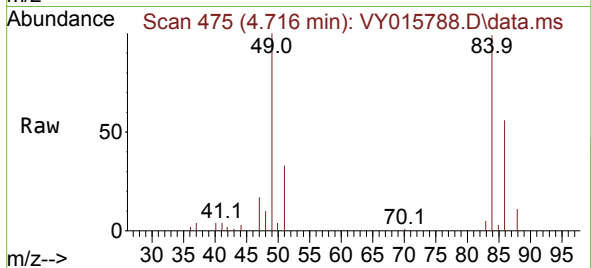
Tgt Ion: 94 Resp: 147
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.6



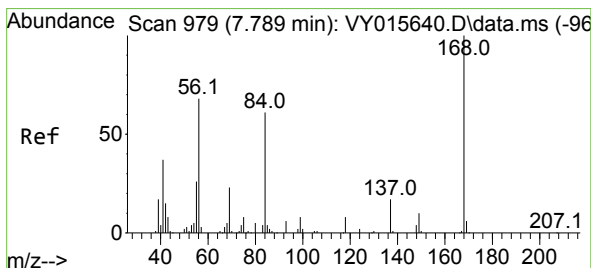
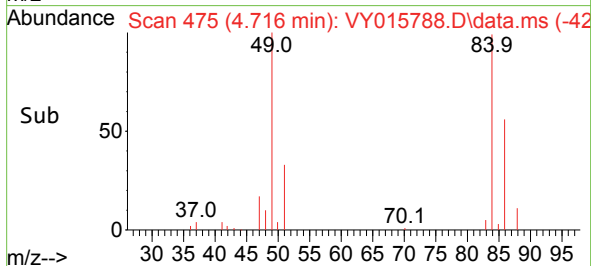
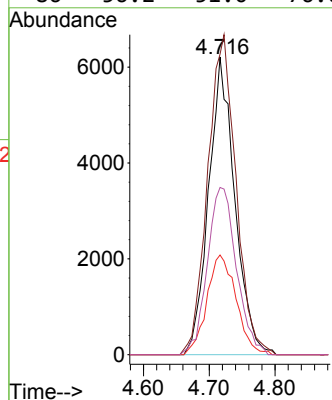


#20
Methylene Chloride
Concen: 5.869 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :

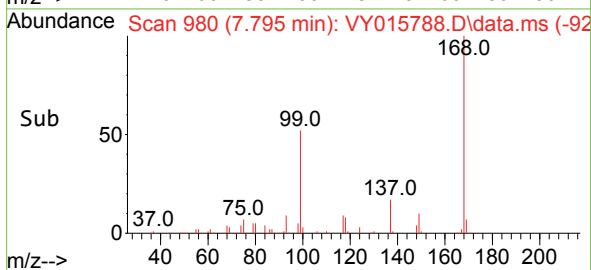
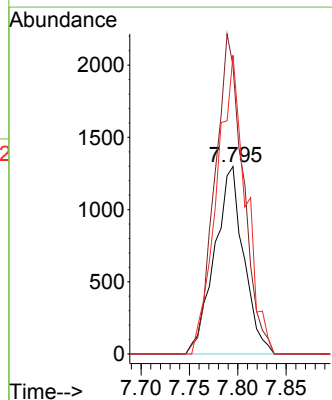
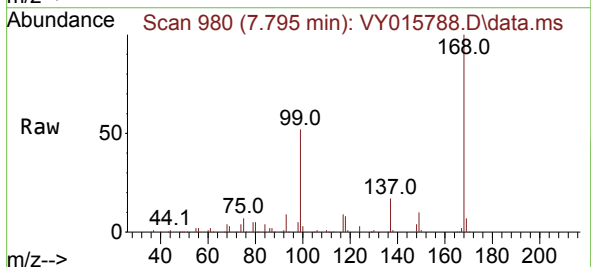


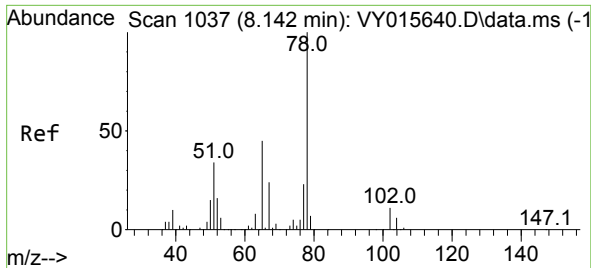
Tgt Ion:	84	Resp:	17217
Ion	Ratio	Lower	Upper
84	100		
49	100.9	106.9	160.3#
51	33.5	33.2	49.8
86	56.2	51.0	76.6



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

Tgt Ion:	56	Resp:	2716
Ion	Ratio	Lower	Upper
56	100		
69	153.8	27.8	41.6#
84	159.4	66.4	99.6#

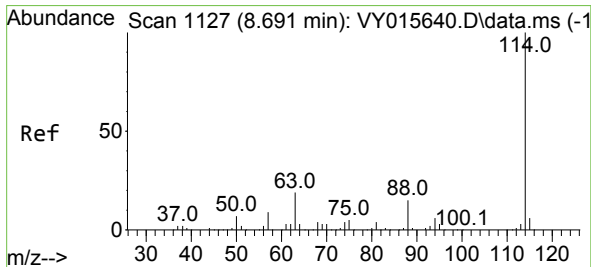
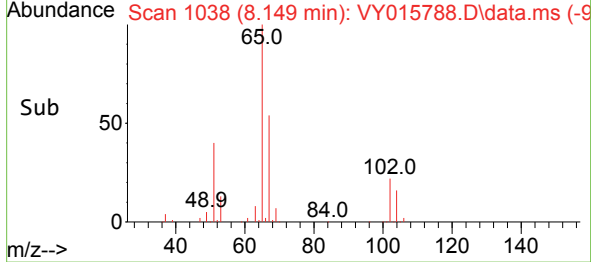
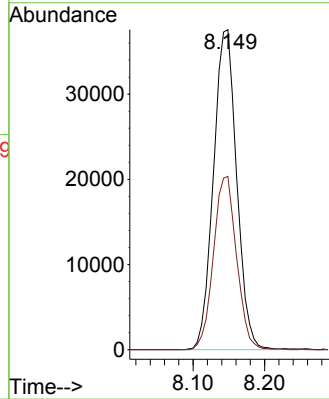
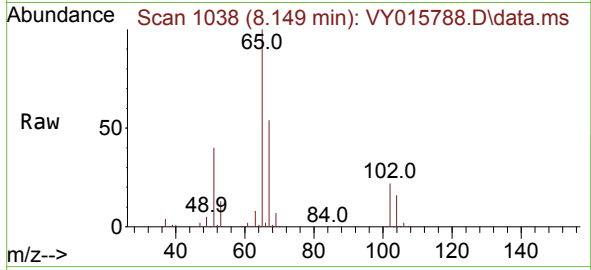




#33
 1,2-Dichloroethane-d4
 Concen: 58.531 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.013 min
 Lab File: VY015788.D
 Acq: 02 Oct 2023 19:48

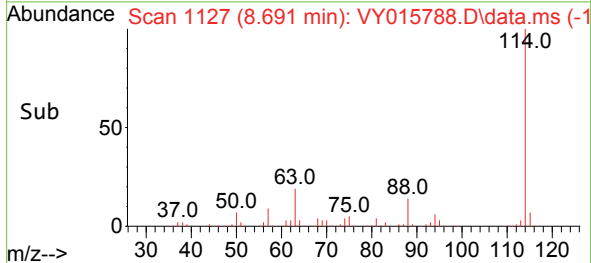
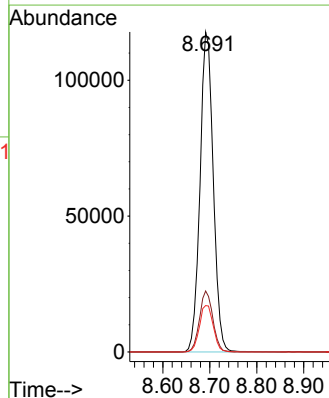
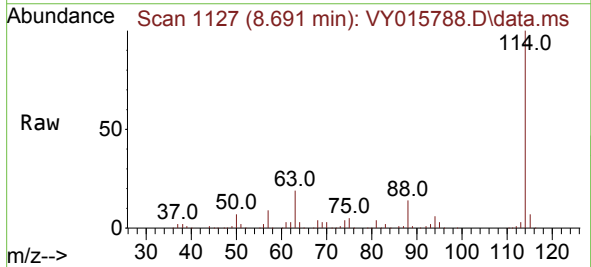
Instrument :
 MSVOA_Y
 ClientSampleId :

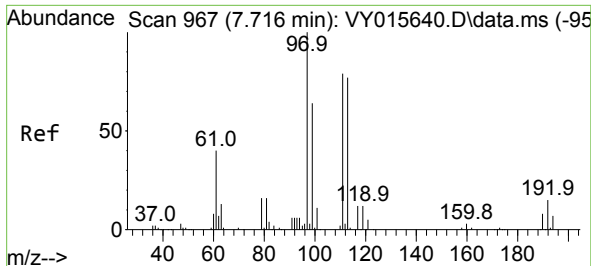
Tgt Ion: 65 Resp: 84791
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015788.D
 Acq: 02 Oct 2023 19:48

Tgt Ion: 114 Resp: 230998
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 14.5 0.0 30.6

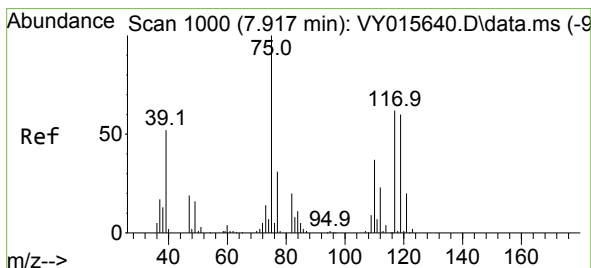
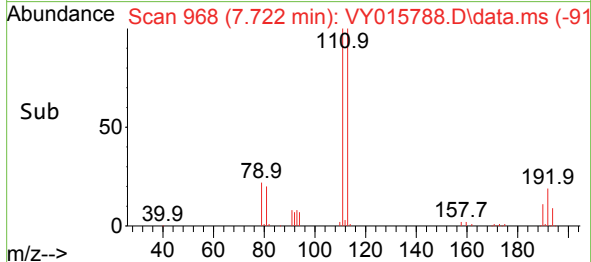
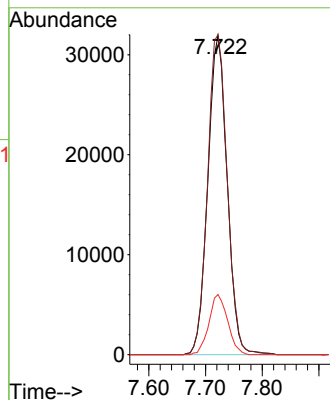
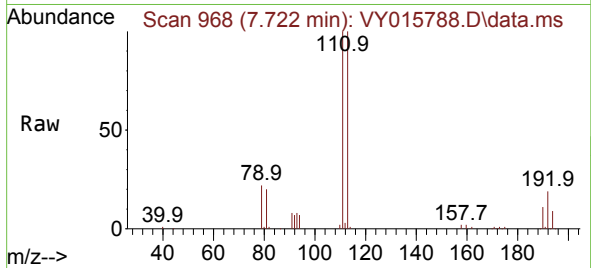




#35
Dibromofluoromethane
Concen: 54.614 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

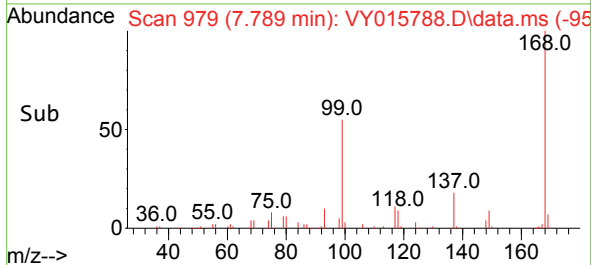
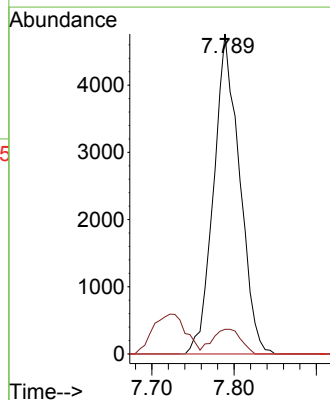
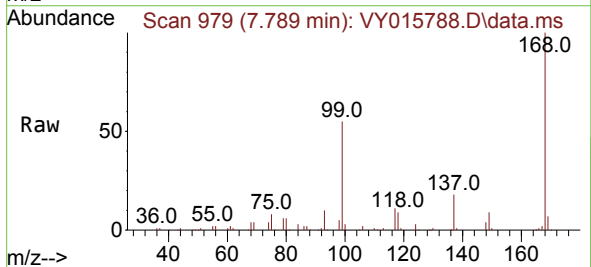
Instrument :
MSVOA_Y
ClientSampleId :

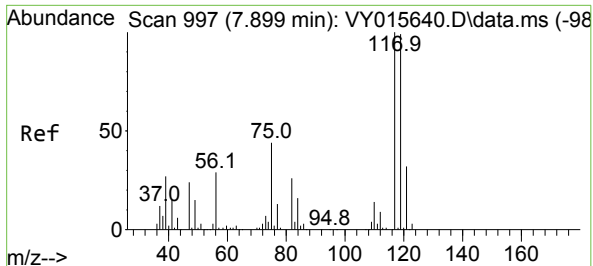
Tgt Ion:113 Resp: 75510
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

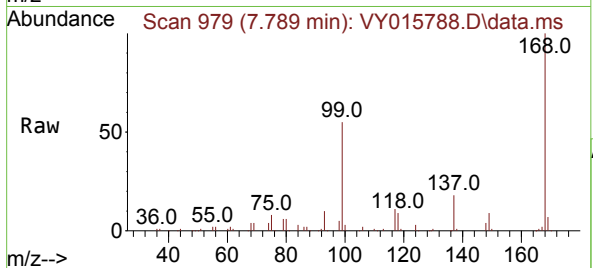
Tgt Ion: 75 Resp: 10395
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



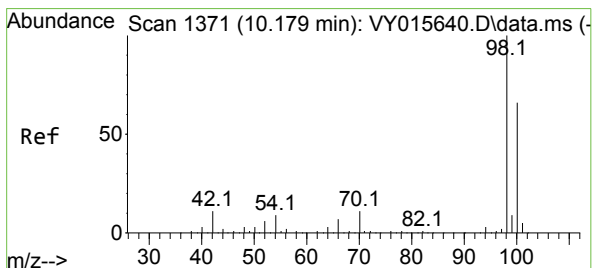
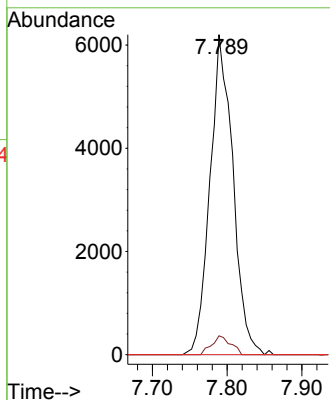
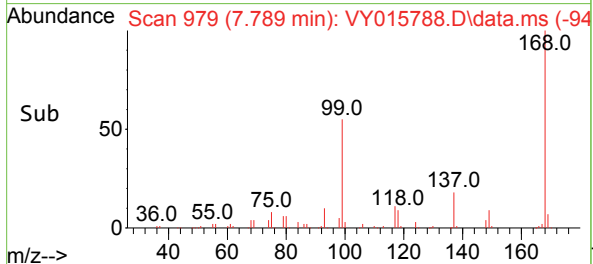


#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

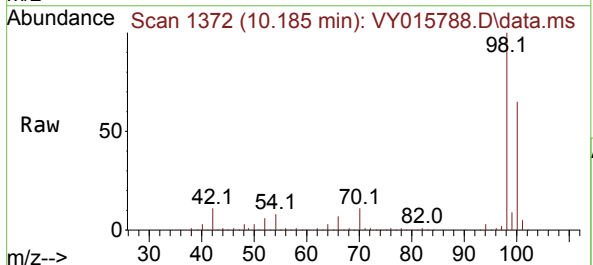
Instrument :
MSVOA_Y
ClientSampleId :



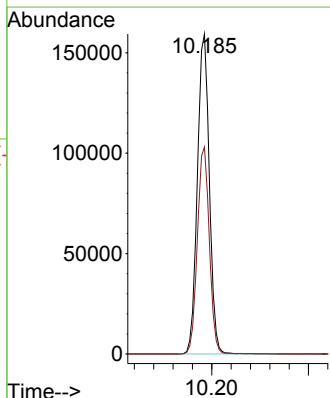
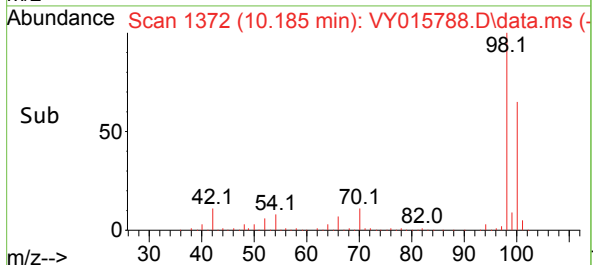
Tgt Ion:117 Resp: 13221
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#

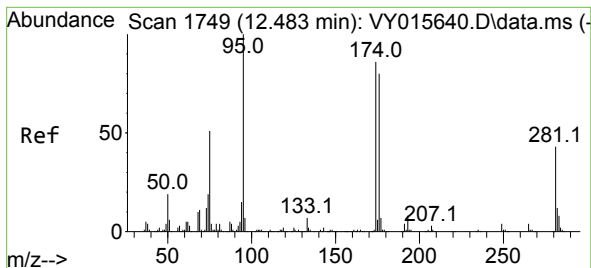


#50
Toluene-d8
Concen: 58.181 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48



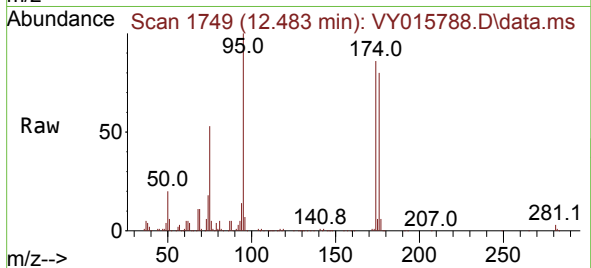
Tgt Ion: 98 Resp: 272749
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



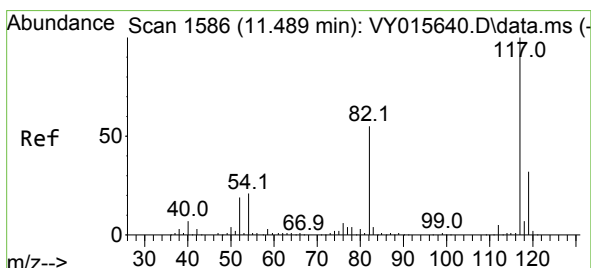
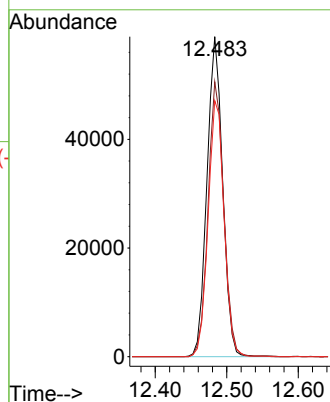
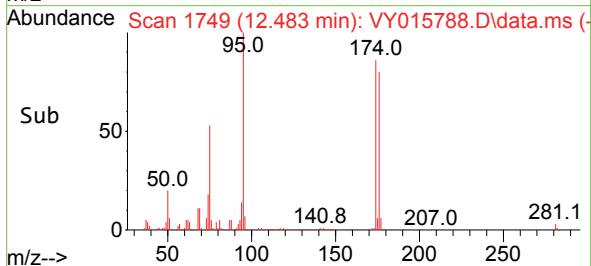


#62
4-Bromofluorobenzene
Concen: 48.716 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

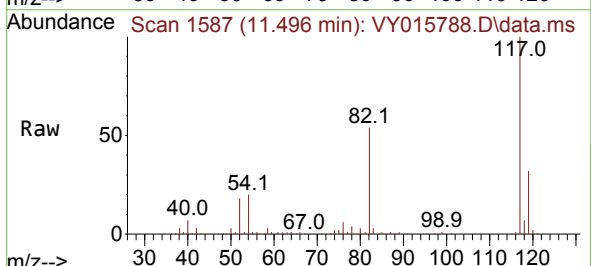
Instrument :
MSVOA_Y
ClientSampleId :



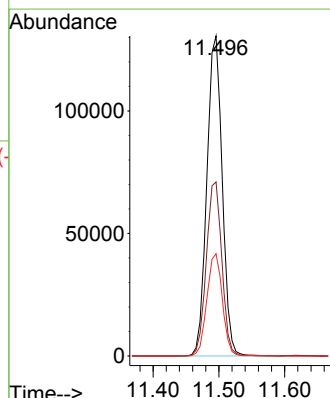
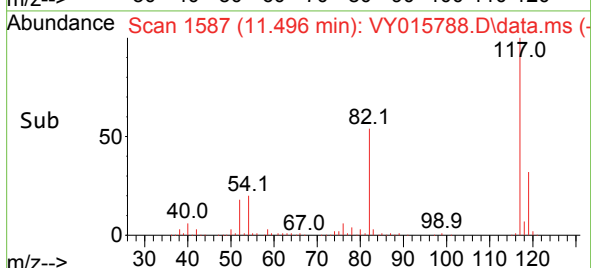
Tgt Ion: 95 Resp: 89622
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 81.5 0.0 173.8

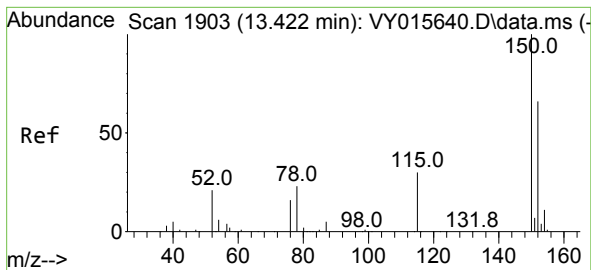


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48



Tgt Ion: 117 Resp: 212504
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.9 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: VY015788.D

Acq: 02 Oct 2023 19:48

Instrument :

MSVOA_Y

ClientSampleId :

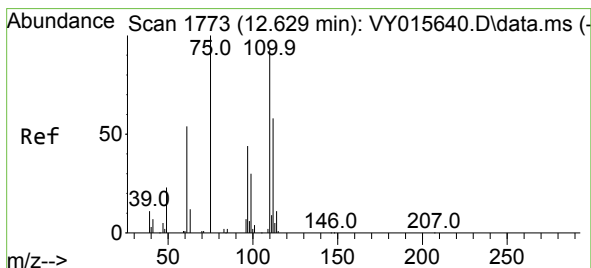
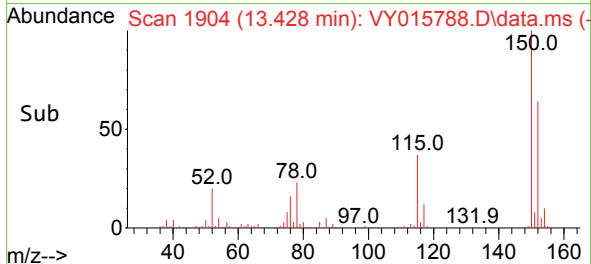
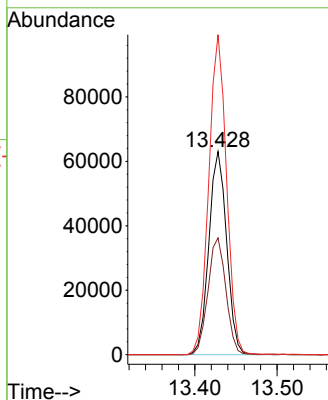
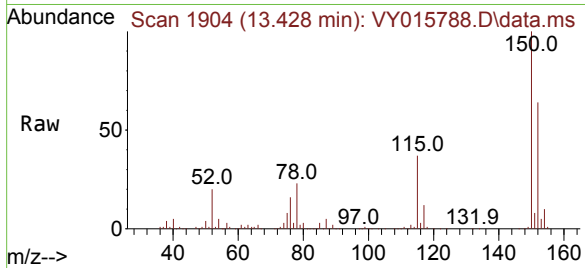
Tgt Ion:152 Resp: 94834

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 31.568 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015788.D

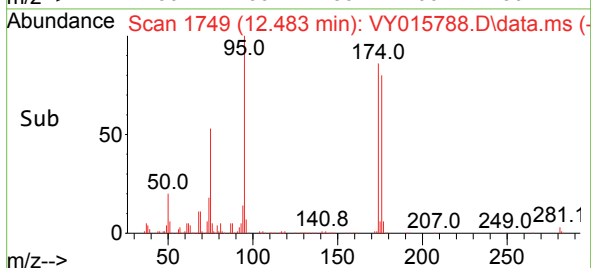
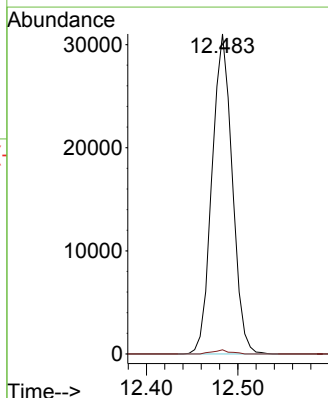
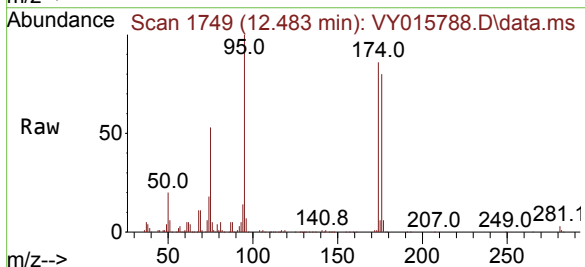
Acq: 02 Oct 2023 19:48

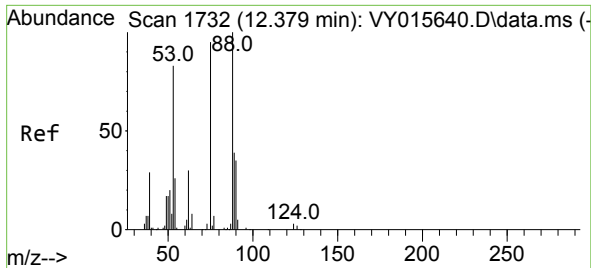
Tgt Ion: 75 Resp: 47760

Ion Ratio Lower Upper

75 100

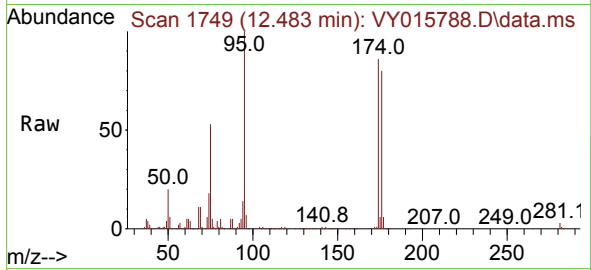
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.088 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY015788.D
Acq: 02 Oct 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	47760
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

