

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015731.D
 Acq On : 27 Sep 2023 17:54
 Operator : SY/MD
 Sample : 04627-11
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 00:48:28 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)

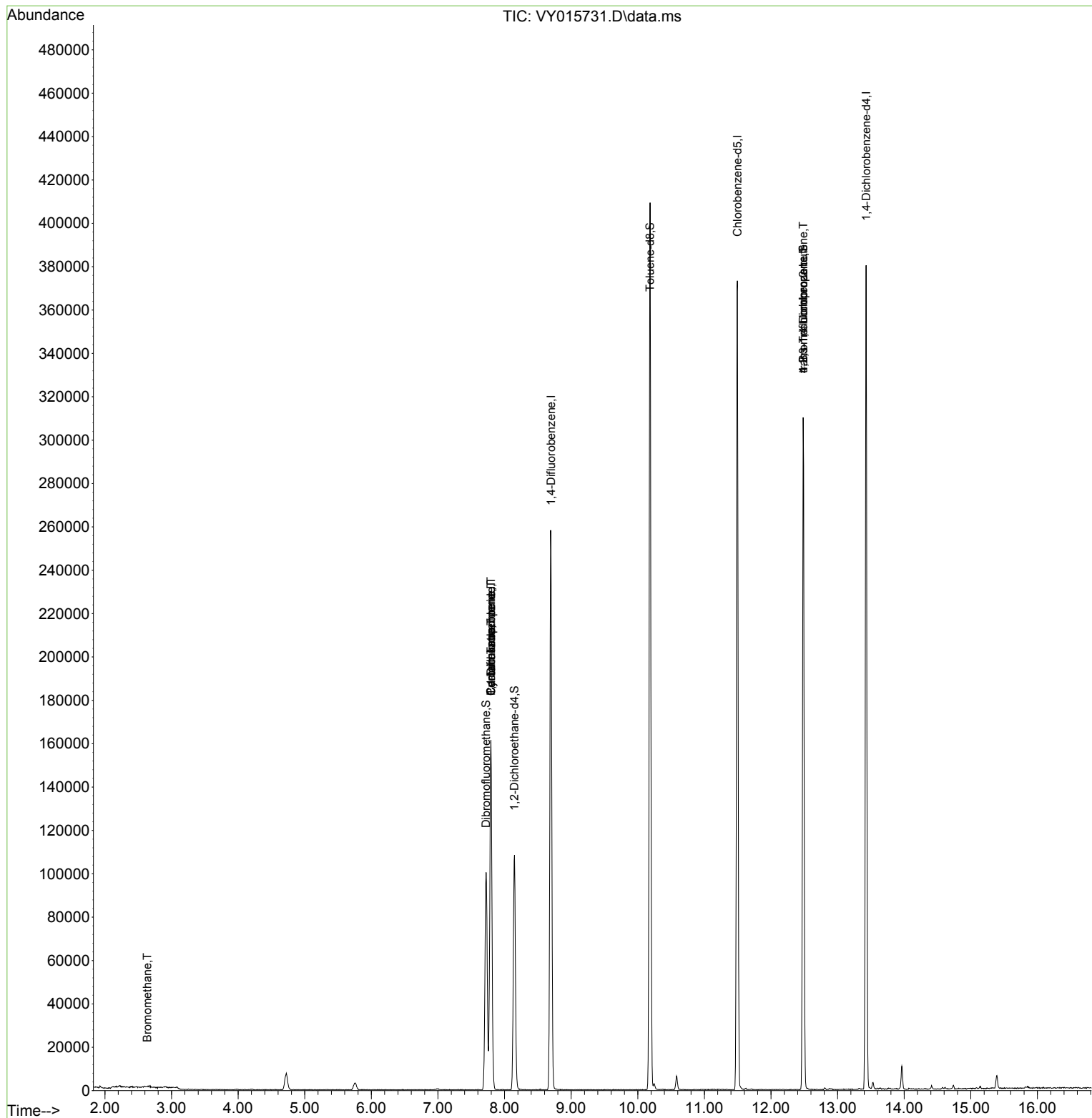
Internal Standards						
1) Pentafluorobenzene	7.795	168	124914	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	221222	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	208555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83662	60.872	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.740%	
35) Dibromofluoromethane	7.722	113	72740	54.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.880%	
50) Toluene-d8	10.185	98	264317	58.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.740%	
62) 4-Bromofluorobenzene	12.483	95	88596	50.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.638	94	25	2.577	ug/l #	2
20) Methylene Chloride	4.723	84	5746	Below Cal	#	81
31) Cyclohexane	7.795	56	2578	1.354	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9321	4.761	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12626	5.941	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46537	30.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46537	68.511	ug/l #	11

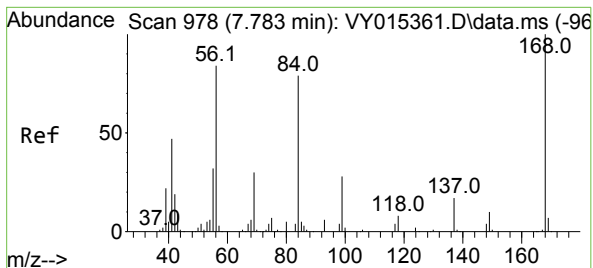
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY015731.D

Acq: 27 Sep 2023 17:54

Instrument :

MSVOA_Y

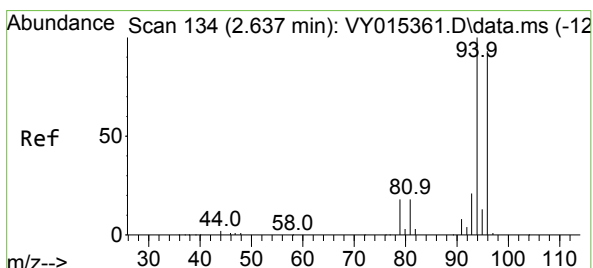
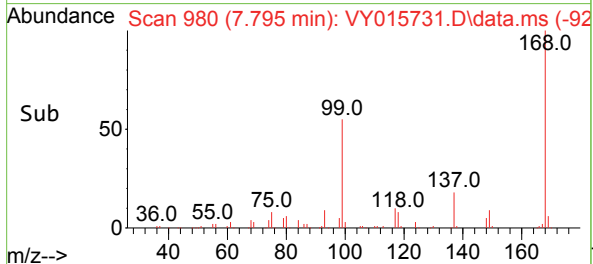
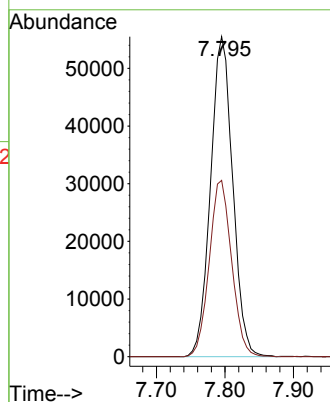
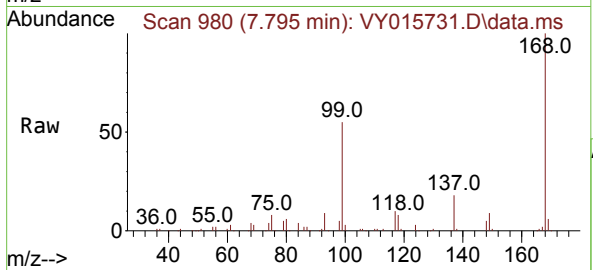
ClientSampleId :

Tgt Ion:168 Resp: 124914

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#5

Bromomethane

Concen: 2.577 ug/l

RT: 2.638 min Scan# 134

Delta R.T. 0.001 min

Lab File: VY015731.D

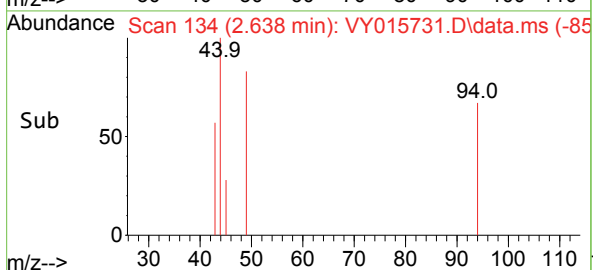
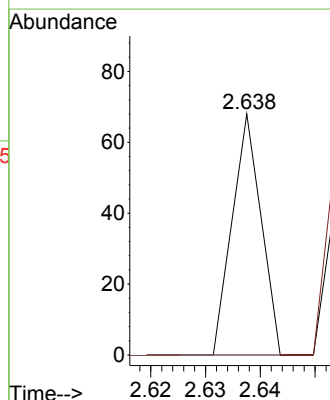
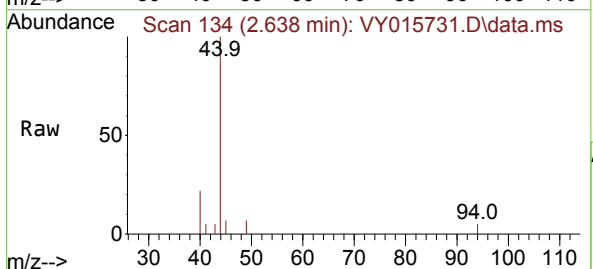
Acq: 27 Sep 2023 17:54

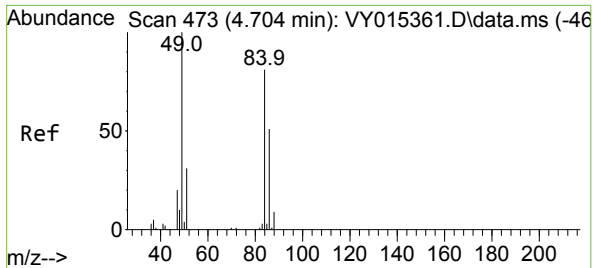
Tgt Ion: 94 Resp: 25

Ion Ratio Lower Upper

94 100

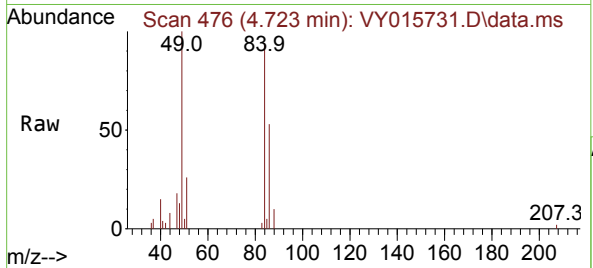
96 0.0 75.8 113.6#



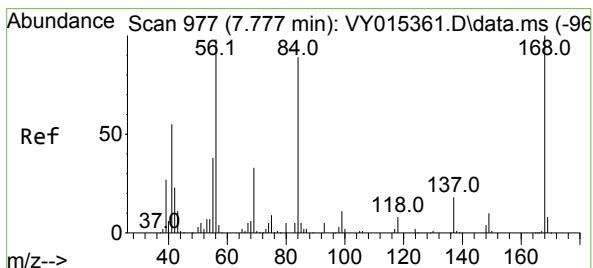
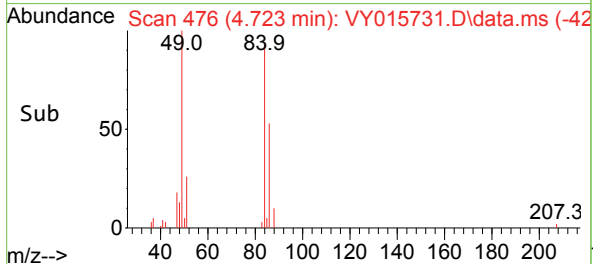
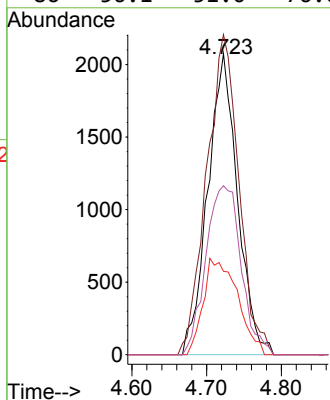


#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :

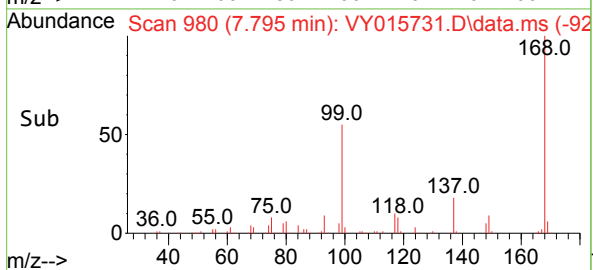
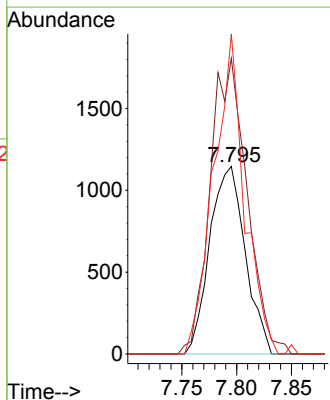
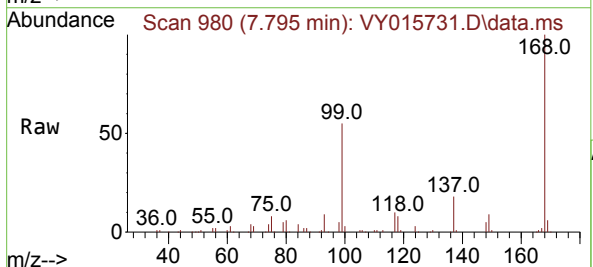


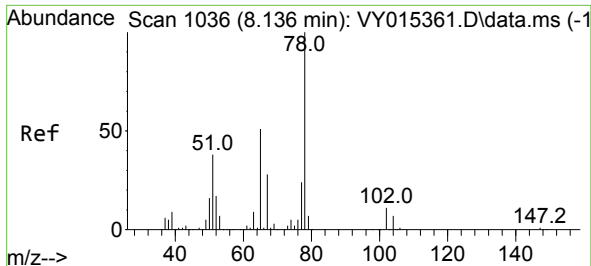
Tgt Ion: 84 Resp: 5746
Ion Ratio Lower Upper
84 100
49 106.3 106.9 160.3#
51 27.7 33.2 49.8#
86 56.1 51.0 76.6



#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

Tgt Ion: 56 Resp: 2578
Ion Ratio Lower Upper
56 100
69 157.7 27.8 41.6#
84 170.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.872 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY015731.D

Acq: 27 Sep 2023 17:54

Instrument :

MSVOA_Y

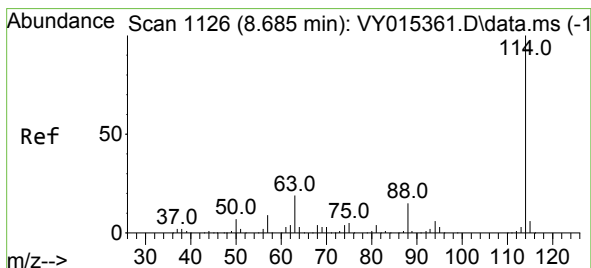
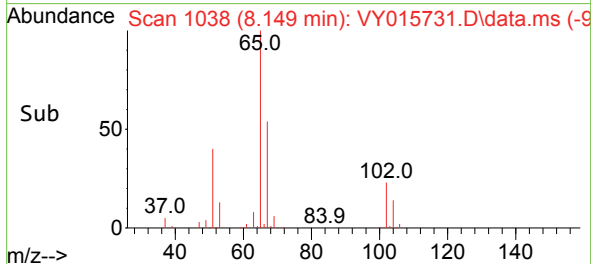
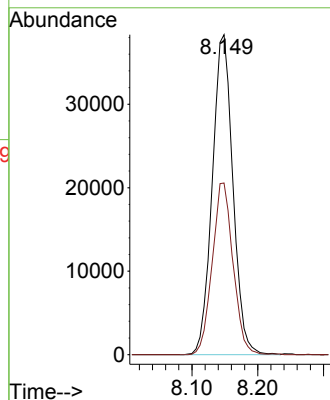
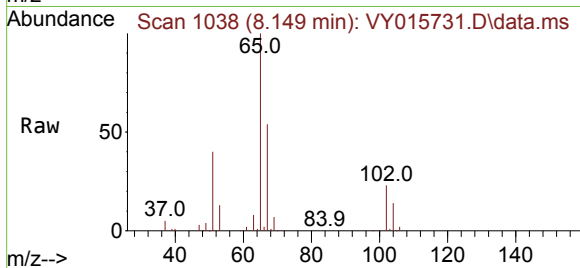
ClientSampleId :

Tgt Ion: 65 Resp: 83662

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015731.D

Acq: 27 Sep 2023 17:54

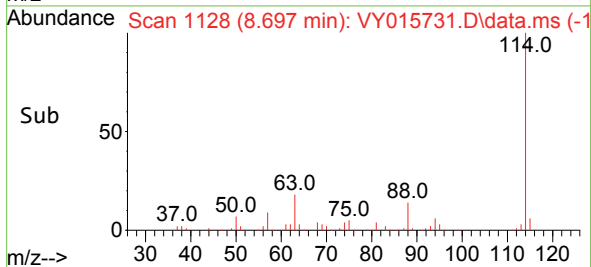
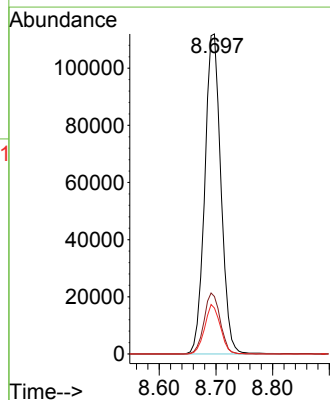
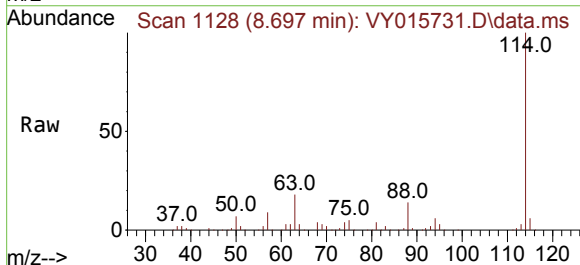
Tgt Ion: 114 Resp: 221222

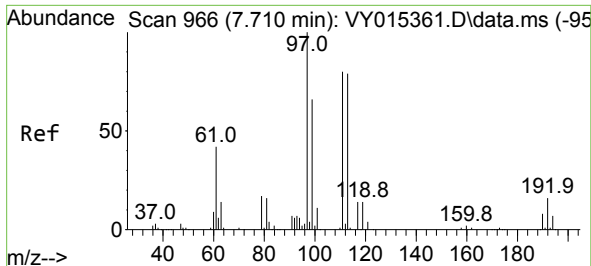
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 14.4 0.0 30.6

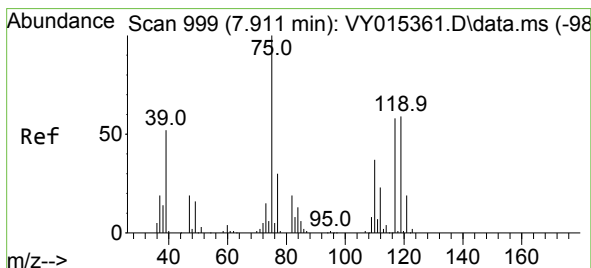
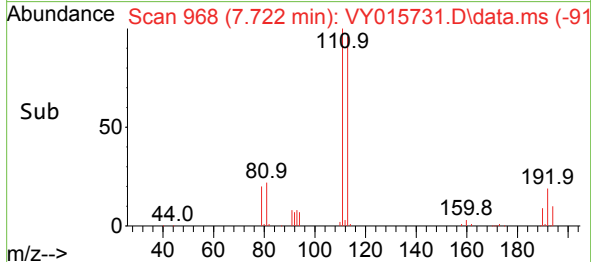
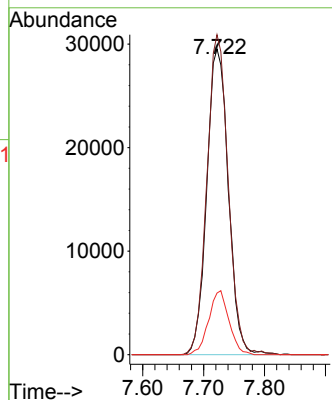
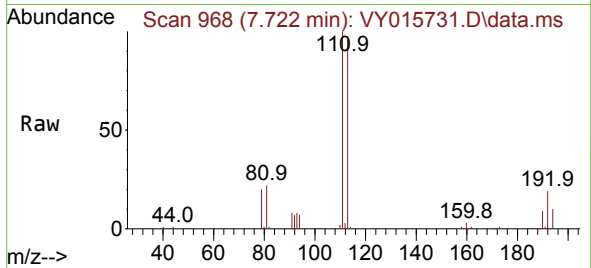




#35
Dibromofluoromethane
Concen: 54.936 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

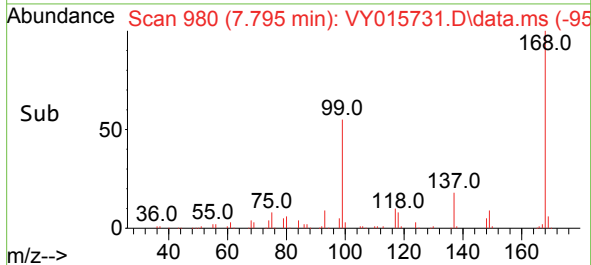
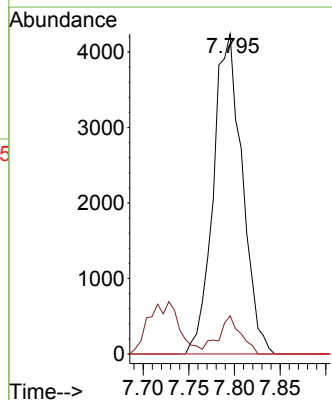
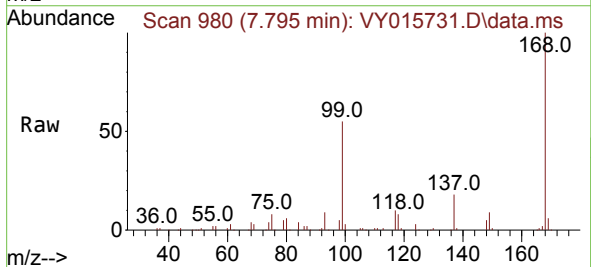
Instrument :
MSVOA_Y
ClientSampleId :

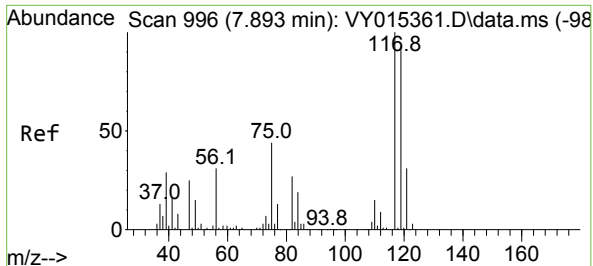
Tgt Ion:113 Resp: 72740
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

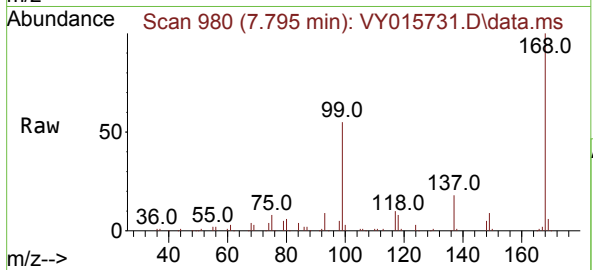
Tgt Ion: 75 Resp: 9321
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



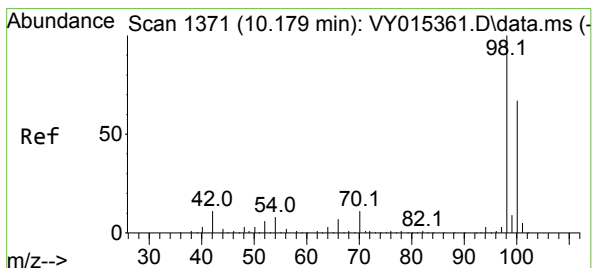
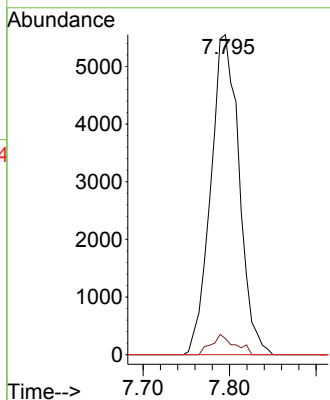
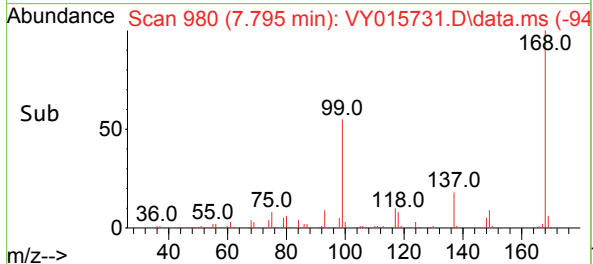


#38
Carbon Tetrachloride
Concen: 5.941 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :

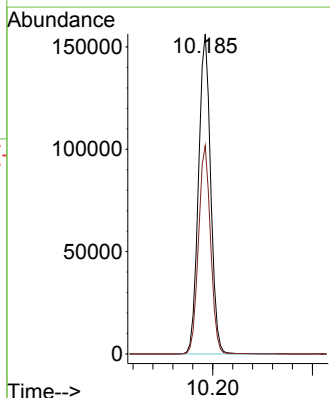
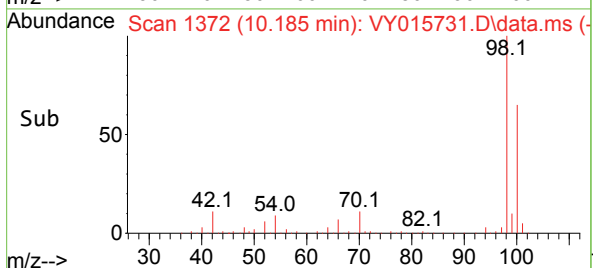
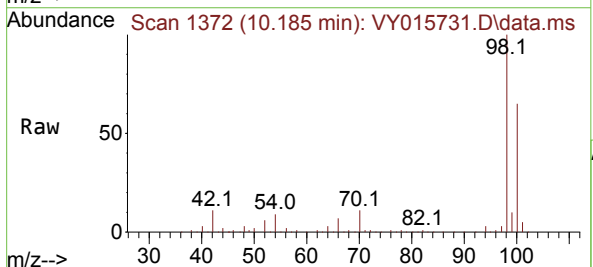


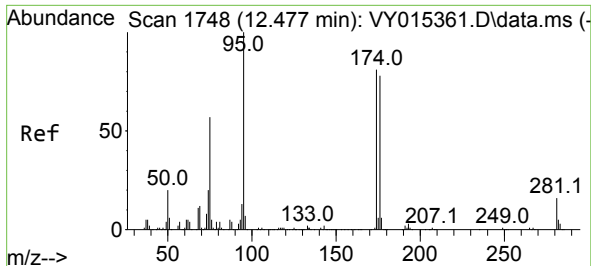
Tgt Ion:117 Resp: 12626
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.874 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

Tgt Ion: 98 Resp: 264317
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1

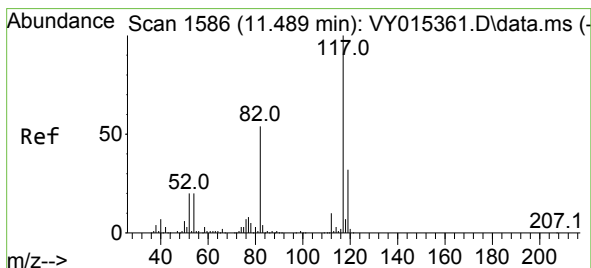
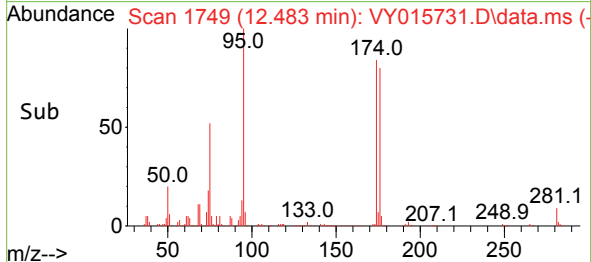
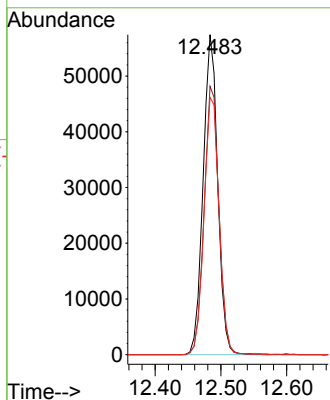
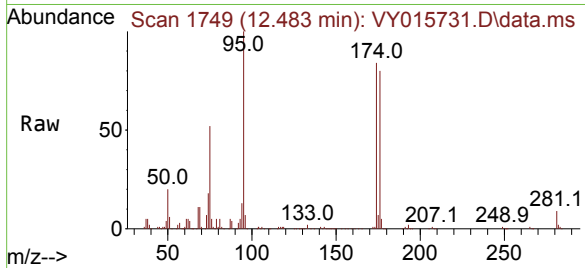




#62
4-Bromofluorobenzene
Concen: 50.286 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

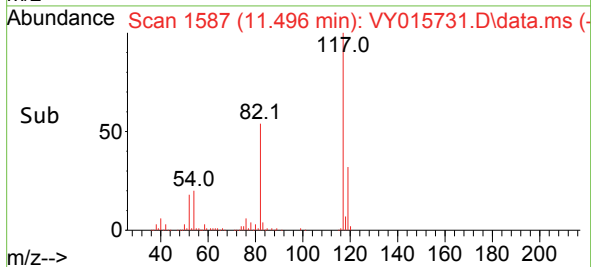
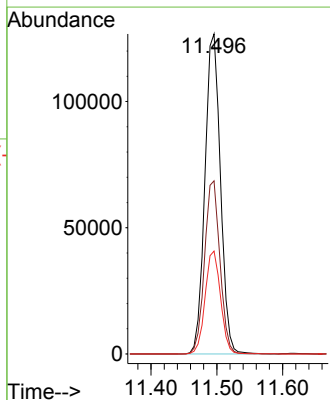
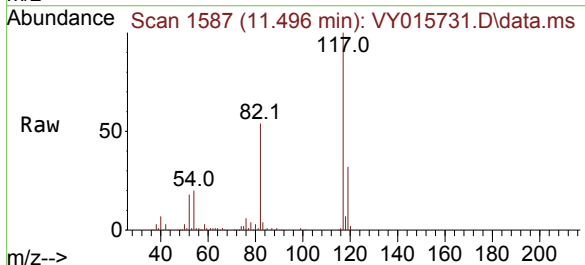
Instrument :
MSVOA_Y
ClientSampleId :

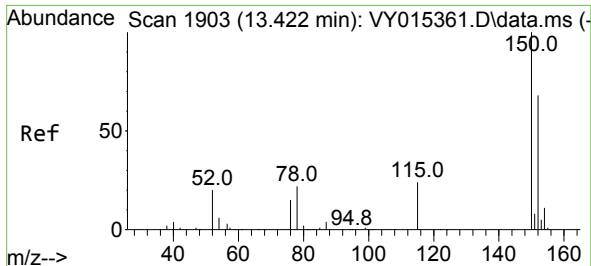
Tgt Ion: 95 Resp: 88596
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY015731.D
Acq: 27 Sep 2023 17:54

Tgt Ion: 117 Resp: 208555
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.1 26.3 39.5

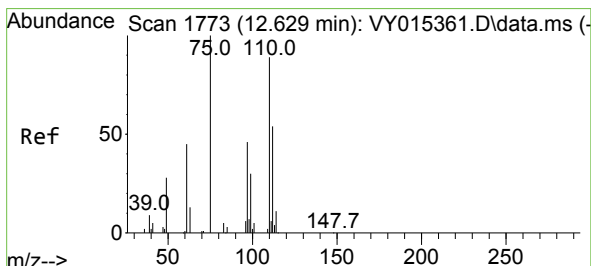
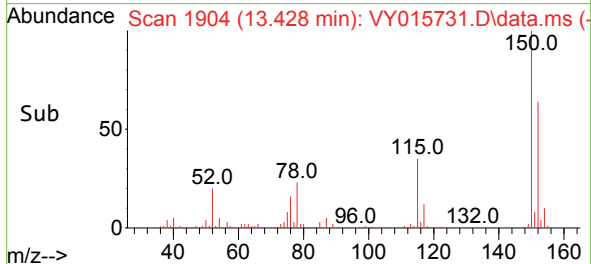
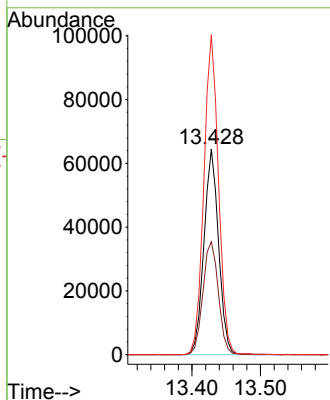
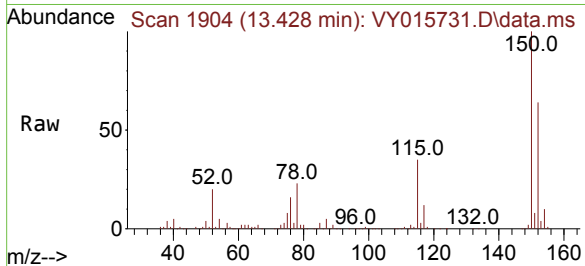




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY015731.D
 Acq: 27 Sep 2023 17:54

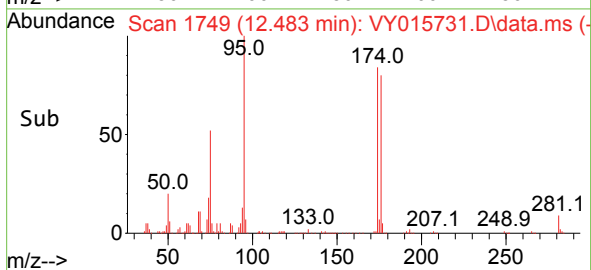
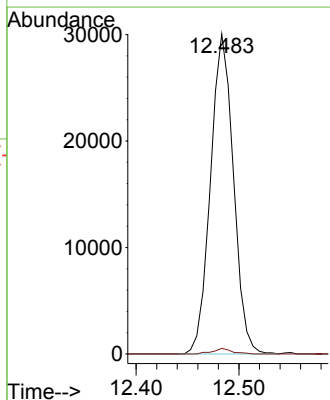
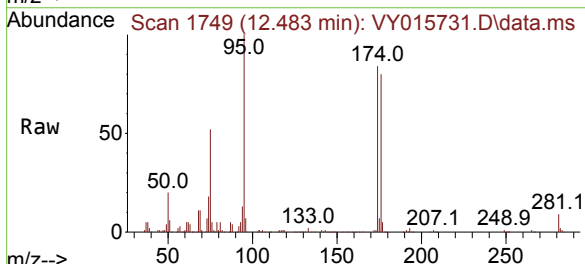
Instrument :
 MSVOA_Y
 ClientSampleId :

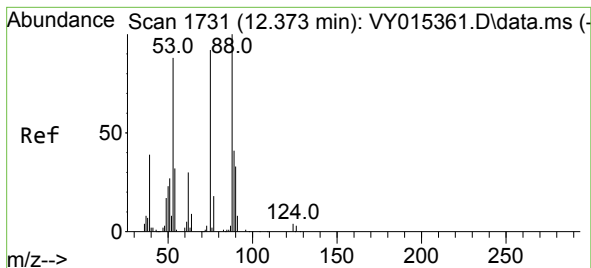
Tgt Ion:152 Resp: 95882
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.8 86.5
 150 155.6 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 30.424 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY015731.D
 Acq: 27 Sep 2023 17:54

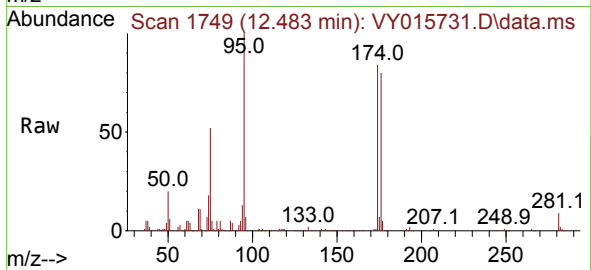
Tgt Ion: 75 Resp: 46537
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.511 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY015731.D
 Acq: 27 Sep 2023 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



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

