

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015517.D
 Acq On : 12 Sep 2023 18:58
 Operator : SY/MD
 Sample : 04394-03
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

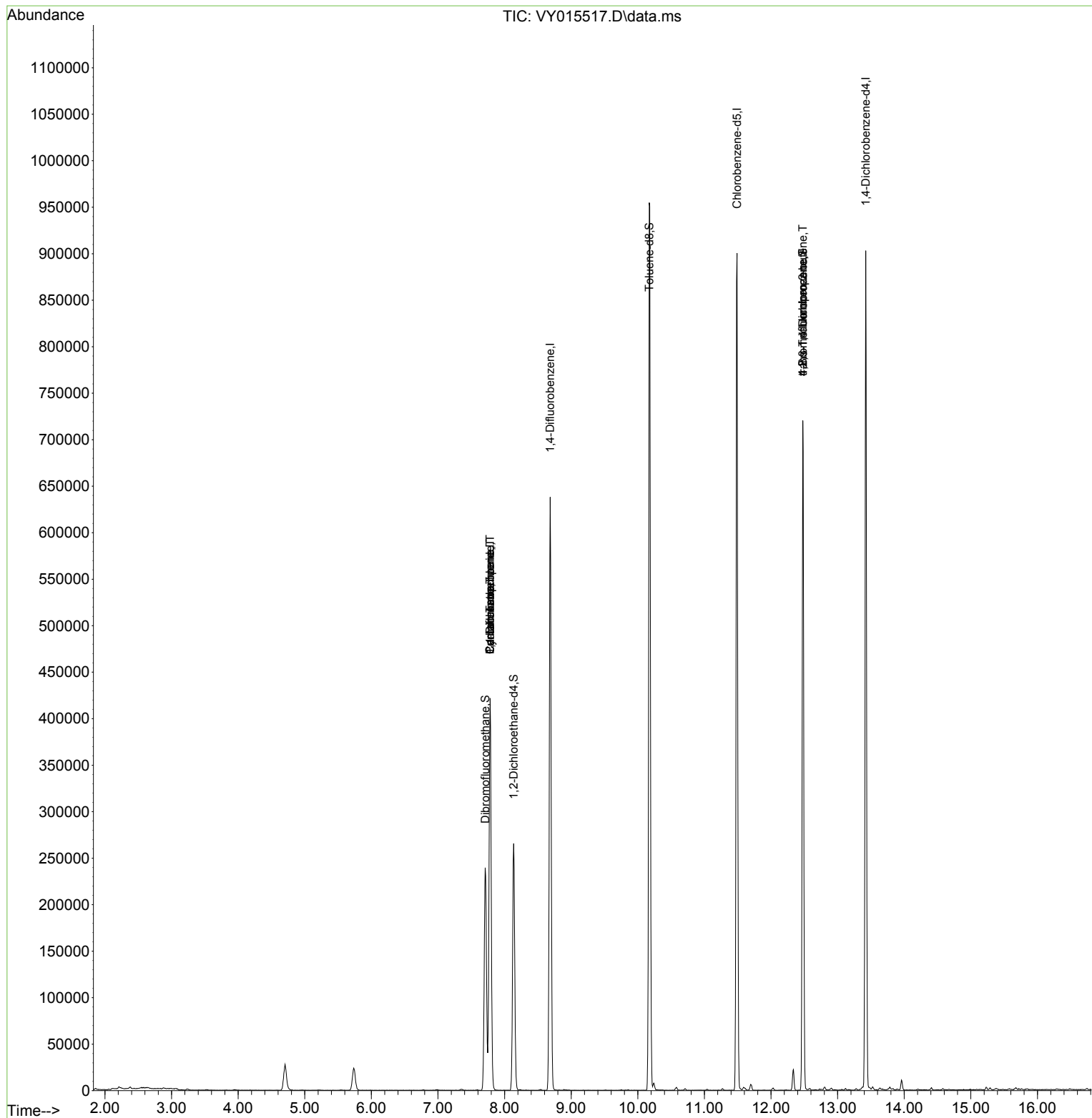
Internal Standards						
1) Pentafluorobenzene	7.783	168	327188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	488319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	226541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	205285	58.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.060%	
35) Dibromofluoromethane	7.710	113	170684	55.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.180%	
50) Toluene-d8	10.173	98	633385	56.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.900%	
62) 4-Bromofluorobenzene	12.477	95	214291	51.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	346	Below Cal	#	89
20) Methylene Chloride	4.698	84	20538	Below Cal	#	82
31) Cyclohexane	7.783	56	6682	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24958	4.588	ug/l #	50
38) Carbon Tetrachloride	7.783	117	32262	5.742	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	114464	38.102	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	114464	84.048	ug/l #	10

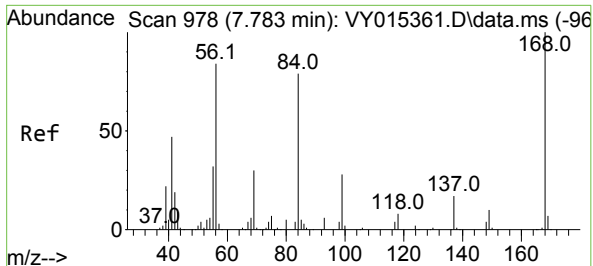
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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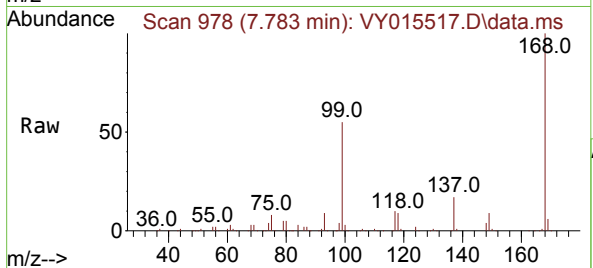
Quant Time: Sep 13 05:56:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



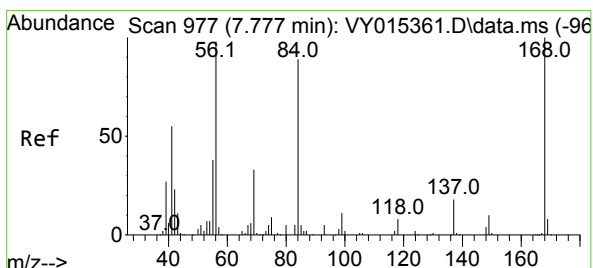
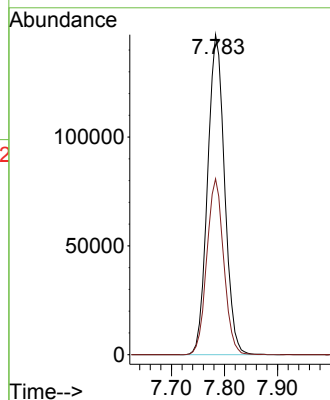
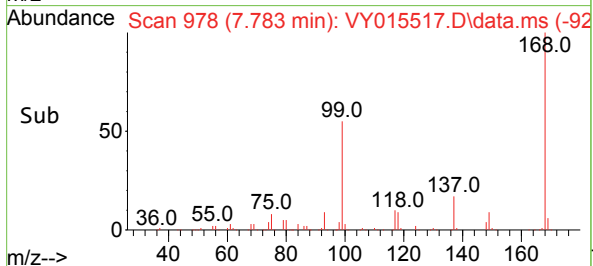


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

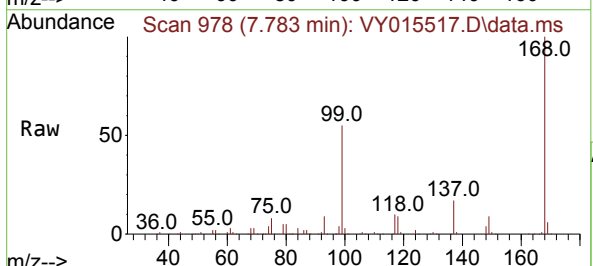
Instrument :
MSVOA_Y
ClientSampleId :



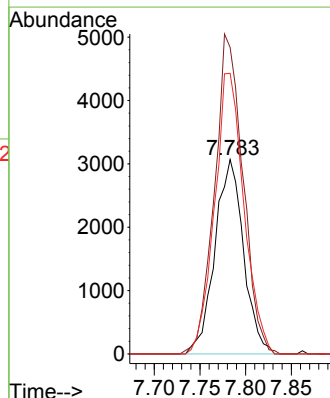
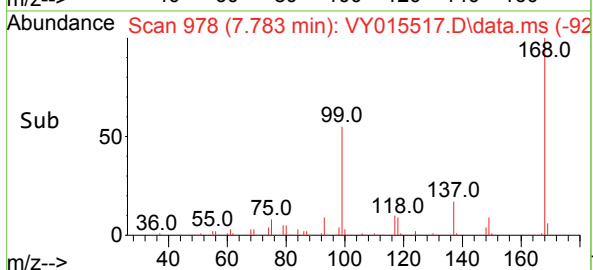
Tgt Ion:168 Resp: 327188
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

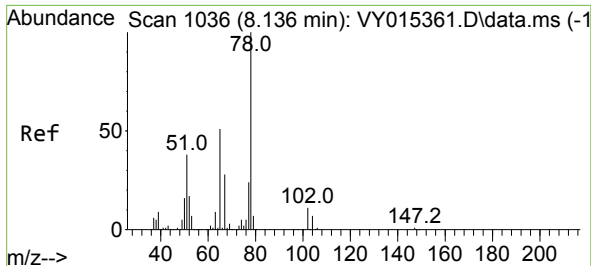


#31
Cyclohexane
Concen: 1.072 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58



Tgt Ion: 56 Resp: 6682
Ion Ratio Lower Upper
56 100
69 157.7 27.8 41.6#
84 144.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.529 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015517.D

Acq: 12 Sep 2023 18:58

Instrument :

MSVOA_Y

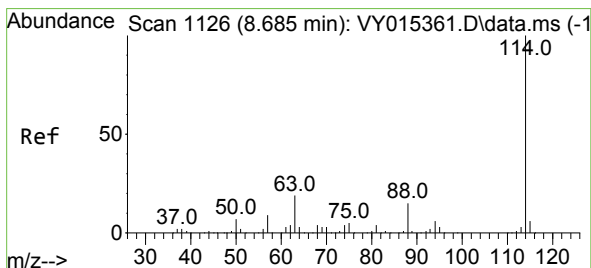
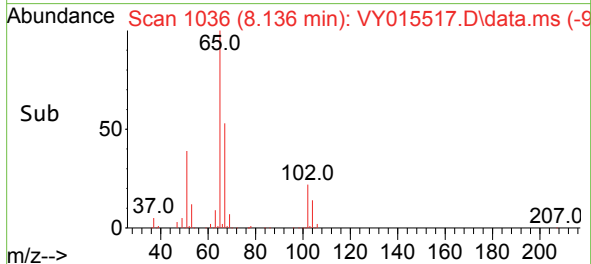
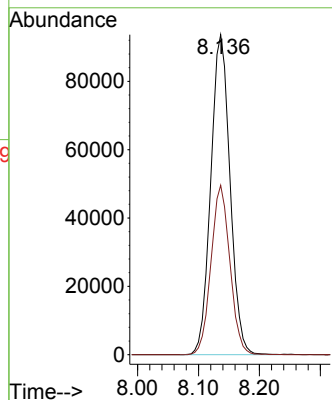
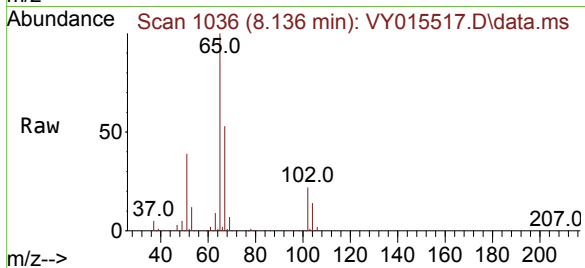
ClientSampleId :

Tgt Ion: 65 Resp: 205285

Ion Ratio Lower Upper

65 100

67 52.0 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: VY015517.D

Acq: 12 Sep 2023 18:58

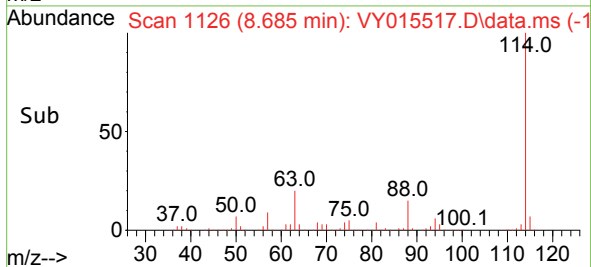
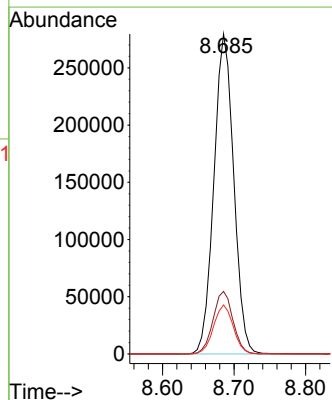
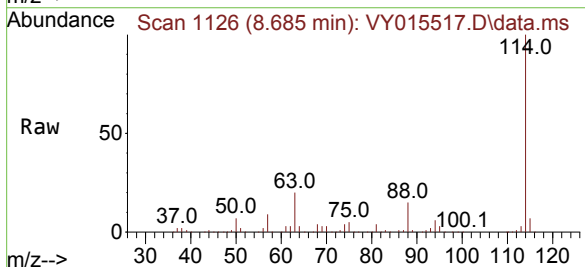
Tgt Ion: 114 Resp: 537935

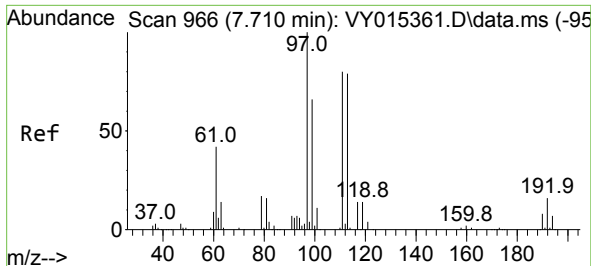
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6

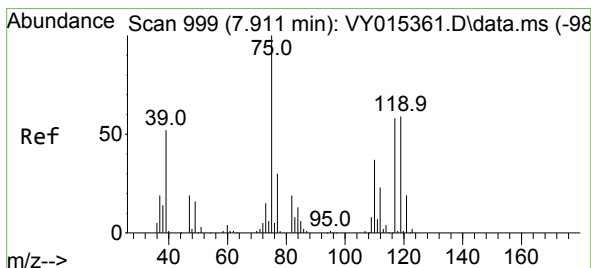
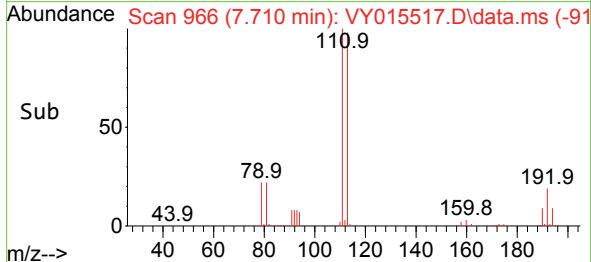
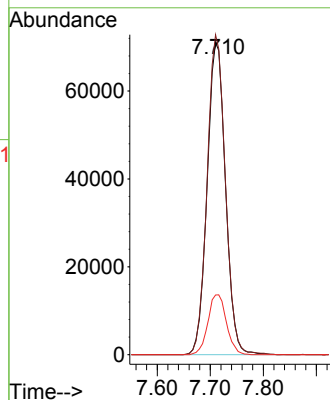
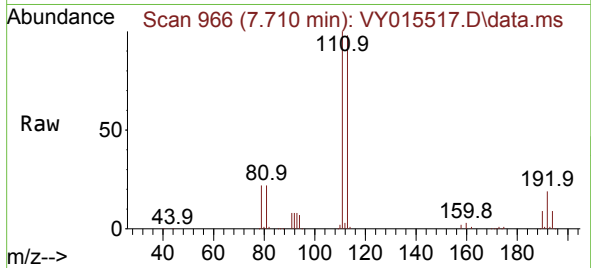




#35
Dibromofluoromethane
Concen: 55.088 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

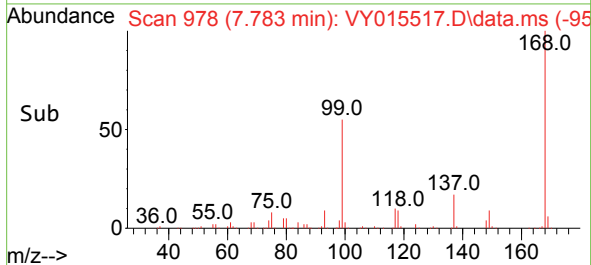
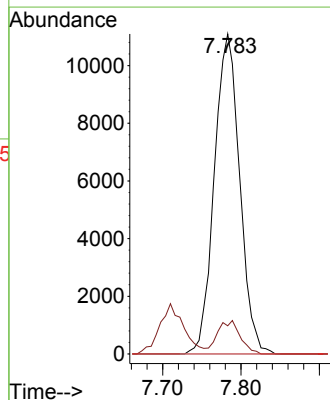
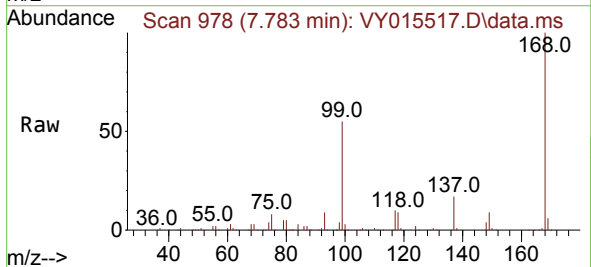
Instrument :
MSVOA_Y
ClientSampleId :

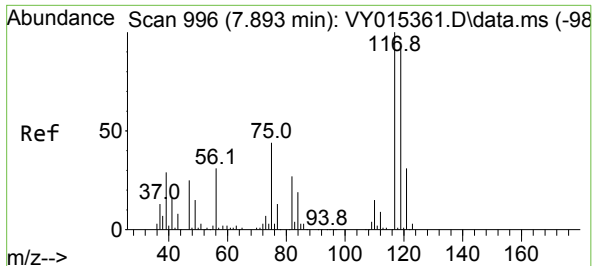
Tgt Ion:113 Resp: 170684
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.588 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

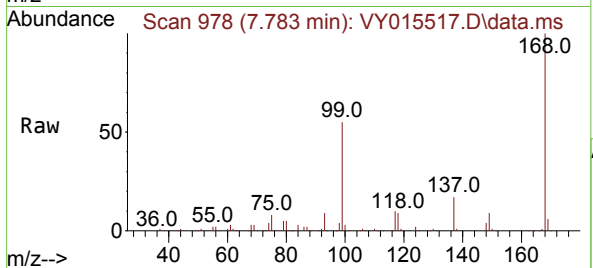
Tgt Ion: 75 Resp: 24958
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



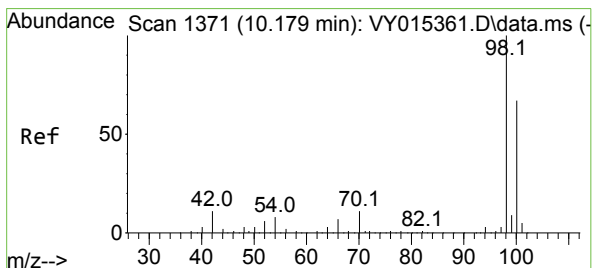
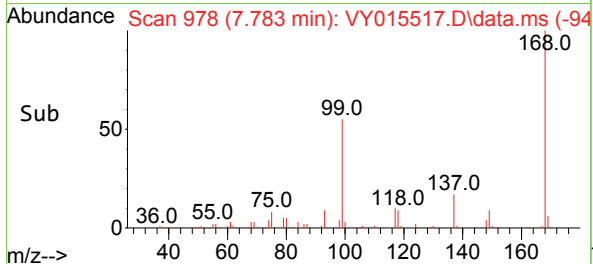
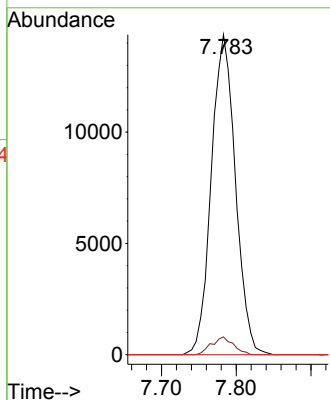


#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

Instrument :
MSVOA_Y
ClientSampleId :

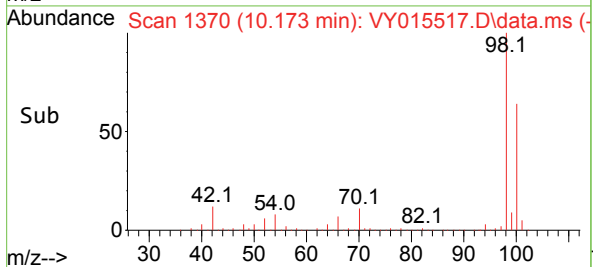
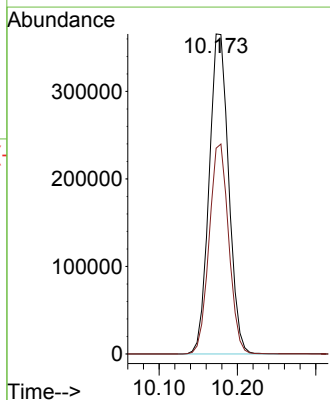
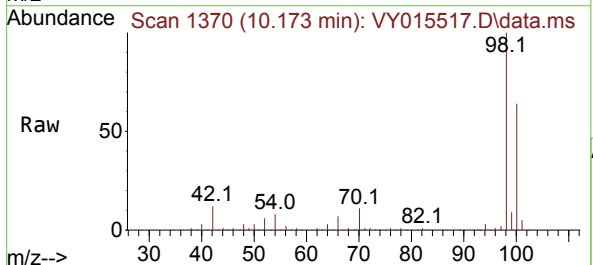


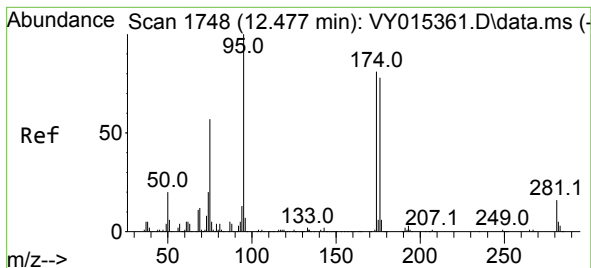
Tgt Ion:117 Resp: 32262
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.449 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

Tgt Ion: 98 Resp: 633385
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

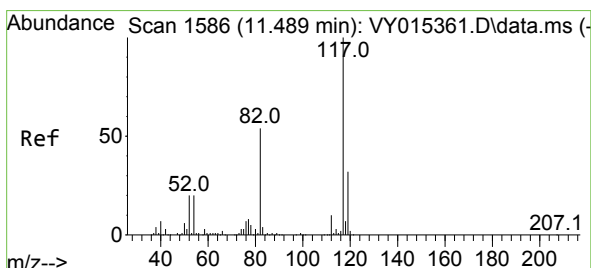
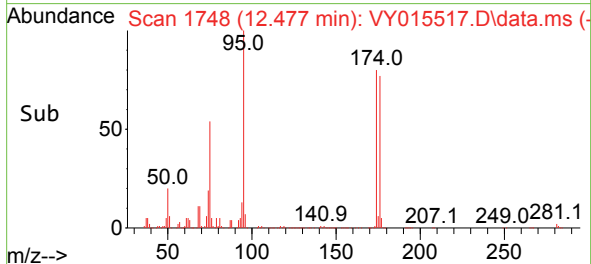
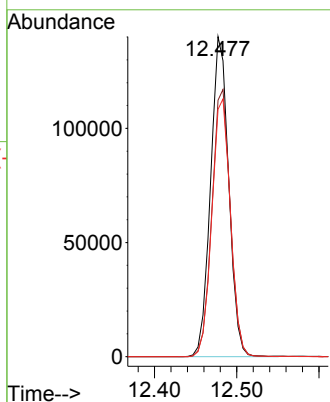
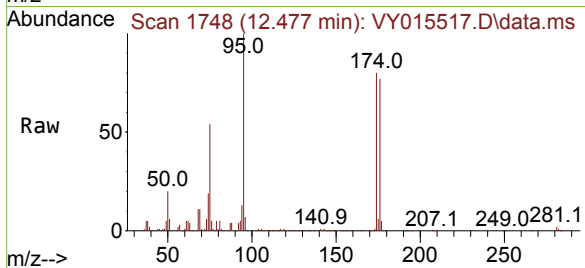




#62
4-Bromofluorobenzene
Concen: 51.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

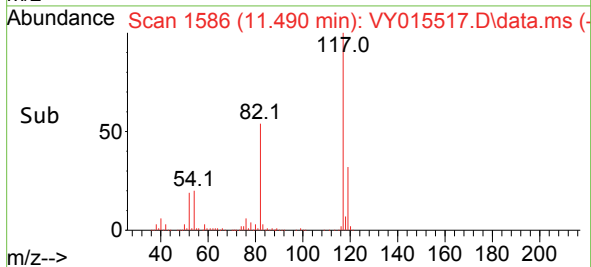
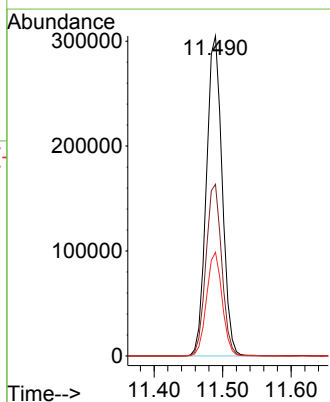
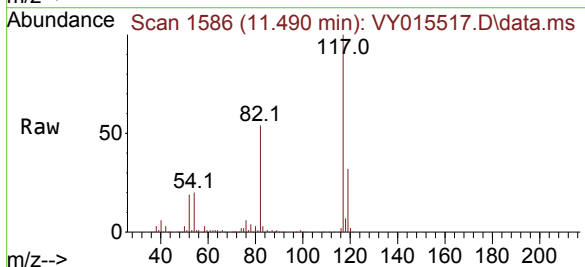
Instrument :
MSVOA_Y
ClientSampleId :

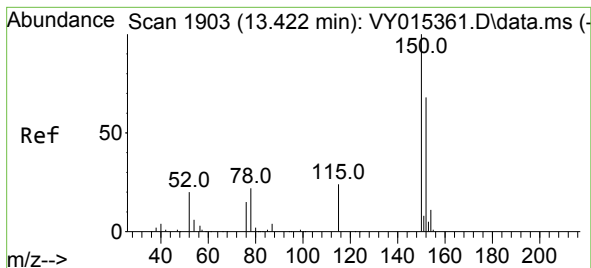
Tgt Ion: 95 Resp: 214291
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015517.D
Acq: 12 Sep 2023 18:58

Tgt Ion: 117 Resp: 488319
Ion Ratio Lower Upper
117 100
82 53.7 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: VY015517.D

Acq: 12 Sep 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

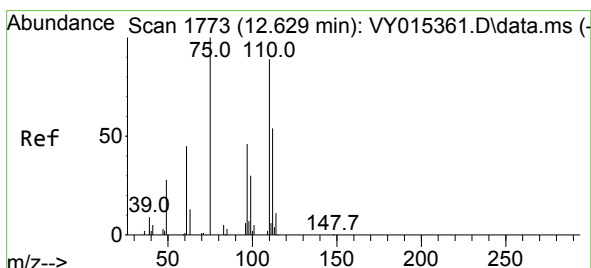
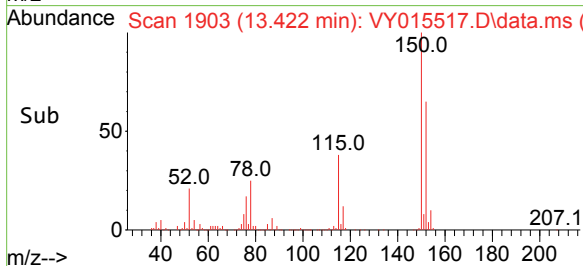
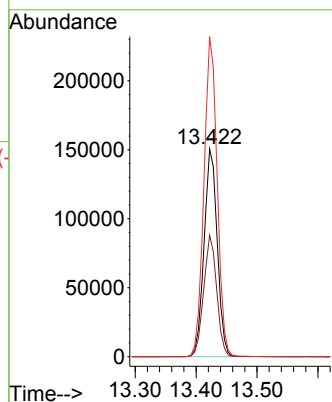
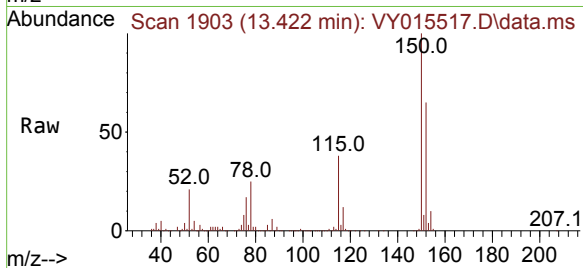
Tgt Ion:152 Resp: 226541

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 154.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.102 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015517.D

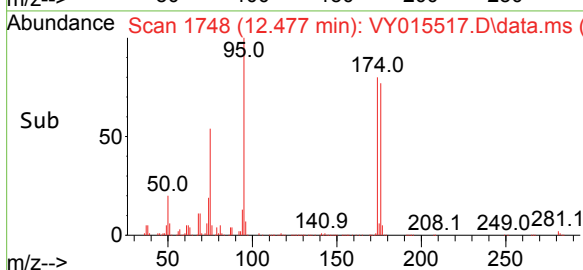
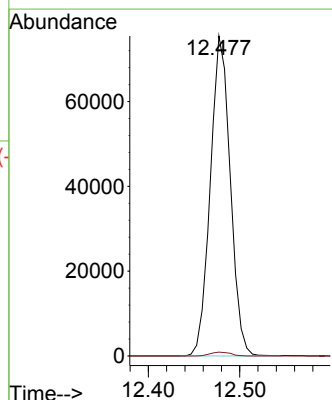
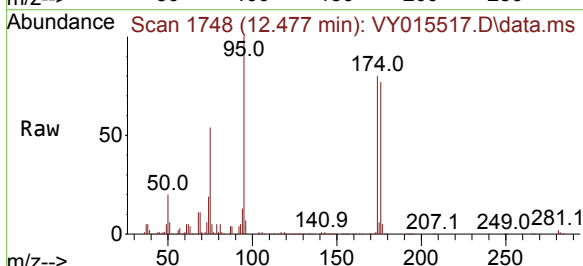
Acq: 12 Sep 2023 18:58

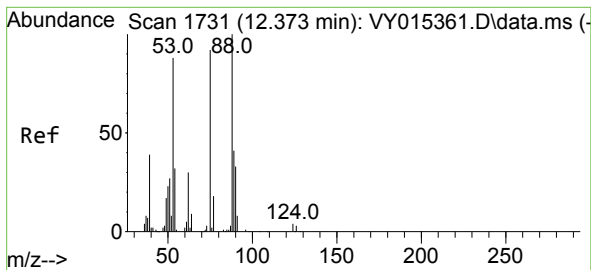
Tgt Ion: 75 Resp: 114464

Ion Ratio Lower Upper

75 100

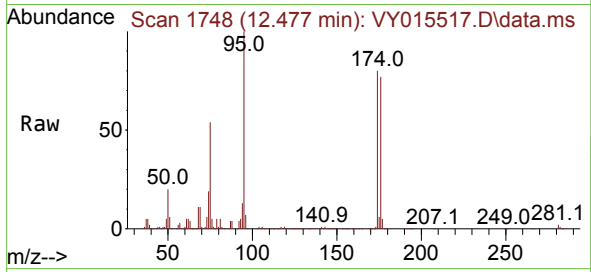
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.048 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015517.D
 Acq: 12 Sep 2023 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 114464
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

