

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015582.D
 Acq On : 15 Sep 2023 20:10
 Operator : SY/MD
 Sample : 04407-06
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:01:30 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)

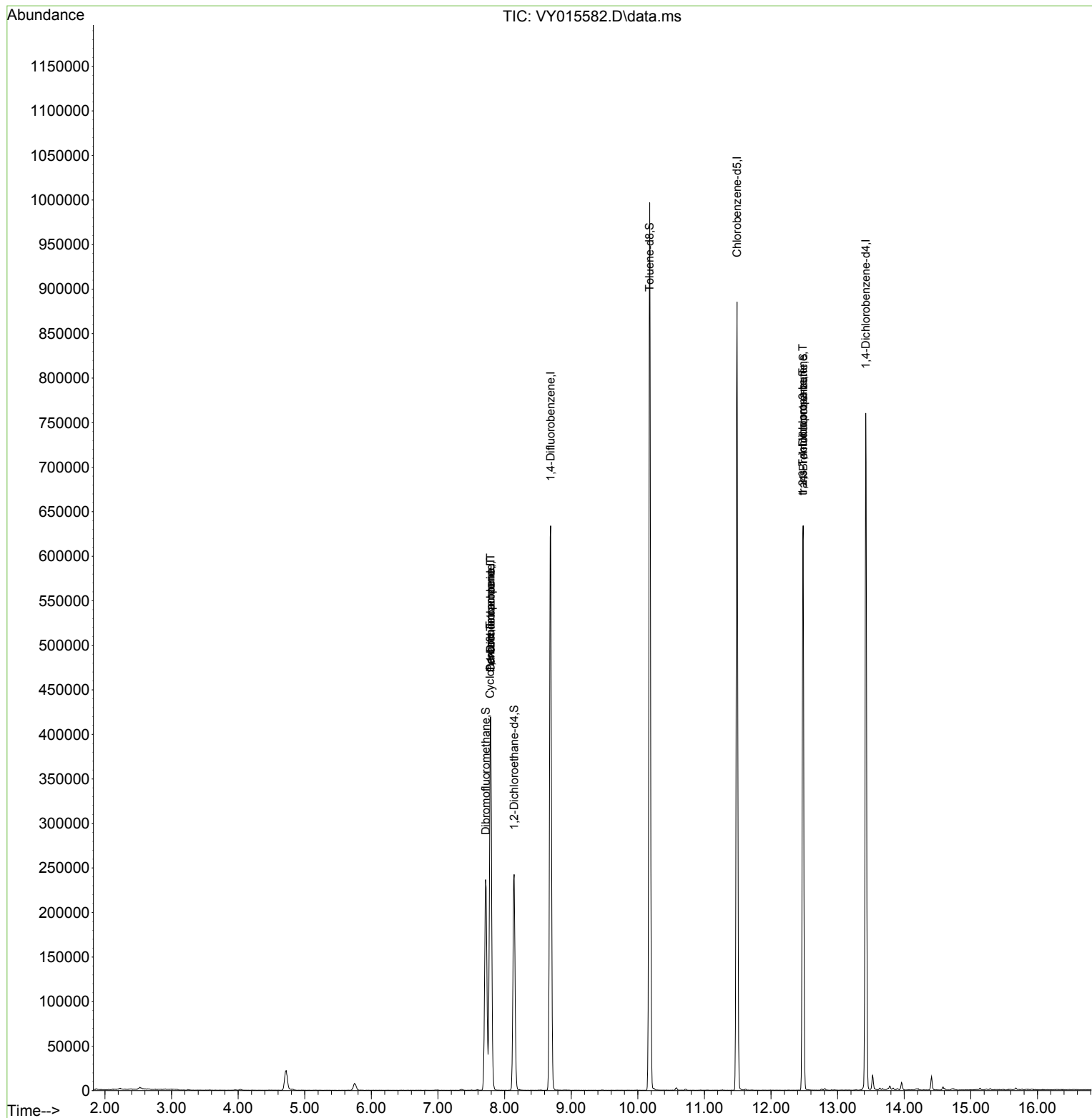
Internal Standards						
1) Pentafluorobenzene	7.789	168	326410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	546636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	187214	53.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.716	113	168330	53.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.179	98	631938	55.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.483	95	191818	45.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	197	Below Cal	#	89
20) Methylene Chloride	4.716	84	16644	Below Cal	#	92
31) Cyclohexane	7.783	56	6882	1.107	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	25784	4.664	ug/l #	50
38) Carbon Tetrachloride	7.789	117	33412	5.852	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	103481	40.920	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	103481	90.266	ug/l #	10

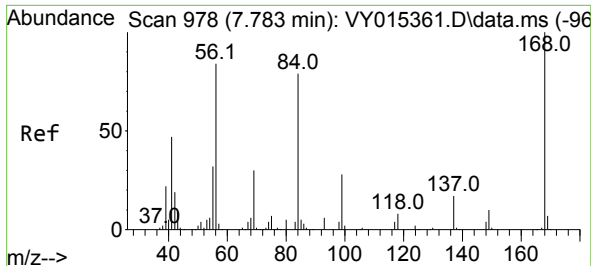
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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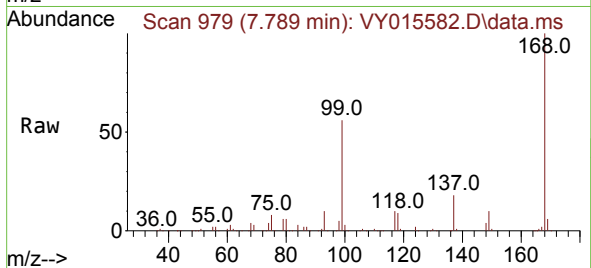
Quant Time: Sep 15 23:01:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



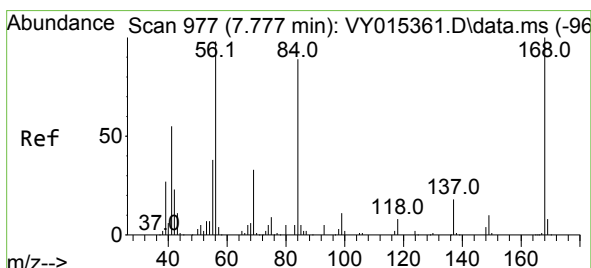
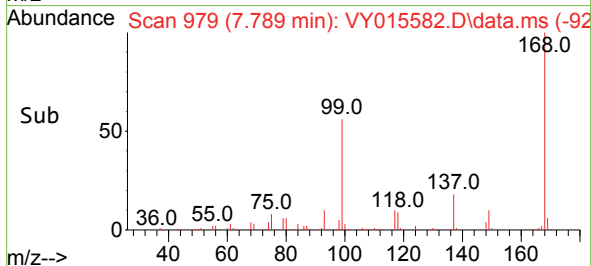
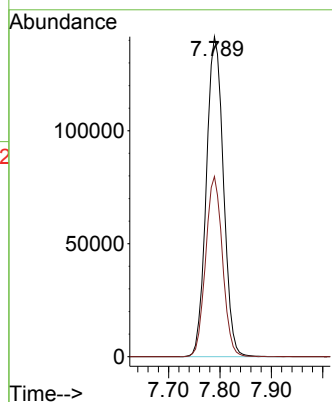


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

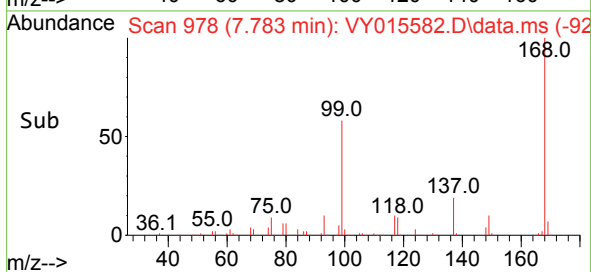
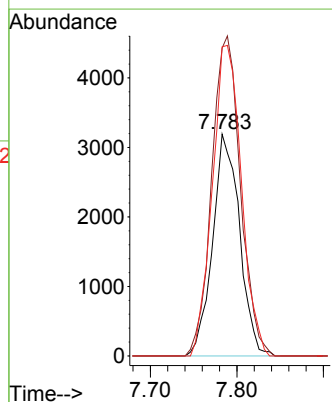
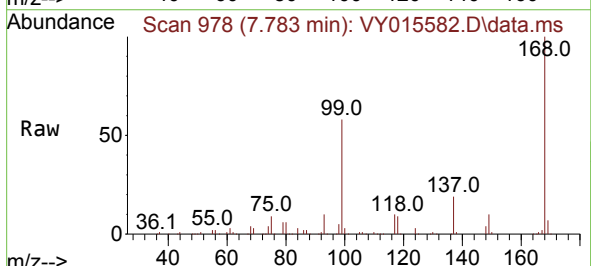


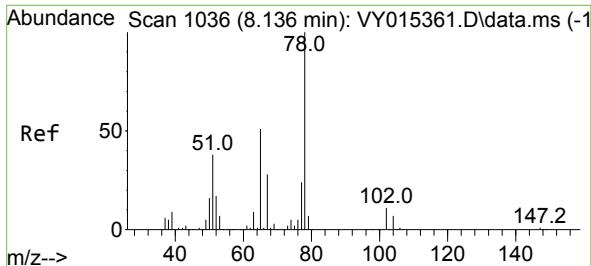
Tgt Ion:168 Resp: 326410
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Tgt Ion: 56 Resp: 6882
Ion Ratio Lower Upper
56 100
69 138.8 27.8 41.6#
84 139.4 66.4 99.6#

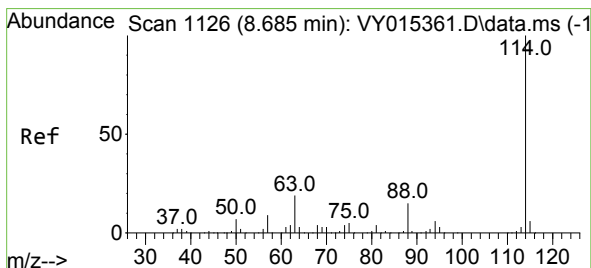
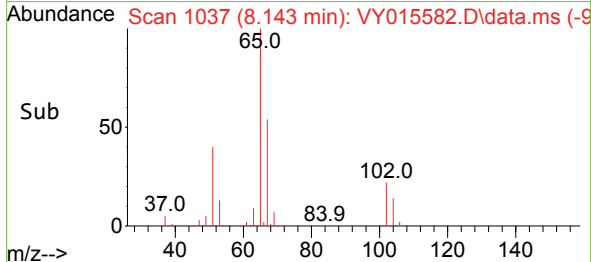
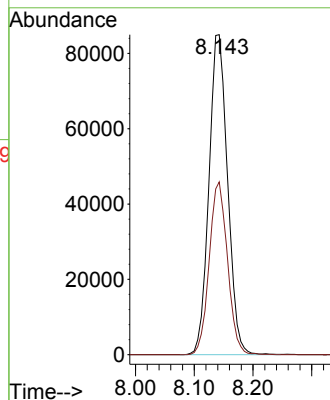
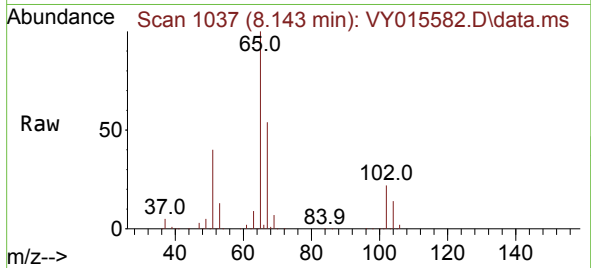




#33
 1,2-Dichloroethane-d4
 Concen: 53.504 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY015582.D
 Acq: 15 Sep 2023 20:10

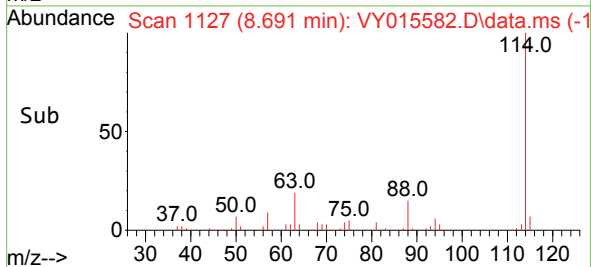
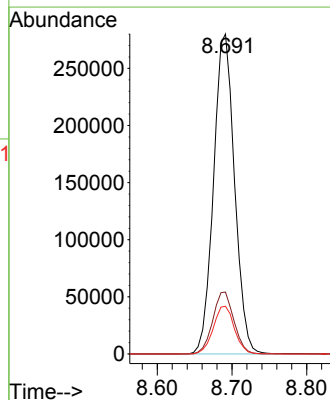
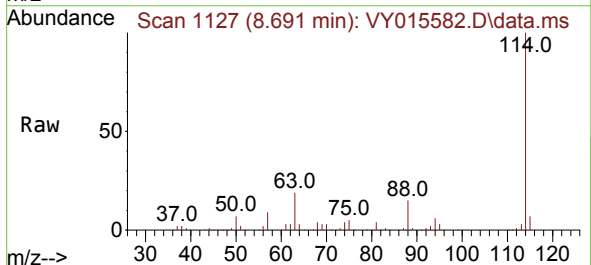
Instrument :
 MSVOA_Y
 ClientSampleId :

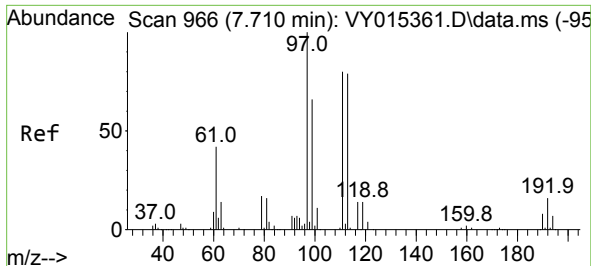
Tgt Ion: 65 Resp: 187214
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015582.D
 Acq: 15 Sep 2023 20:10

Tgt Ion:114 Resp: 546636
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 14.9 0.0 30.6

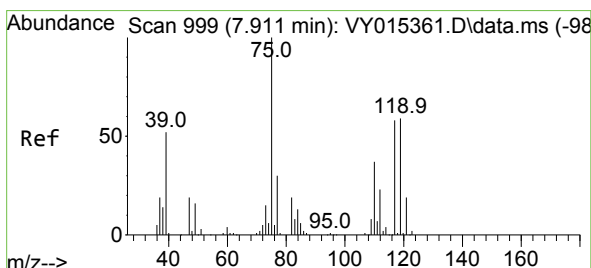
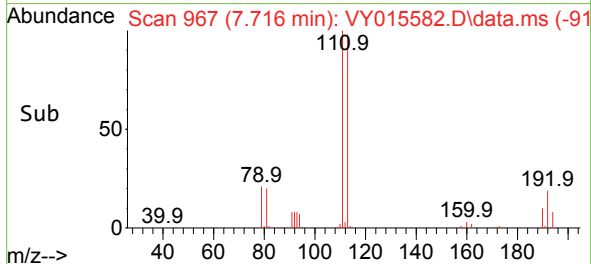
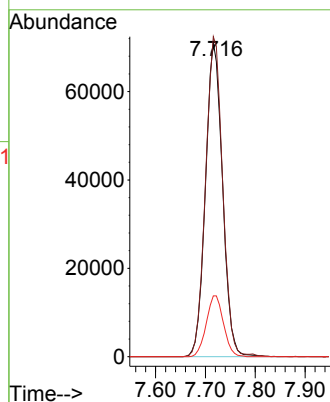
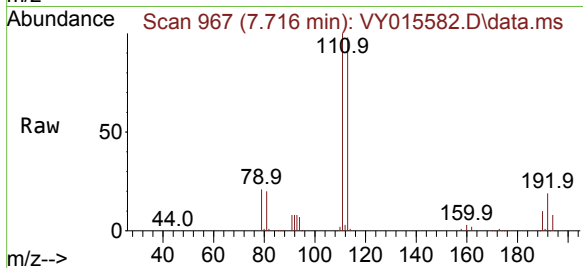




#35
Dibromofluoromethane
Concen: 53.463 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

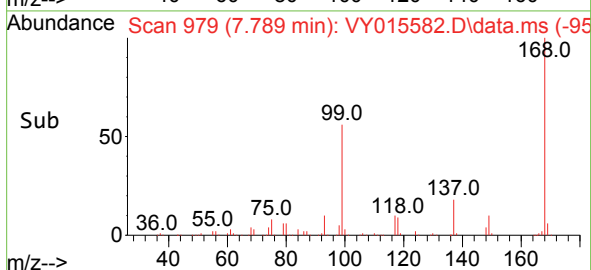
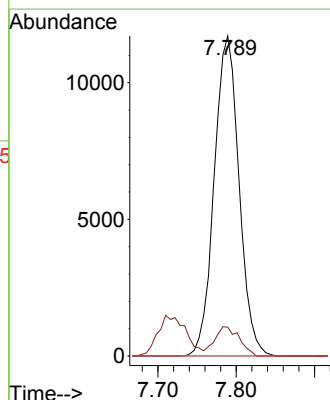
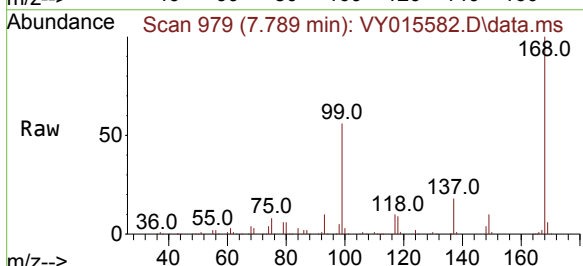
Instrument :
MSVOA_Y
ClientSampleId :

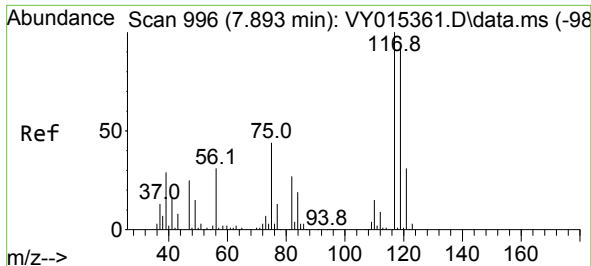
Tgt Ion:113 Resp: 168330
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

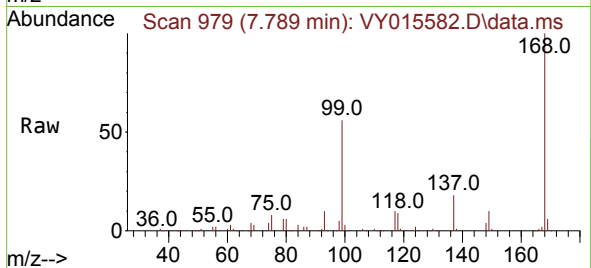
Tgt Ion: 75 Resp: 25784
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#



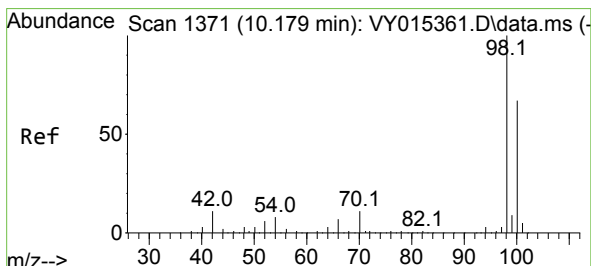
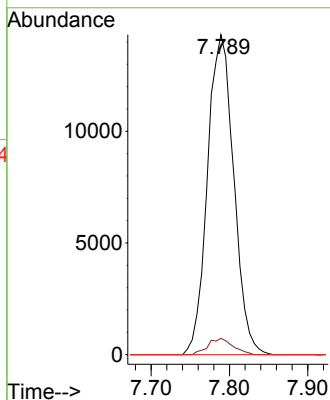
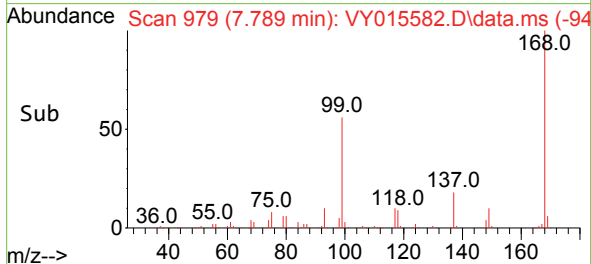


#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

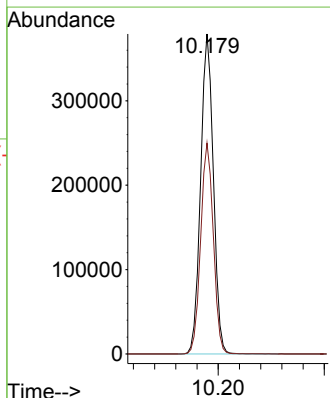
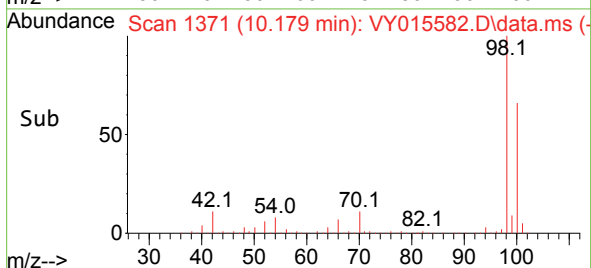
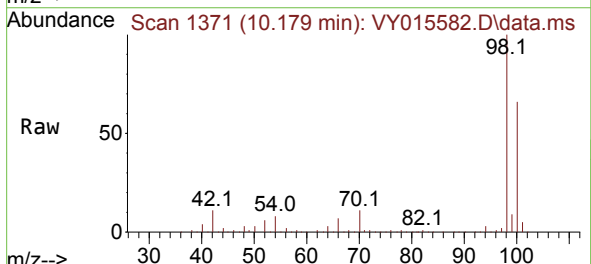


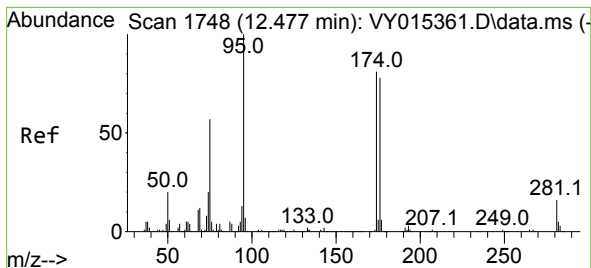
Tgt Ion:117 Resp: 33412
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.424 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Tgt Ion: 98 Resp: 631938
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

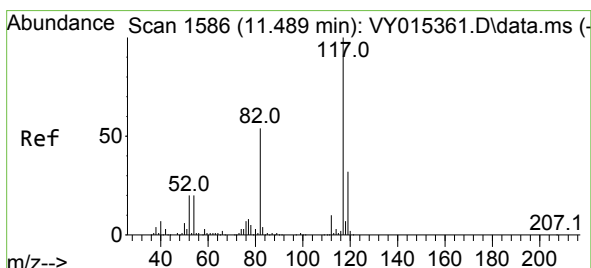
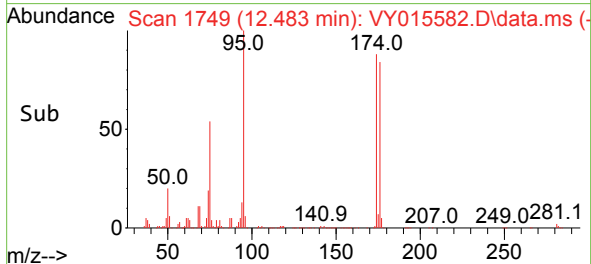
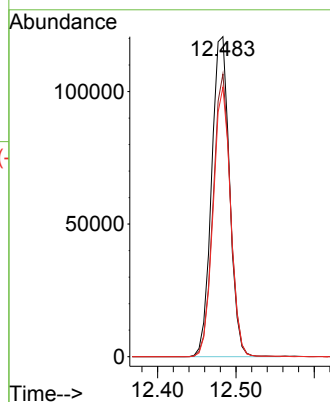
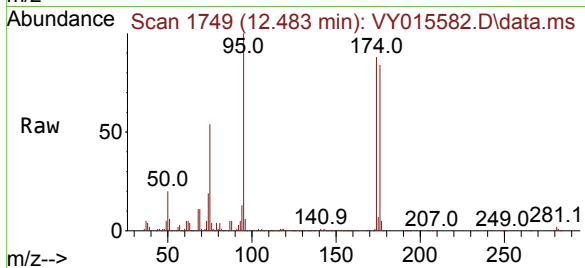




#62
4-Bromofluorobenzene
Concen: 45.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

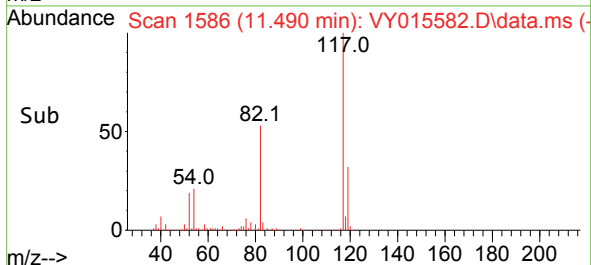
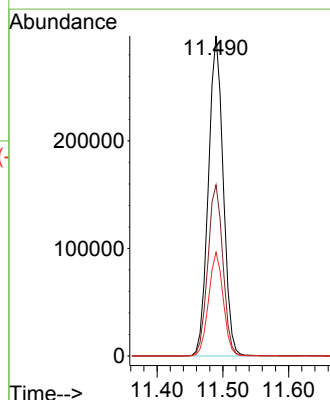
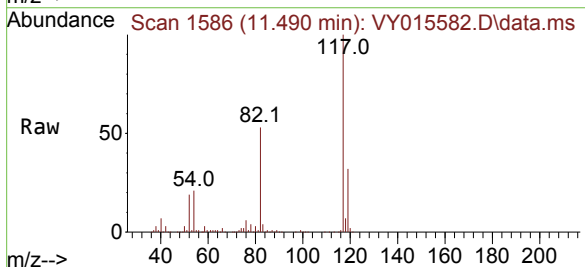
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MSVOA_Y
ClientSampleId :

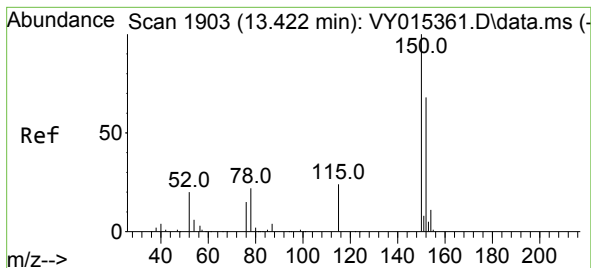
Tgt Ion: 95 Resp: 191818
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Tgt Ion: 117 Resp: 467019
Ion Ratio Lower Upper
117 100
82 53.5 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: VY015582.D

Acq: 15 Sep 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

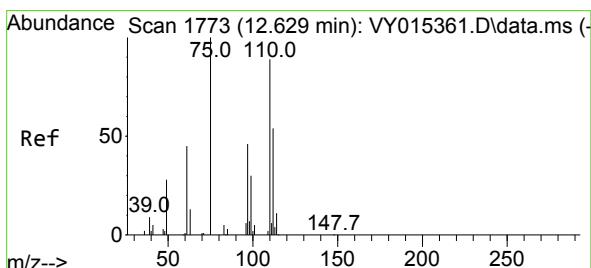
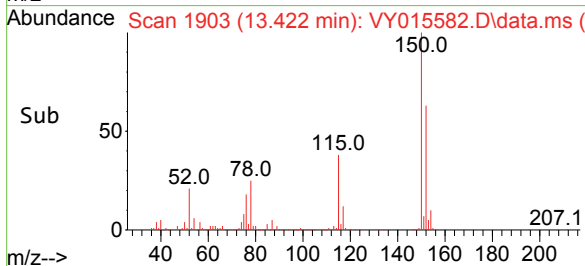
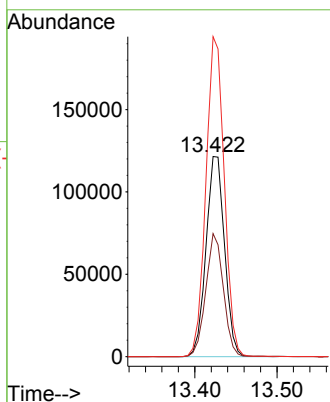
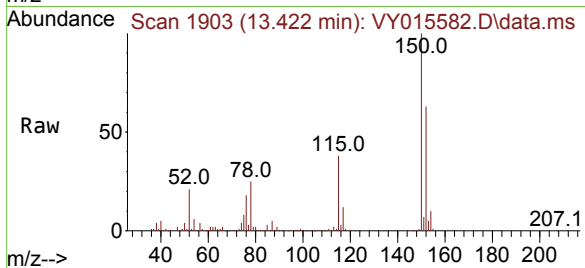
Tgt Ion:152 Resp: 190697

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.7 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.920 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015582.D

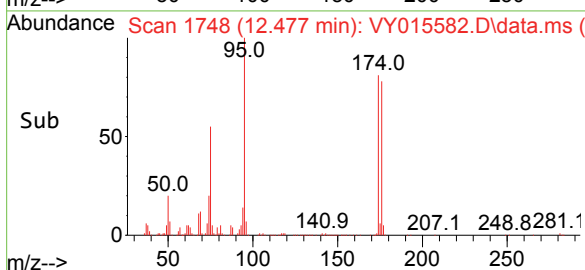
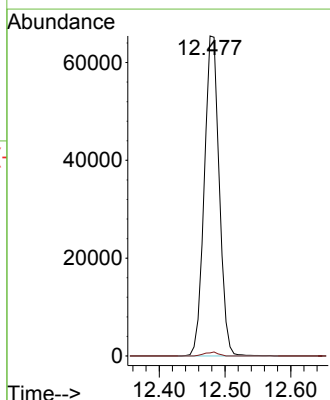
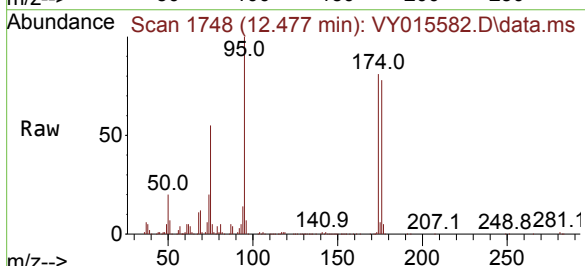
Acq: 15 Sep 2023 20:10

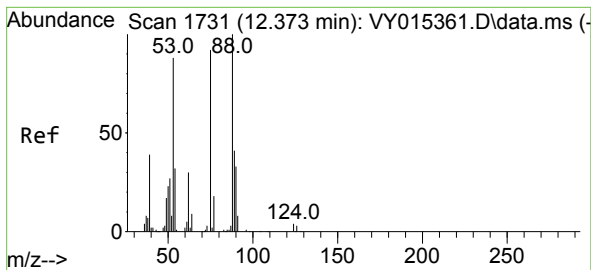
Tgt Ion: 75 Resp: 103481

Ion Ratio Lower Upper

75 100

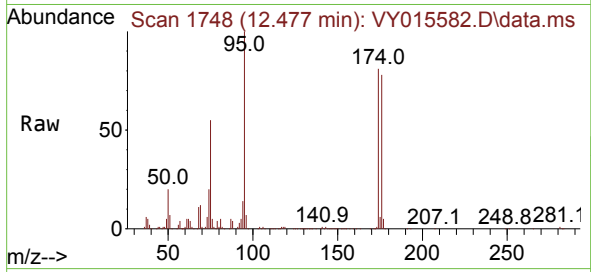
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.266 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015582.D
Acq: 15 Sep 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 103481
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

