

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015552.D
 Acq On : 14 Sep 2023 22:35
 Operator : SY/MD
 Sample : 04409-15
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:08:27 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

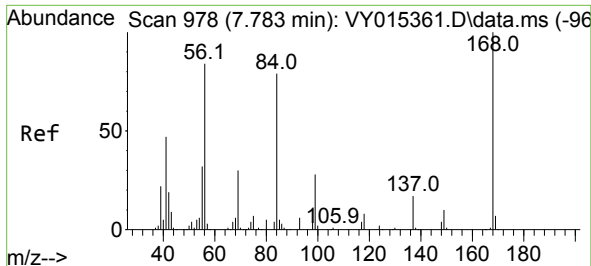
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	361625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	601292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	550076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	260734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	220089	56.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.540%	
35) Dibromofluoromethane	7.716	113	189635	54.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.520%	
50) Toluene-d8	10.179	98	708255	56.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.940%	
62) 4-Bromofluorobenzene	12.483	95	248056	53.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.984	59	448	Below Cal	#	89
16) Acetone	3.960	43	16429	10.154	ug/l	96
20) Methylene Chloride	4.710	84	25226	Below Cal		89
25) 2-Butanone	6.996	43	3199	1.394	ug/l #	86
31) Cyclohexane	7.783	56	7605	1.104	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	27062	4.450	ug/l #	50
38) Carbon Tetrachloride	7.789	117	35759	5.693	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	132993	38.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	132993	84.847	ug/l #	11

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

Quant Time: Sep 15 04:08:27 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

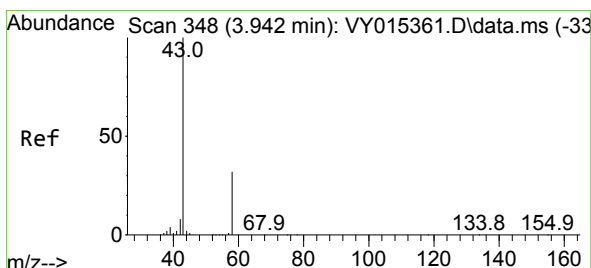
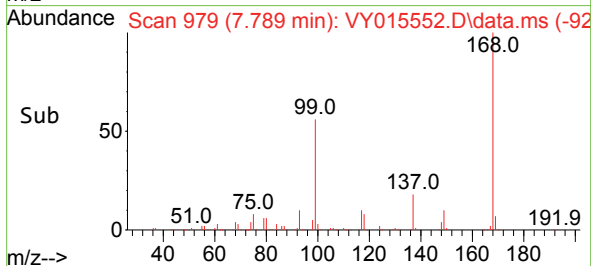
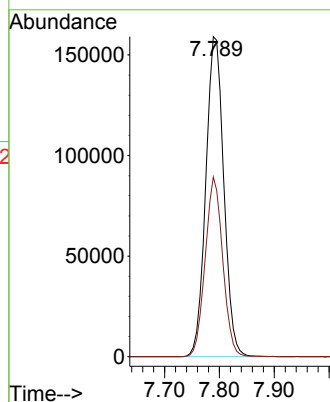
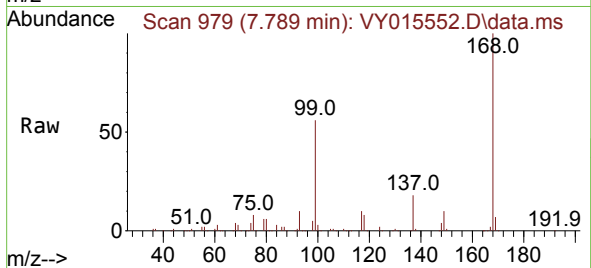




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

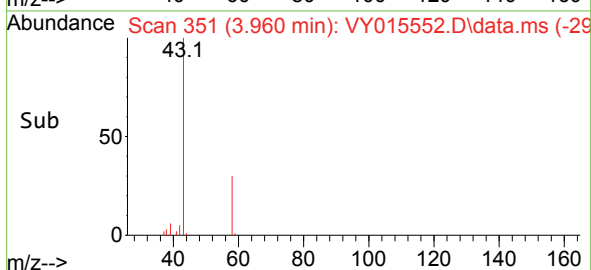
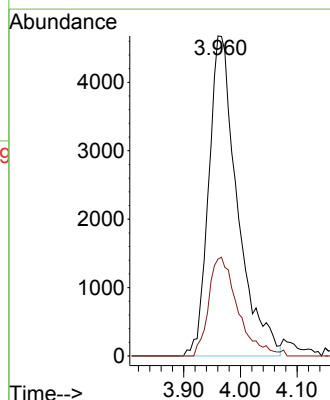
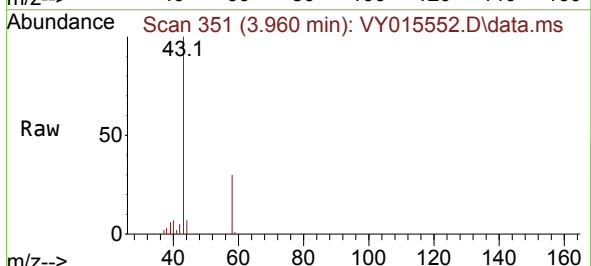
Instrument :
MSVOA_Y
ClientSampleId :

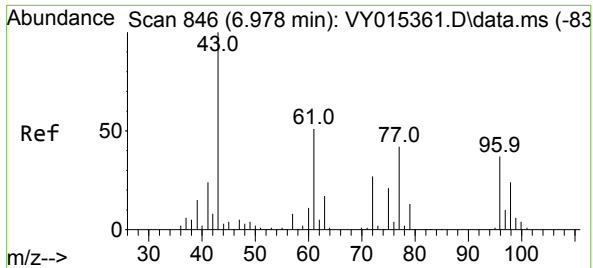
Tgt Ion:168 Resp: 361625
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#16
Acetone
Concen: 10.154 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

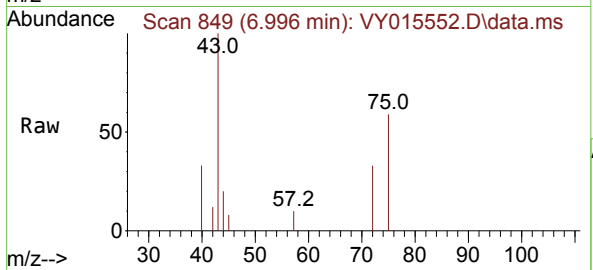
Tgt Ion: 43 Resp: 16429
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1



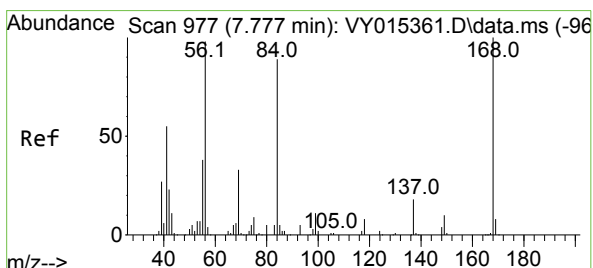
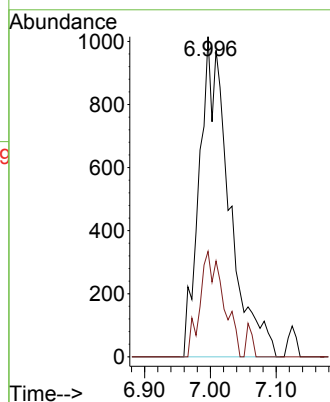
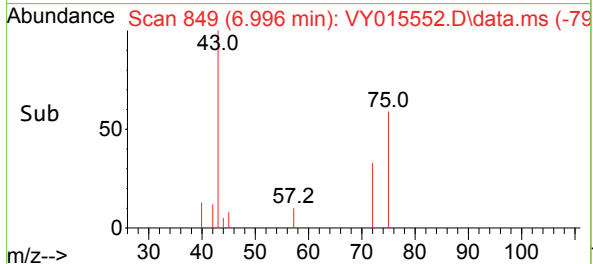


#25
2-Butanone
Concen: 1.394 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Instrument :
MSVOA_Y
ClientSampleId :

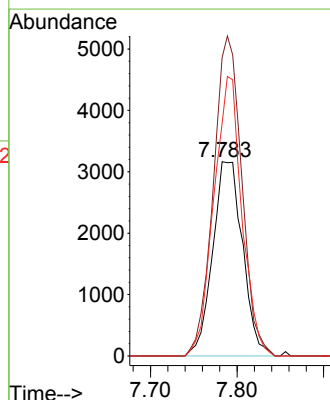
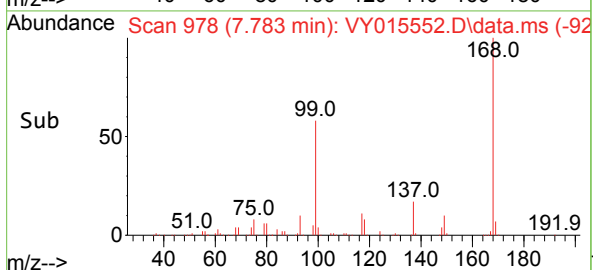
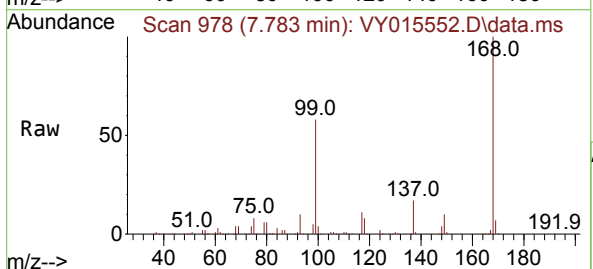


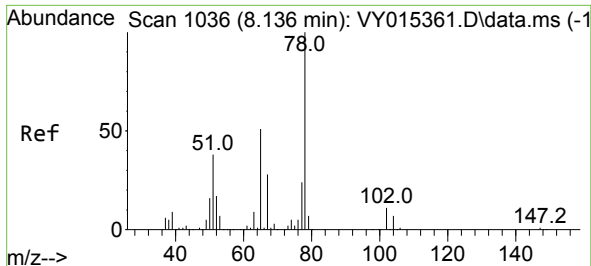
Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
72 32.9 20.5 30.7#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Tgt Ion: 56 Resp: 7605
Ion Ratio Lower Upper
56 100
69 153.6 27.8 41.6#
84 119.7 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.774 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015552.D

Acq: 14 Sep 2023 22:35

Instrument :

MSVOA_Y

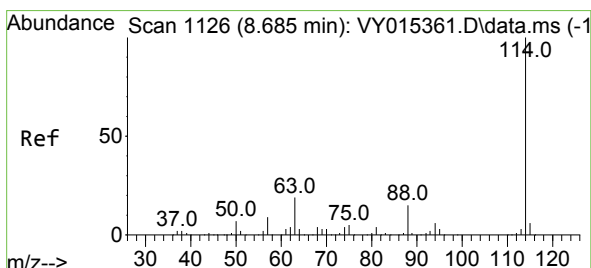
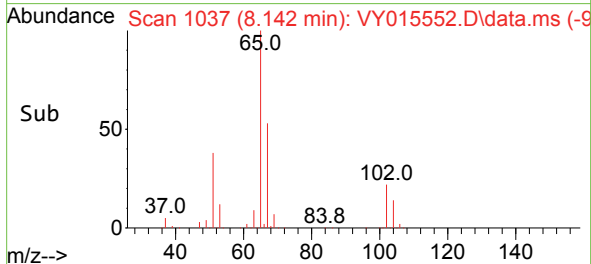
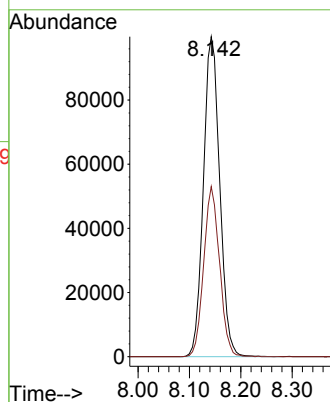
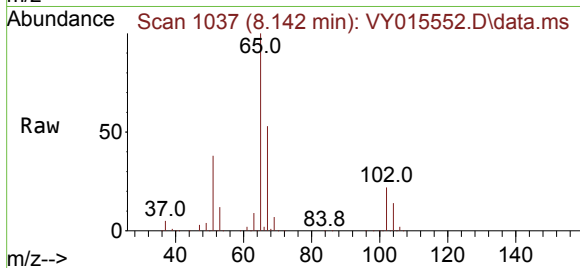
ClientSampleId :

Tgt Ion: 65 Resp: 220089

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015552.D

Acq: 14 Sep 2023 22:35

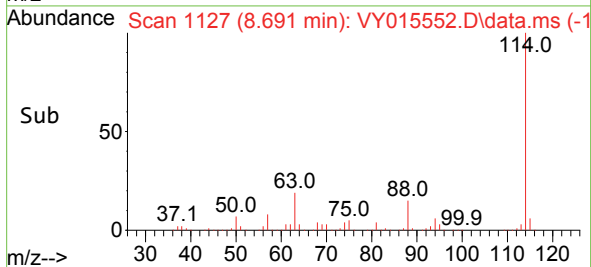
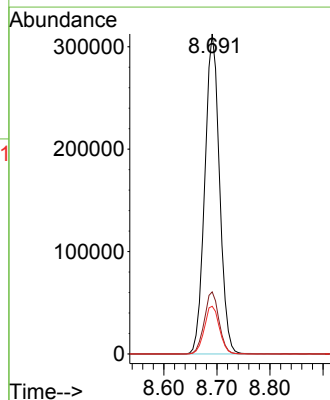
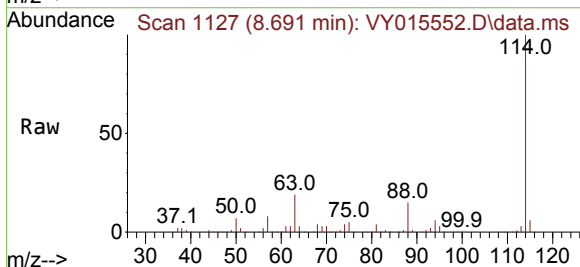
Tgt Ion: 114 Resp: 601292

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

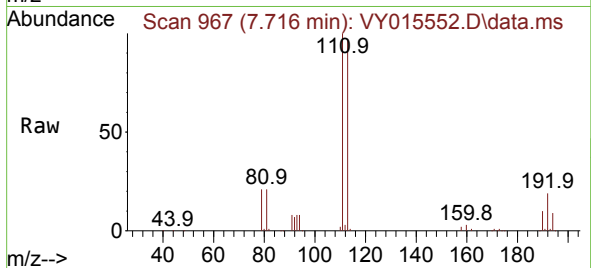
88 14.9 0.0 30.6



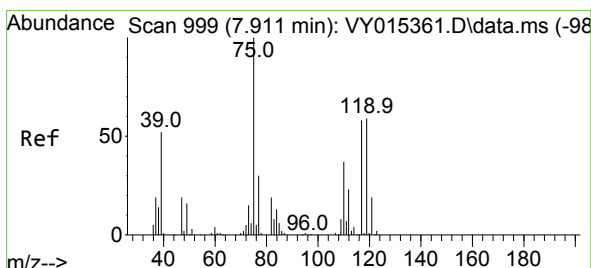
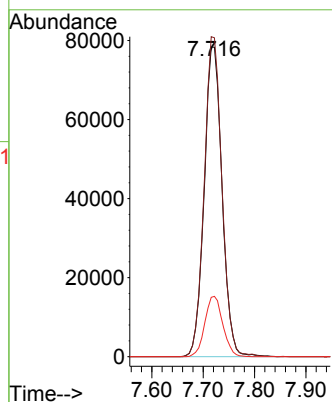
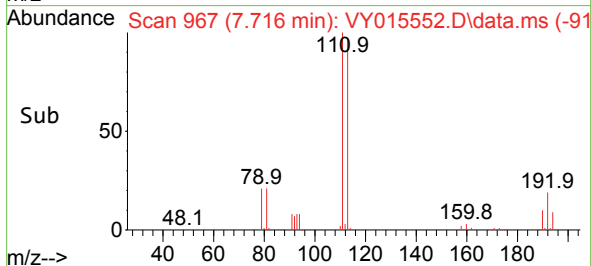


#35
Dibromofluoromethane
Concen: 54.755 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Instrument :
MSVOA_Y
ClientSampleId :

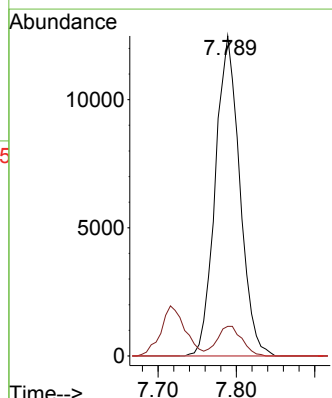
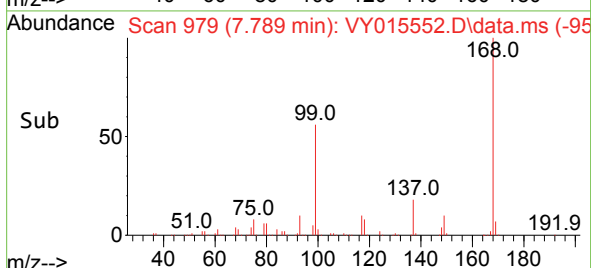
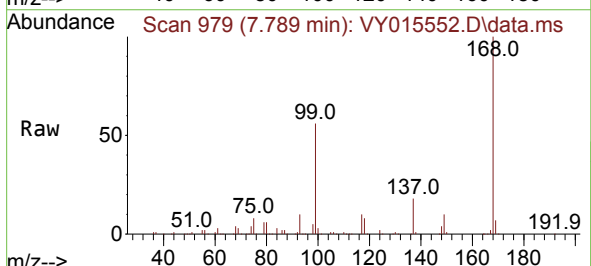


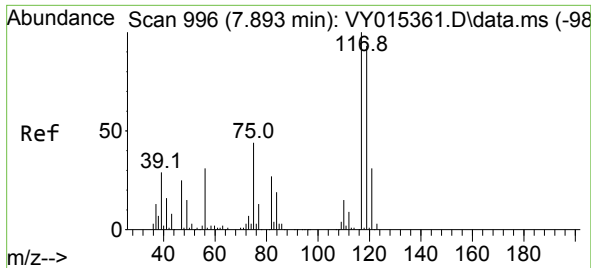
Tgt Ion:113 Resp: 189635
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

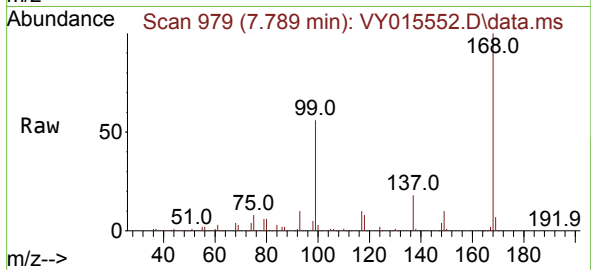
Tgt Ion: 75 Resp: 27062
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#



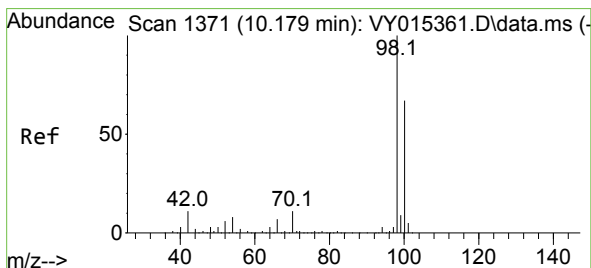
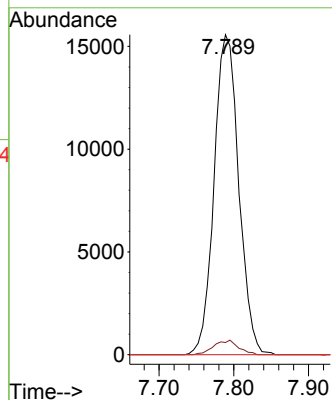
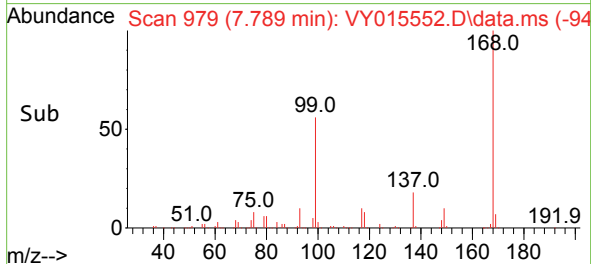


#38
Carbon Tetrachloride
Concen: 5.693 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Instrument :
MSVOA_Y
ClientSampleId :

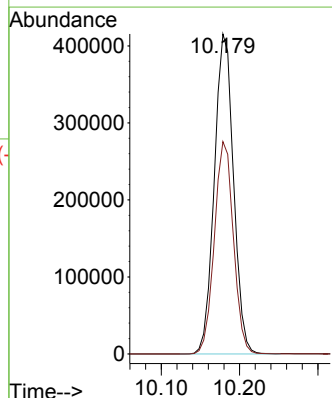
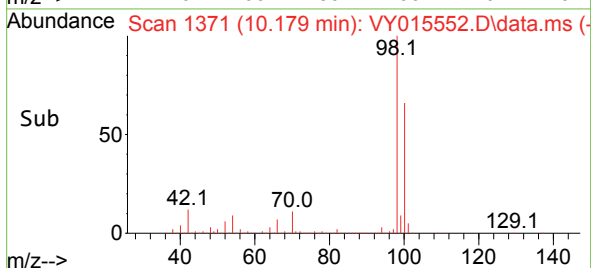
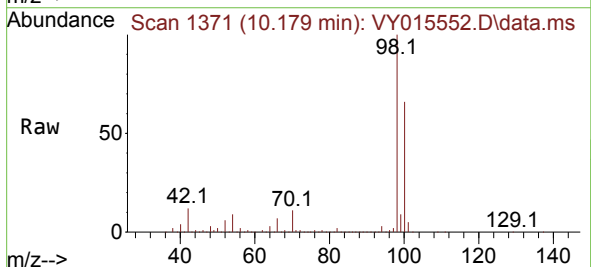


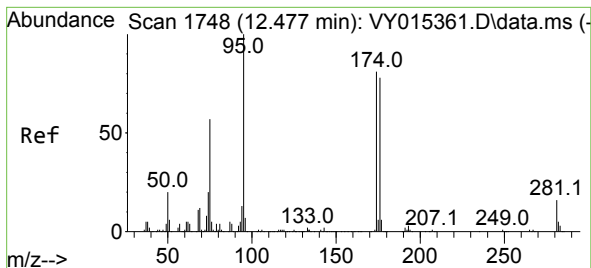
Tgt Ion:117 Resp: 35759
Ion Ratio Lower Upper
117 100
119 3.8 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.471 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Tgt Ion: 98 Resp: 708255
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

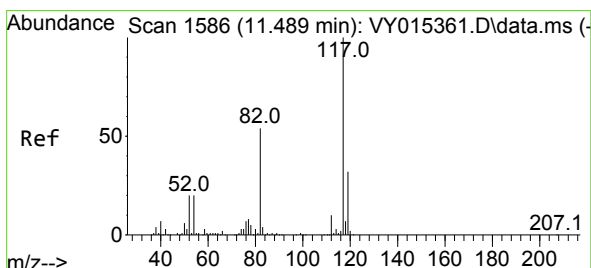
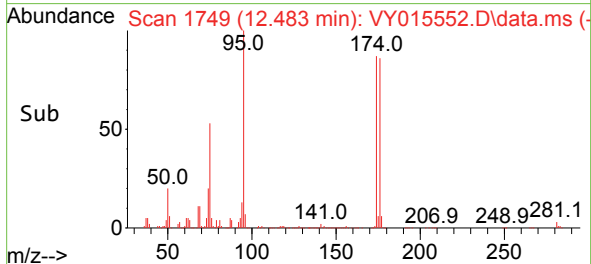
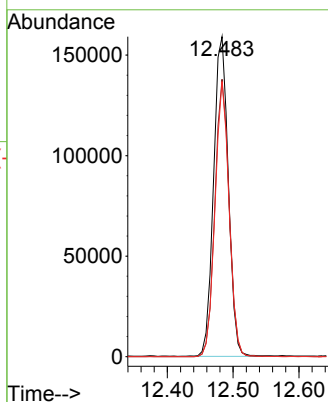
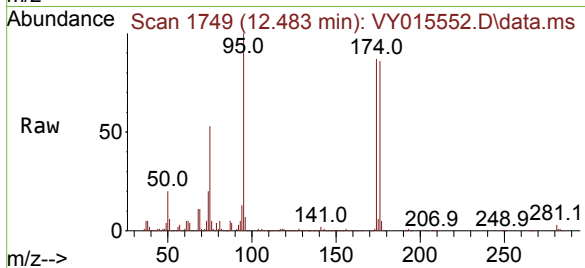




#62
4-Bromofluorobenzene
Concen: 53.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

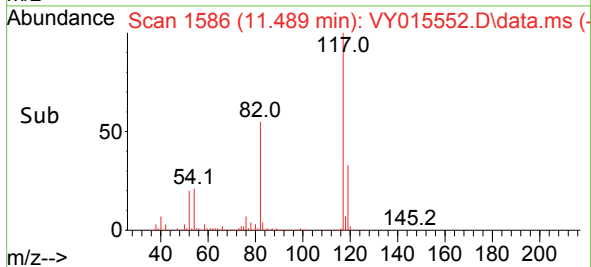
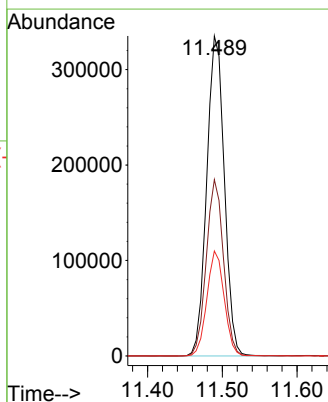
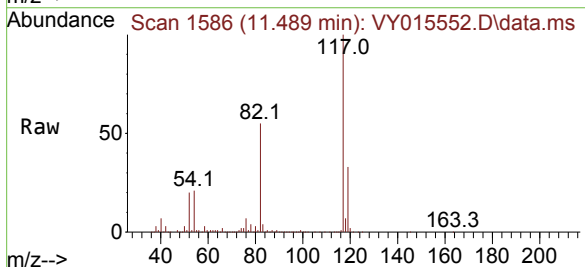
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MSVOA_Y
ClientSampleId :

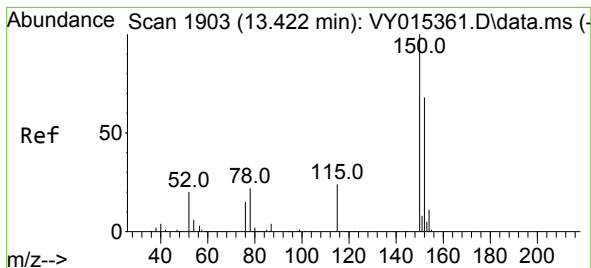
Tgt Ion: 95 Resp: 248056
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015552.D
Acq: 14 Sep 2023 22:35

Tgt Ion: 117 Resp: 550076
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.8 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: VY015552.D

Acq: 14 Sep 2023 22:35

Instrument :

MSVOA_Y

ClientSampleId :

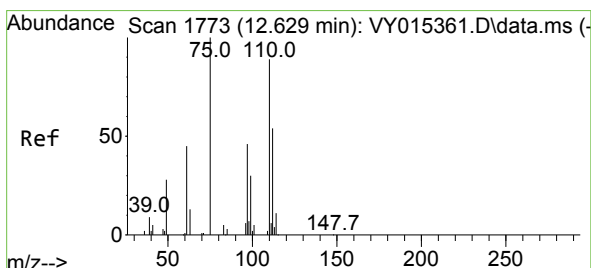
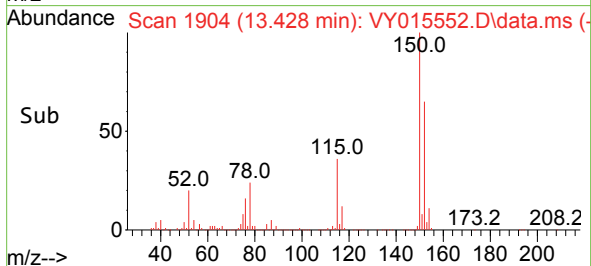
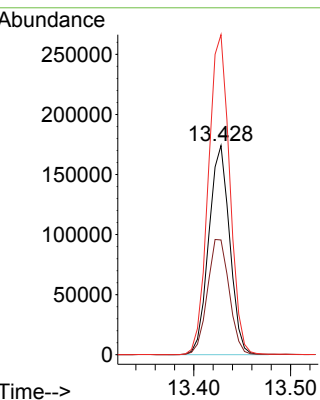
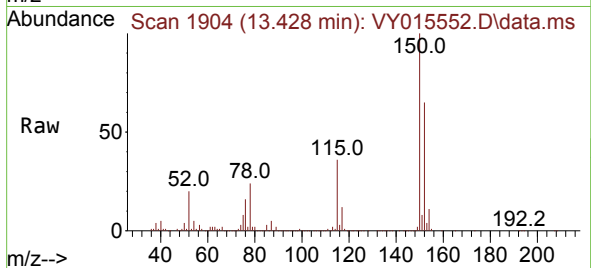
Tgt Ion:152 Resp: 260734

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.464 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015552.D

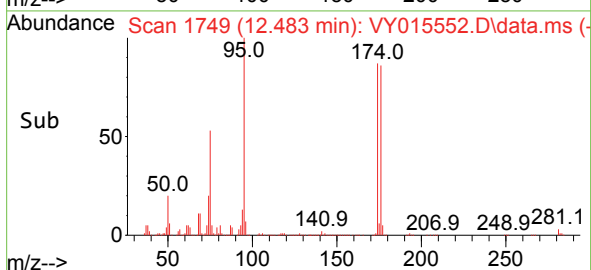
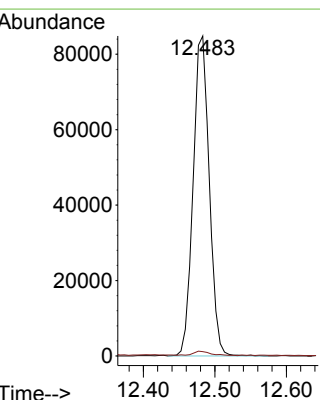
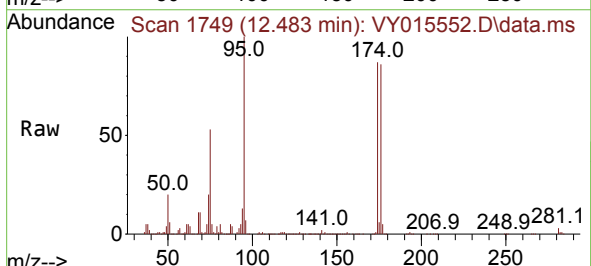
Acq: 14 Sep 2023 22:35

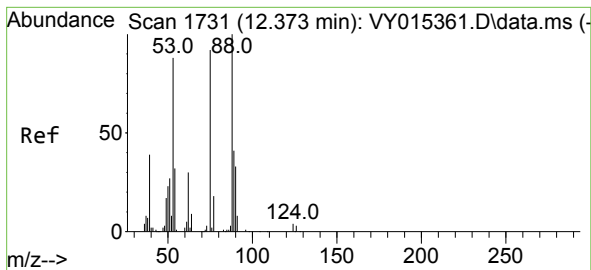
Tgt Ion: 75 Resp: 132993

Ion Ratio Lower Upper

75 100

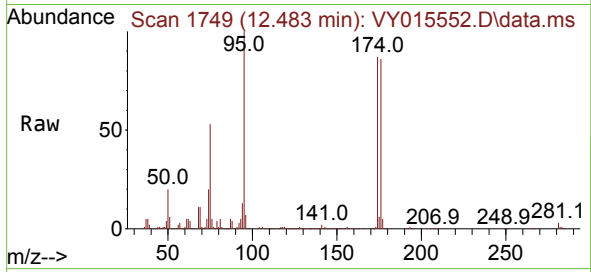
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.847 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY015552.D
 Acq: 14 Sep 2023 22:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 132993
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.8 116.8#
 89 0.0 37.4 56.0#

