

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015542.D
 Acq On : 14 Sep 2023 18:38
 Operator : SY/MD
 Sample : 04394-07
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:04:36 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	367259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	624626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	557868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	252015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	235059	59.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.420%	
35) Dibromofluoromethane	7.716	113	191478	53.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.179	98	724335	55.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.477	95	246274	50.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	295	Below Cal	#	89
13) Acrolein	3.723	56	372	11.970	ug/l #	14
16) Acetone	3.948	43	21980	13.376	ug/l	96
17) Carbon Disulfide	4.186	76	114324	10.475	ug/l	100
20) Methylene Chloride	4.710	84	13341	Below Cal		92
25) 2-Butanone	6.996	43	7448	3.196	ug/l	97
31) Cyclohexane	7.789	56	7624	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	27729	4.389	ug/l #	50
37) Ethyl Acetate	6.996	43	7448	1.529	ug/l #	71
38) Carbon Tetrachloride	7.789	117	37161	5.696	ug/l #	16
40) Benzene	8.161	78	1074398	60.959	ug/l	99
76) 1,2,3-Trichloropropane	12.477	75	130549	39.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	130549	86.169	ug/l #	11

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

Instrument :

MSVOA_Y

ClientSampleId :

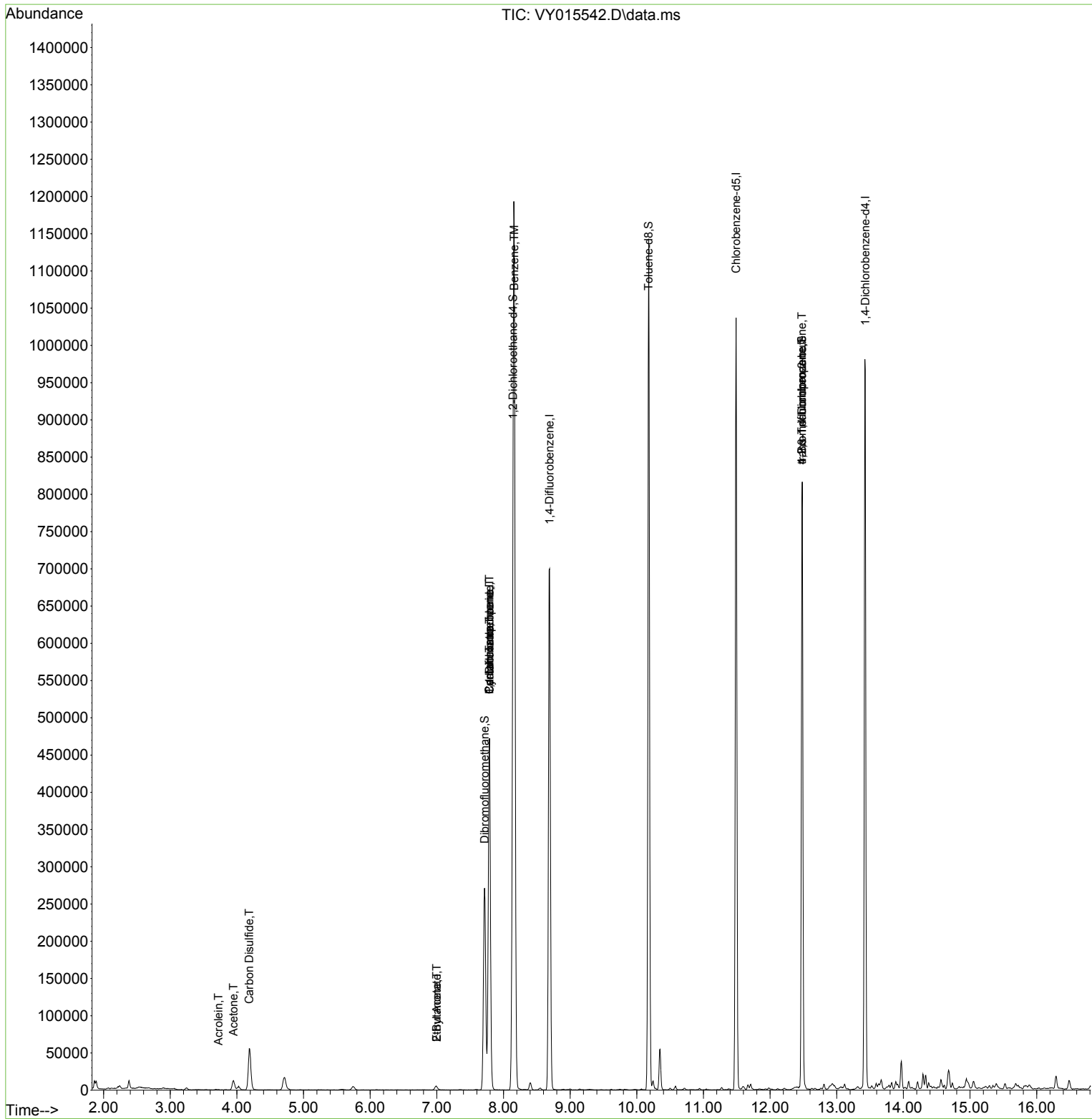
Quant Time: Sep 15 04:04:36 2023

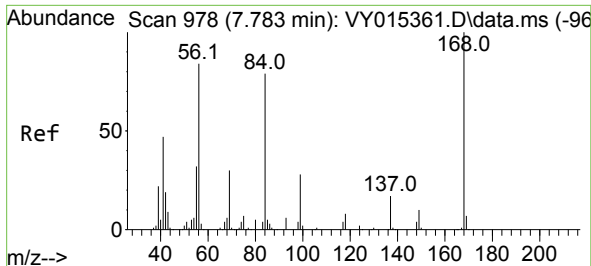
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M

Quant Title : SW846 8260

QLast Update : Thu Aug 31 20:01:47 2023

Response via : Initial Calibration

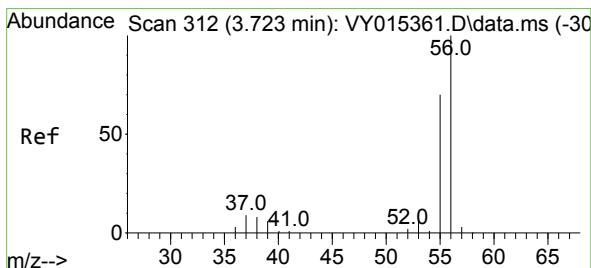
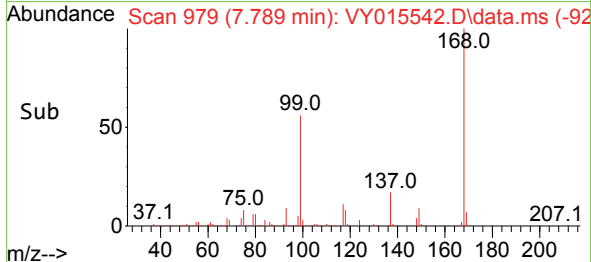
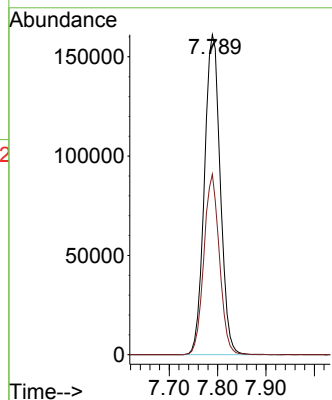
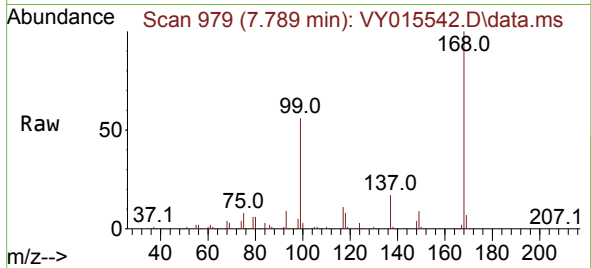




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

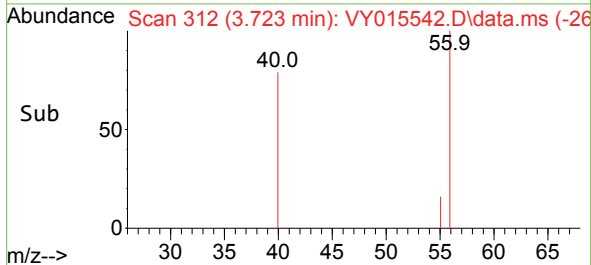
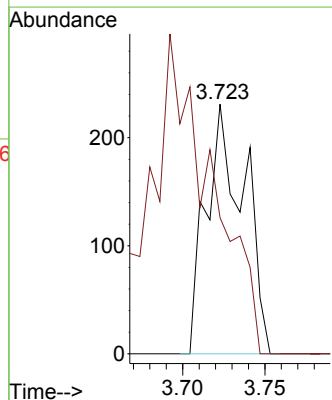
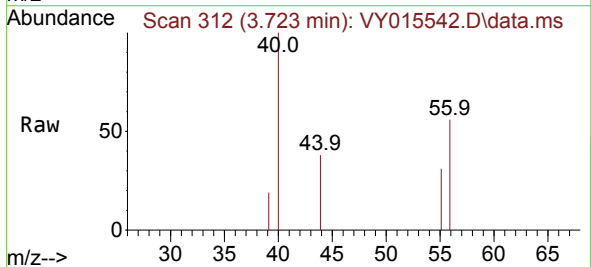
Instrument :
MSVOA_Y
ClientSampleId :

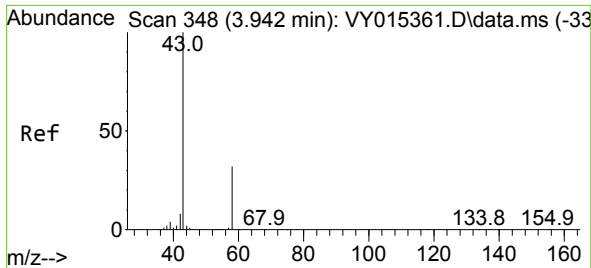
Tgt Ion:168 Resp: 367259
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#13
Acrolein
Concen: 11.970 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 56 Resp: 372
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 13.376 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

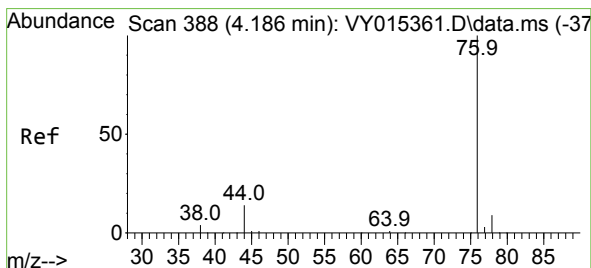
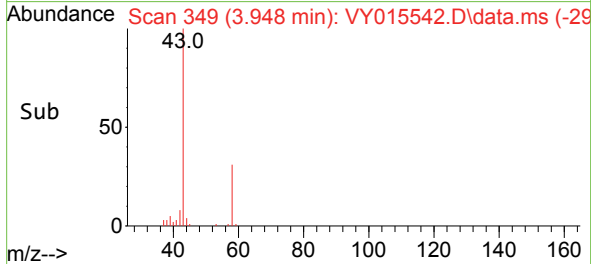
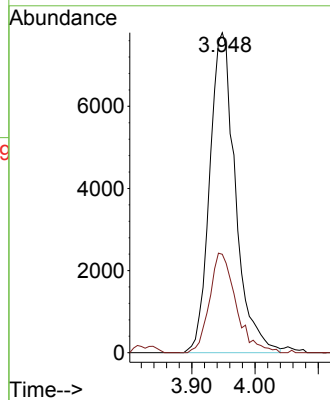
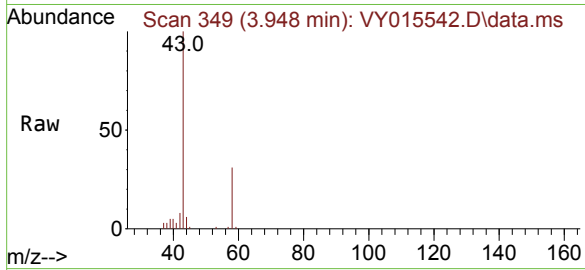
ClientSampleId :

Tgt Ion: 43 Resp: 21980

Ion Ratio Lower Upper

43 100

58 30.7 22.7 34.1



#17

Carbon Disulfide

Concen: 10.475 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015542.D

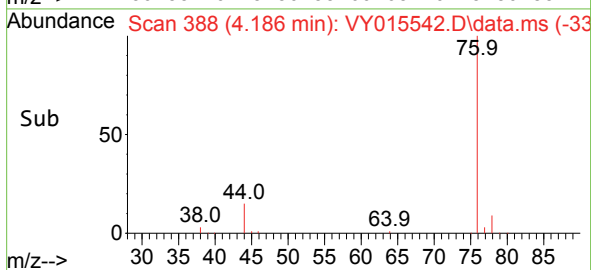
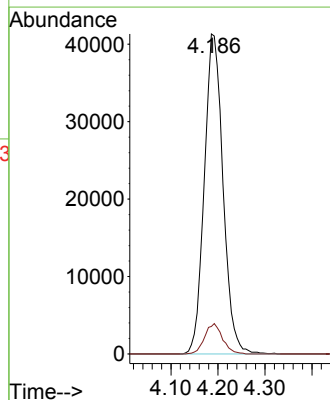
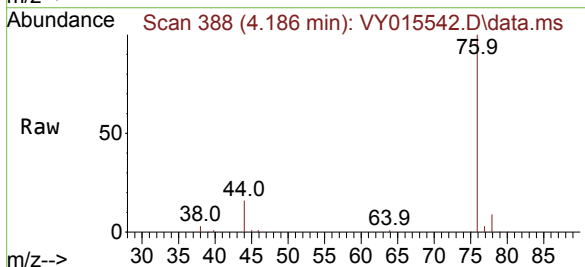
Acq: 14 Sep 2023 18:38

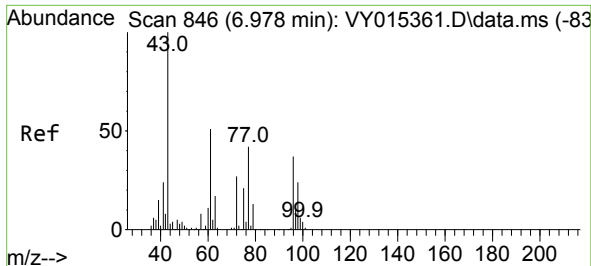
Tgt Ion: 76 Resp: 114324

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4

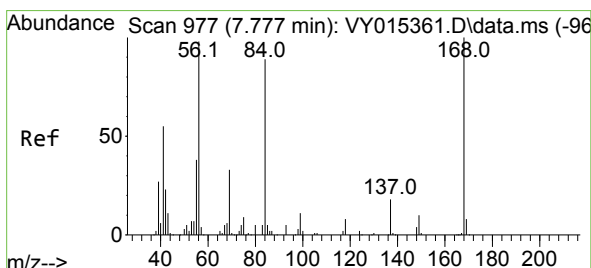
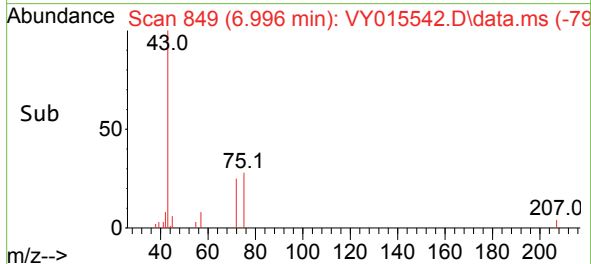
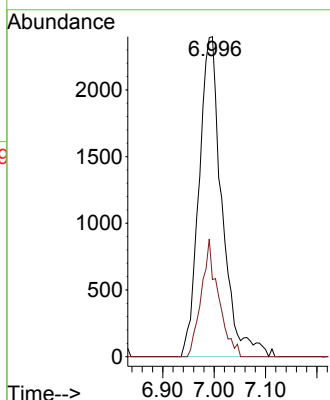
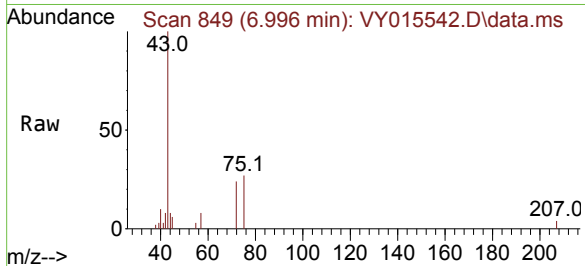




#25
2-Butanone
Concen: 3.196 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

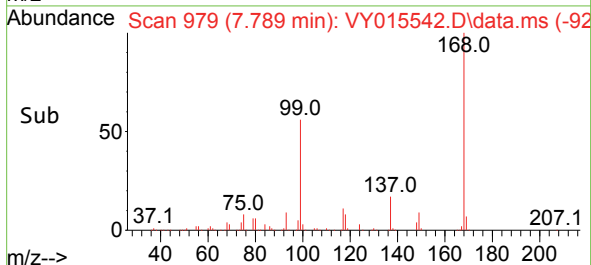
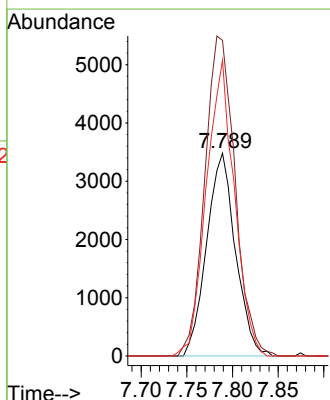
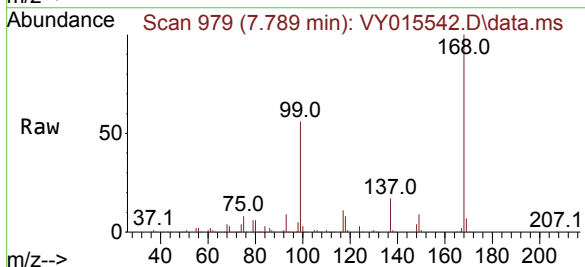
Instrument :
MSVOA_Y
ClientSampleId :

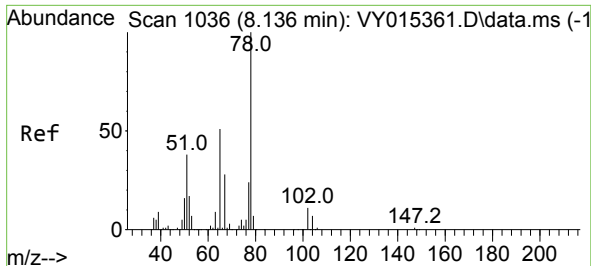
Tgt Ion: 43 Resp: 7448
Ion Ratio Lower Upper
43 100
72 24.1 20.5 30.7



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 56 Resp: 7624
Ion Ratio Lower Upper
56 100
69 155.6 27.8 41.6#
84 145.9 66.4 99.6#

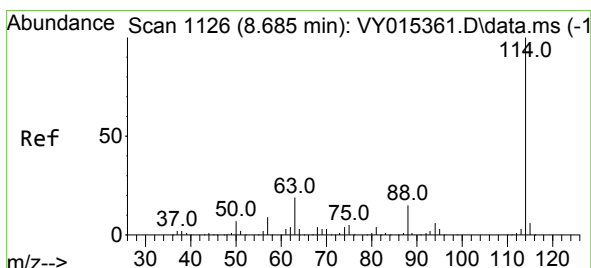
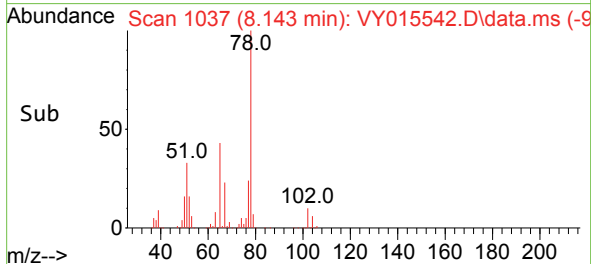
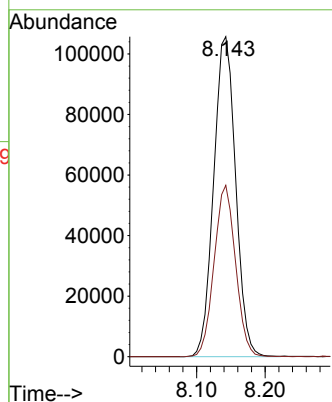
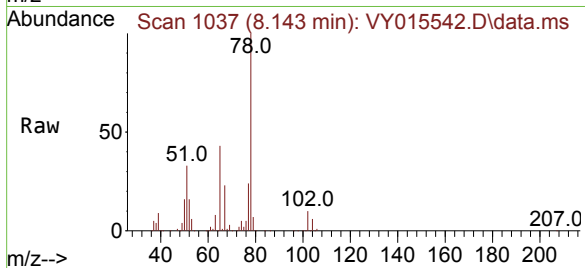




#33
 1,2-Dichloroethane-d4
 Concen: 59.706 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY015542.D
 Acq: 14 Sep 2023 18:38

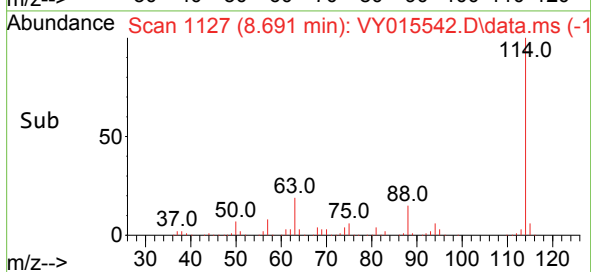
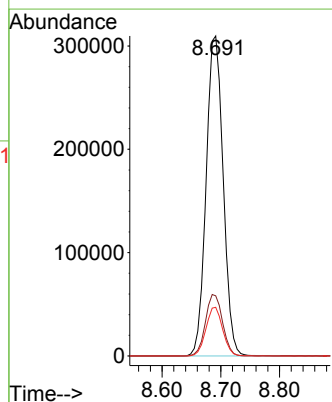
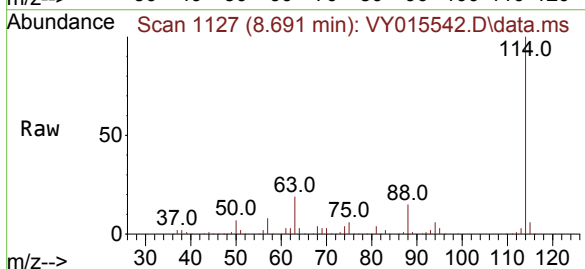
Instrument :
 MSVOA_Y
 ClientSampleId :

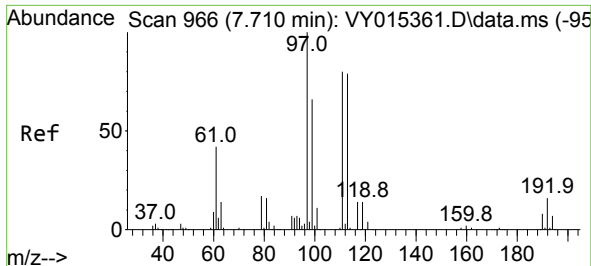
Tgt Ion: 65 Resp: 235059
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015542.D
 Acq: 14 Sep 2023 18:38

Tgt Ion: 114 Resp: 624626
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.2 0.0 30.6

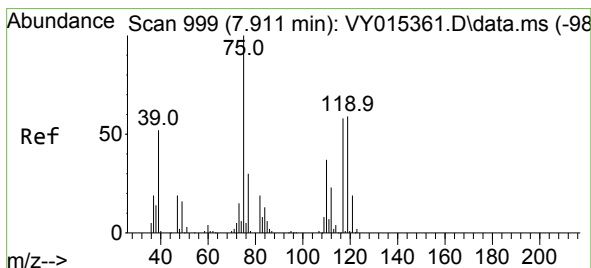
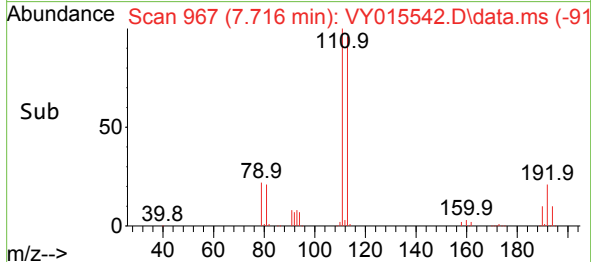
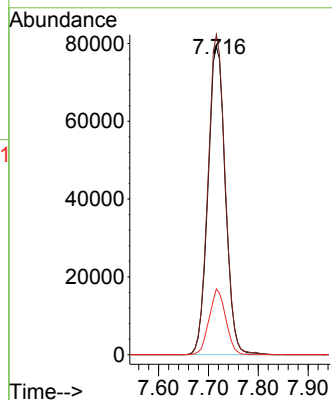
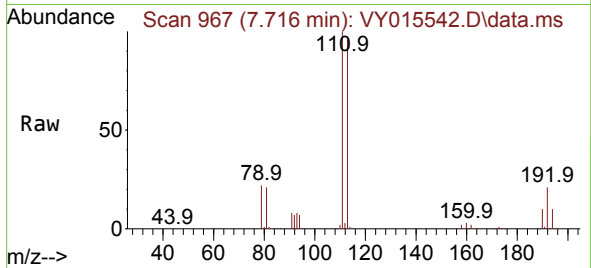




#35
Dibromofluoromethane
Concen: 53.222 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

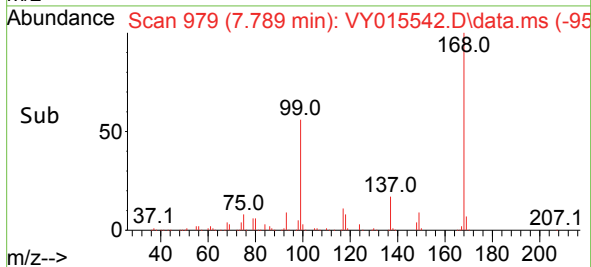
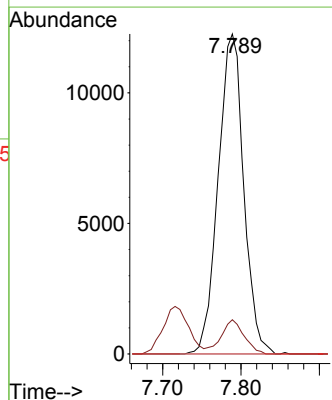
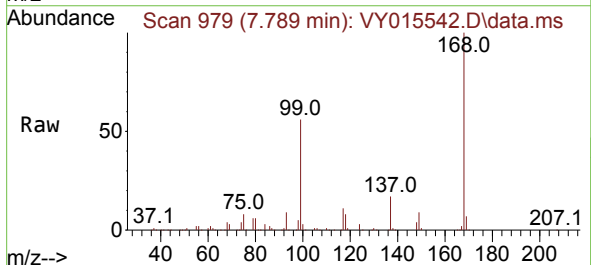
Instrument :
MSVOA_Y
ClientSampleId :

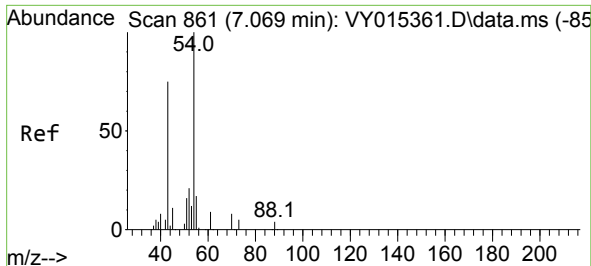
Tgt Ion:113 Resp: 191478
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 75 Resp: 27729
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.529 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.067 min

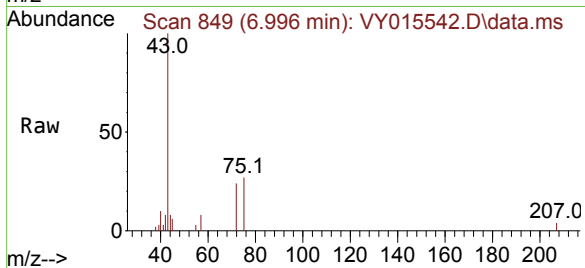
Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :



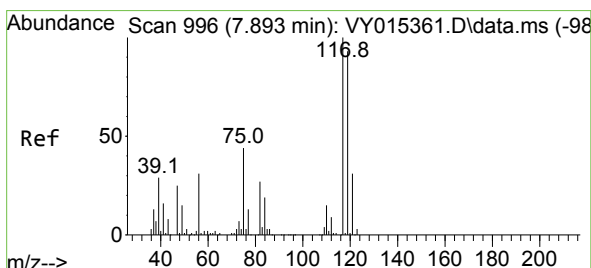
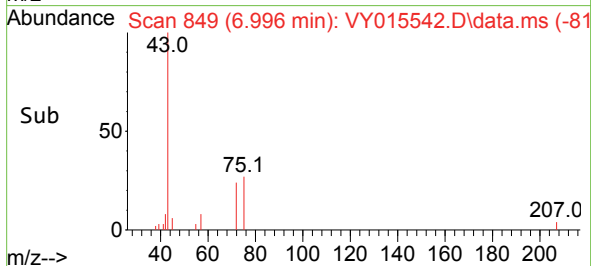
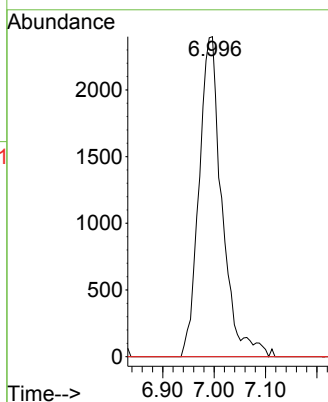
Tgt Ion: 43 Resp: 7448

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.696 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY015542.D

Acq: 14 Sep 2023 18:38

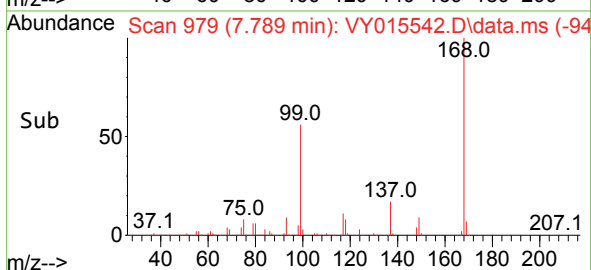
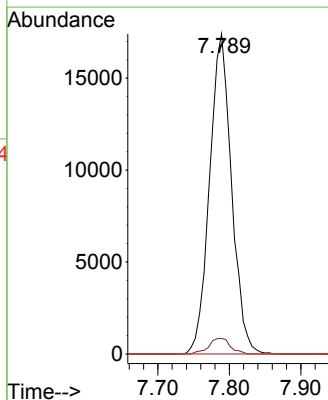
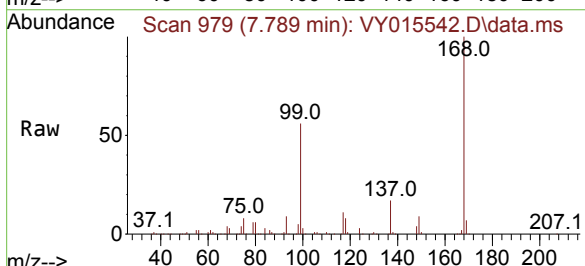
Tgt Ion: 117 Resp: 37161

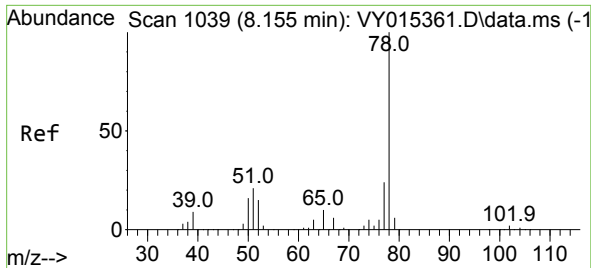
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#

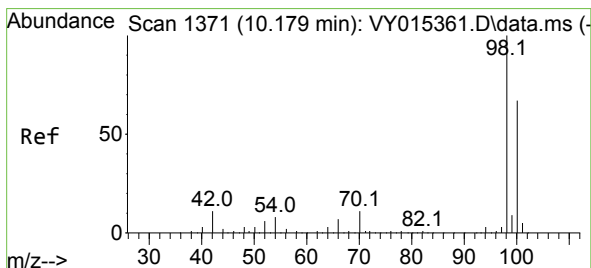
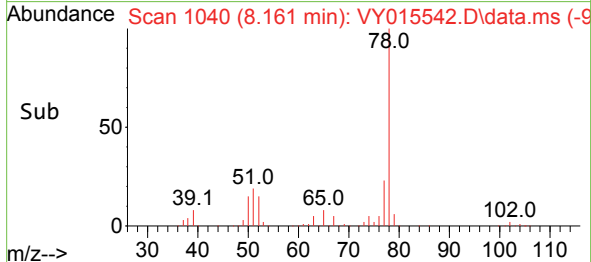
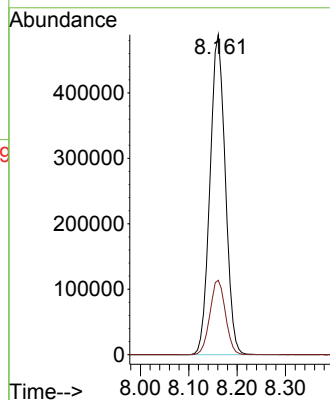
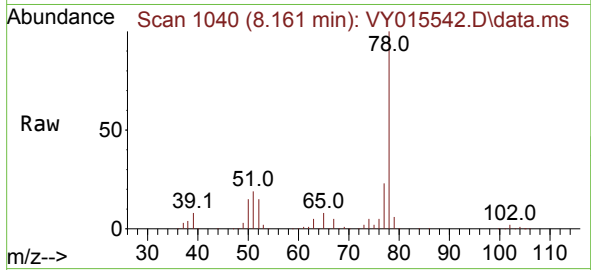




#40
Benzene
Concen: 60.959 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

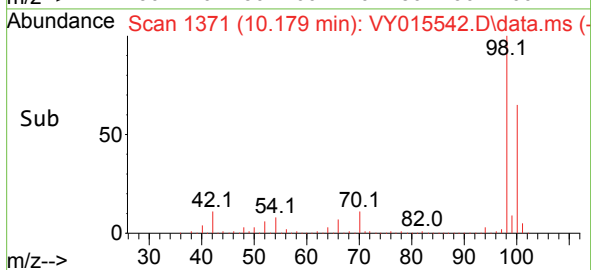
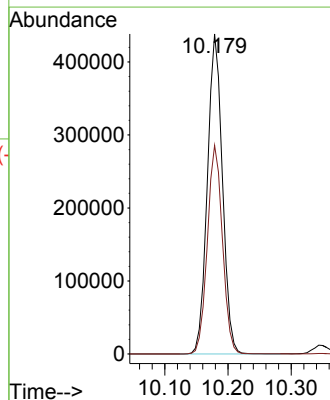
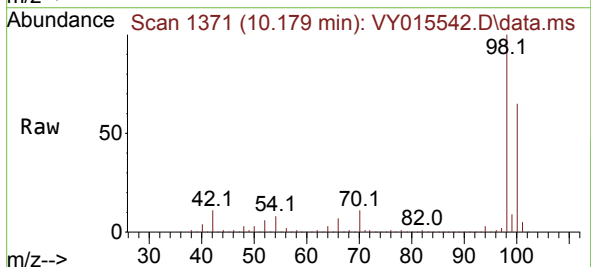
Instrument :
MSVOA_Y
ClientSampleId :

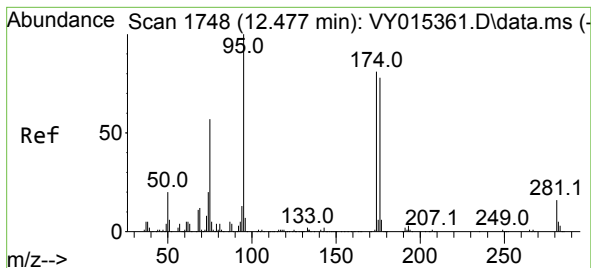
Tgt Ion: 78 Resp: 1074398
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



#50
Toluene-d8
Concen: 55.596 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 98 Resp: 724335
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

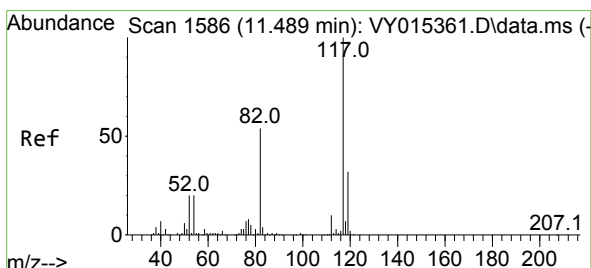
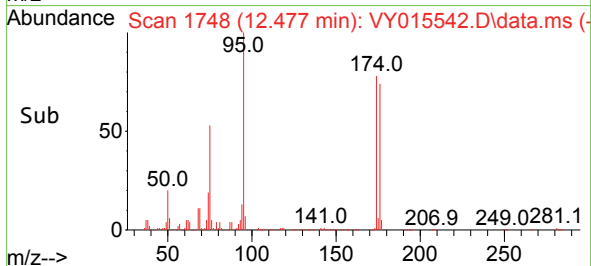
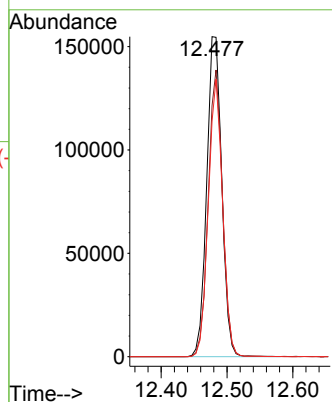
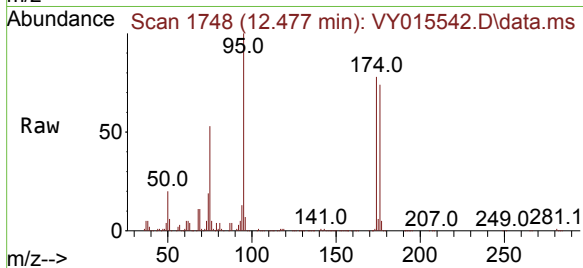




#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

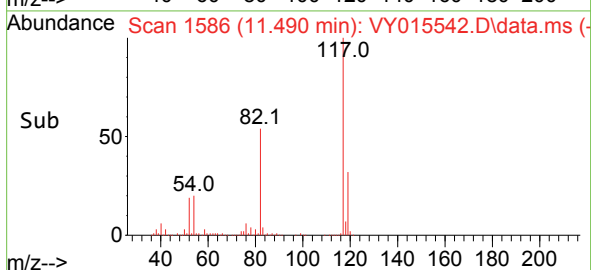
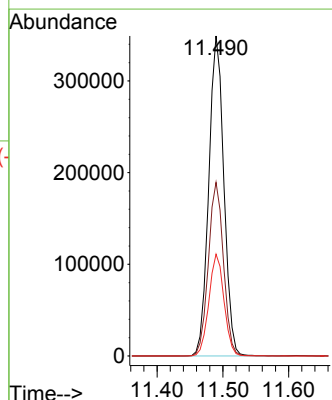
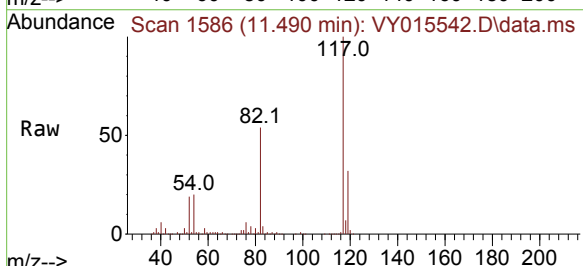
Instrument :
MSVOA_Y
ClientSampleId :

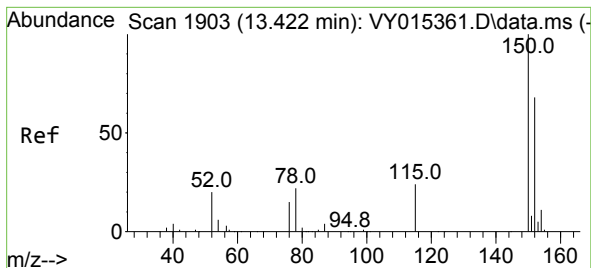
Tgt Ion: 95 Resp: 246274
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015542.D
Acq: 14 Sep 2023 18:38

Tgt Ion: 117 Resp: 557868
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.8 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: VY015542.D

Acq: 14 Sep 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

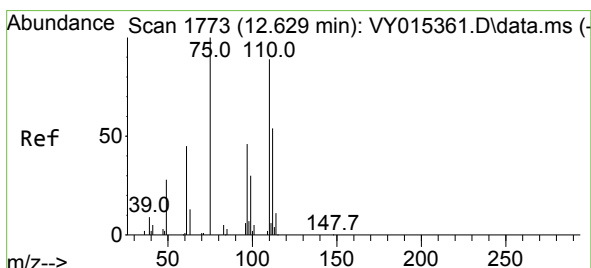
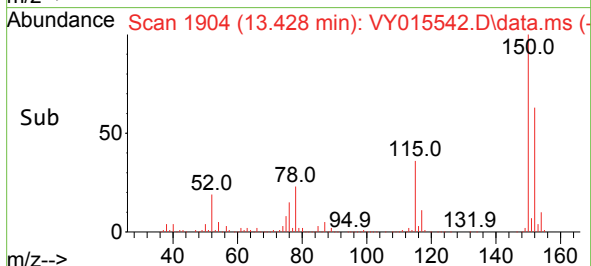
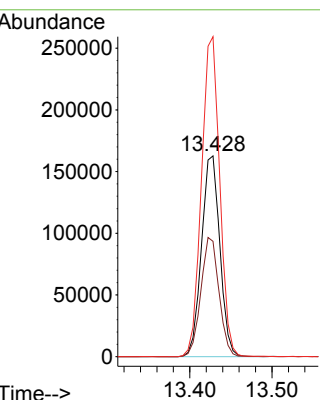
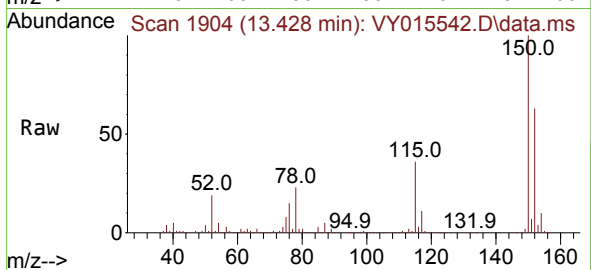
Tgt Ion:152 Resp: 252015

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.063 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015542.D

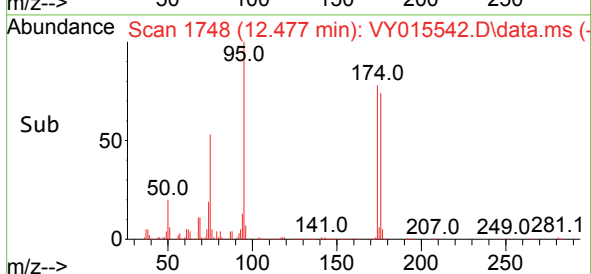
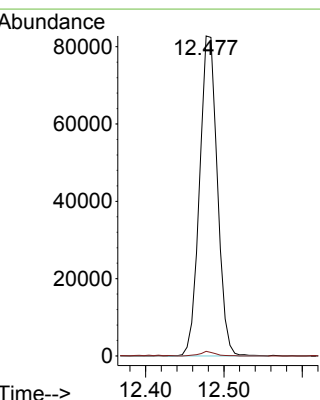
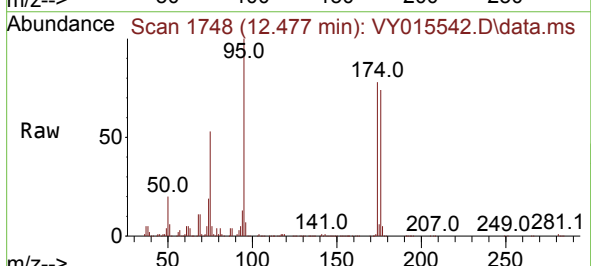
Acq: 14 Sep 2023 18:38

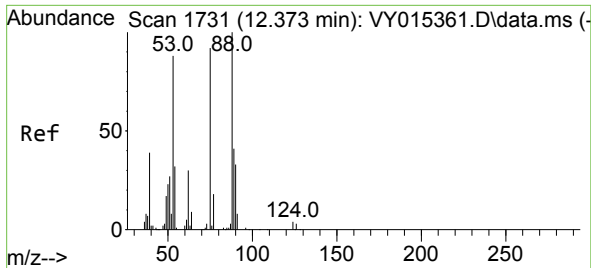
Tgt Ion: 75 Resp: 130549

Ion Ratio Lower Upper

75 100

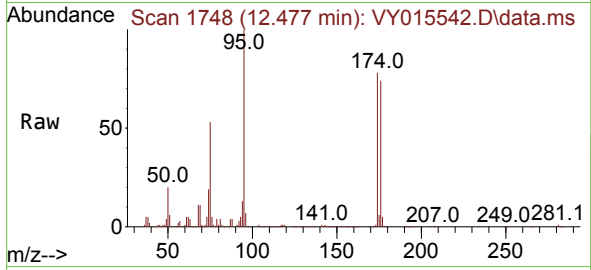
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.169 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015542.D
 Acq: 14 Sep 2023 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 130549
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

