

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015540.D
 Acq On : 14 Sep 2023 17:50
 Operator : SY/MD
 Sample : 04394-01
 Misc : 4.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:03:53 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)

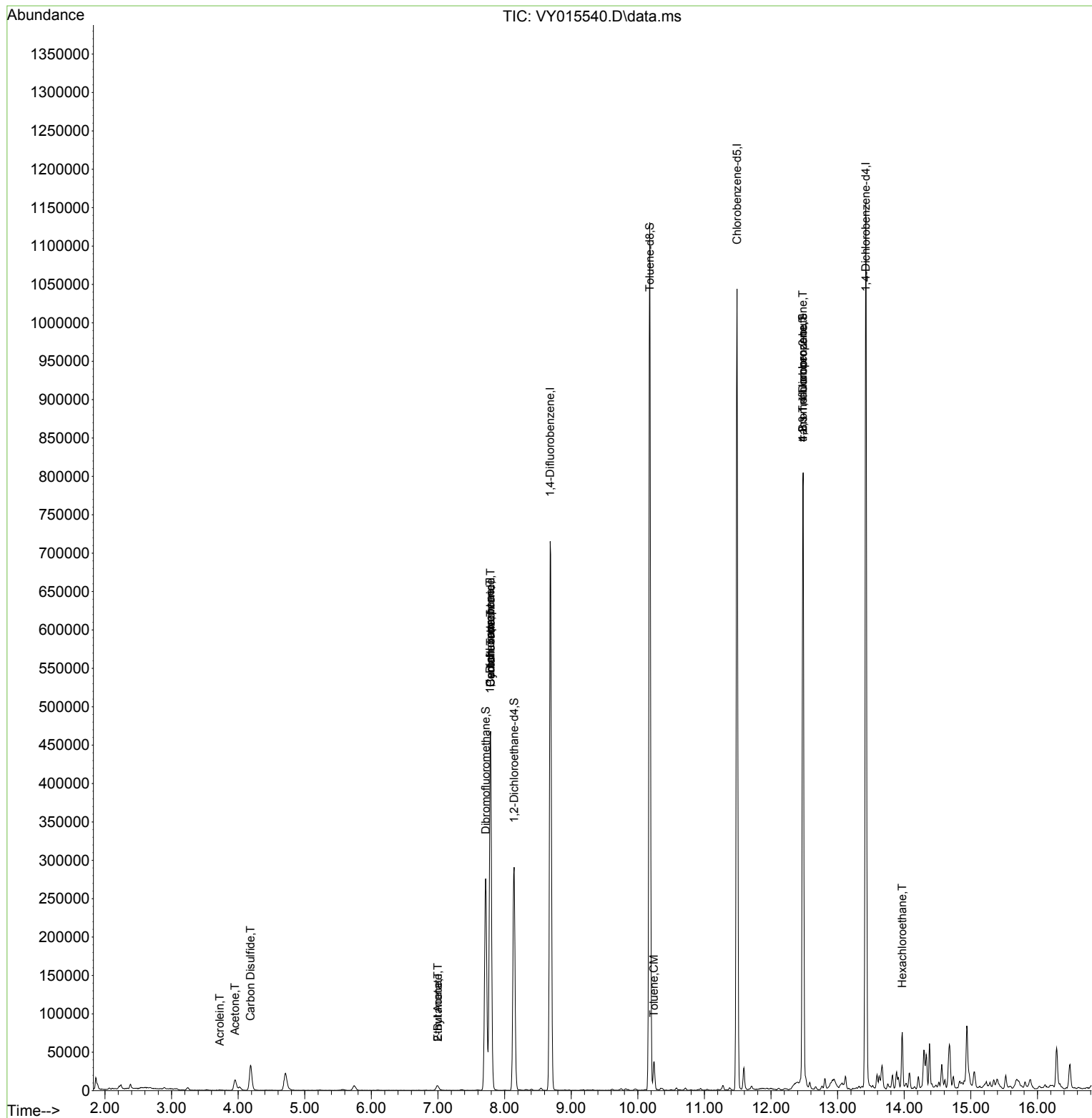
Internal Standards						
1) Pentafluorobenzene	7.789	168	369542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	615333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	547476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	251041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	231384	58.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.820%	
35) Dibromofluoromethane	7.716	113	192373	54.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.560%	
50) Toluene-d8	10.179	98	713399	55.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.160%	
62) 4-Bromofluorobenzene	12.477	95	245734	51.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	446	Below Cal	#	89
13) Acrolein	3.723	56	346	11.945	ug/l #	62
16) Acetone	3.954	43	26551	16.058	ug/l	98
17) Carbon Disulfide	4.186	76	66914	6.093	ug/l	98
20) Methylene Chloride	4.710	84	16670	Below Cal		92
25) 2-Butanone	6.996	43	8251	3.518	ug/l	99
31) Cyclohexane	7.789	56	7359	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	27436	4.409	ug/l #	51
37) Ethyl Acetate	6.996	43	8251	1.719	ug/l #	71
38) Carbon Tetrachloride	7.789	117	36579	5.691	ug/l #	16
52) Toluene	10.240	92	15427	1.386	ug/l	92
76) 1,2,3-Trichloropropane	12.477	75	130825	39.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	130825	86.687	ug/l #	11
90) Hexachloroethane	13.971	117	3331	1.078	ug/l #	8

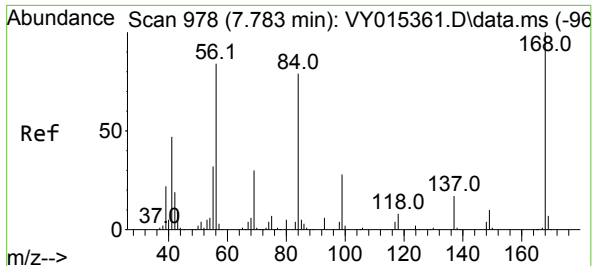
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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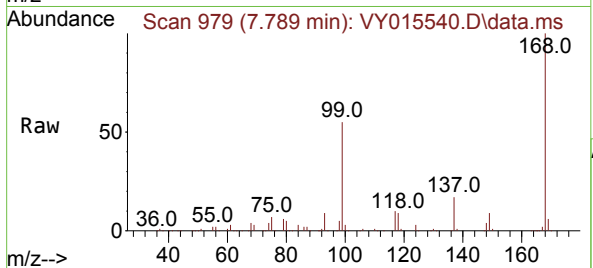
Quant Time: Sep 15 04:03:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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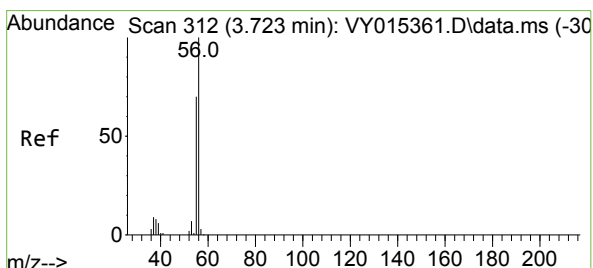
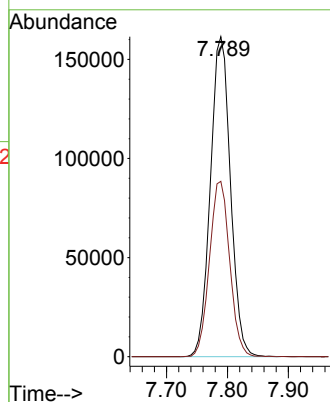
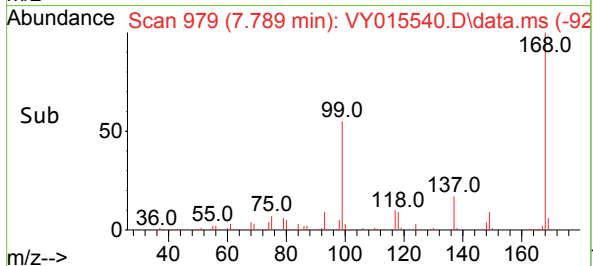


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Instrument :
MSVOA_Y
ClientSampleId :

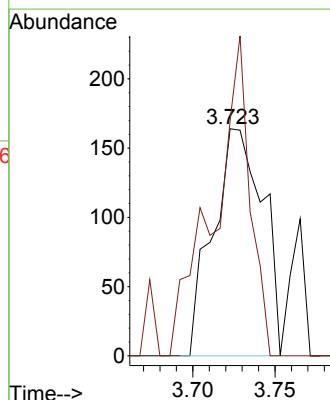
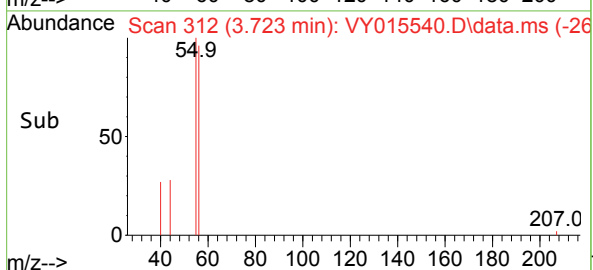
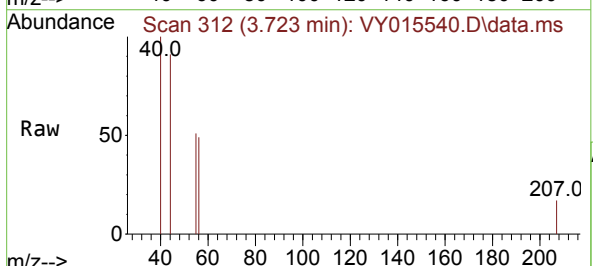


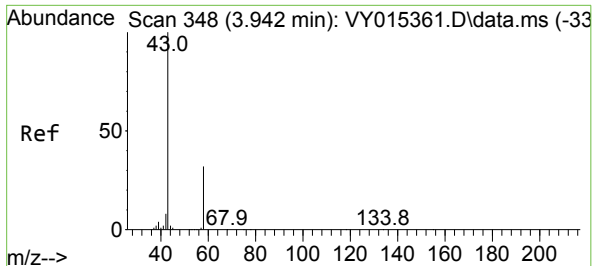
Tgt Ion:168 Resp: 369542
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#13
Acrolein
Concen: 11.945 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 56 Resp: 346
Ion Ratio Lower Upper
56 100
55 102.3 57.0 85.4#





#16

Acetone

Concen: 16.058 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

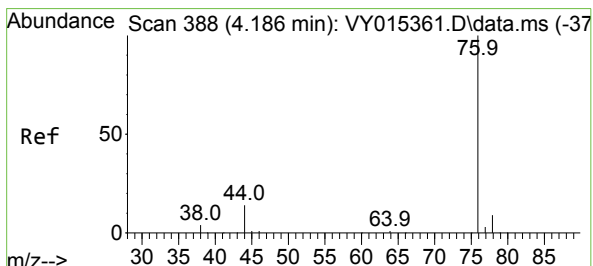
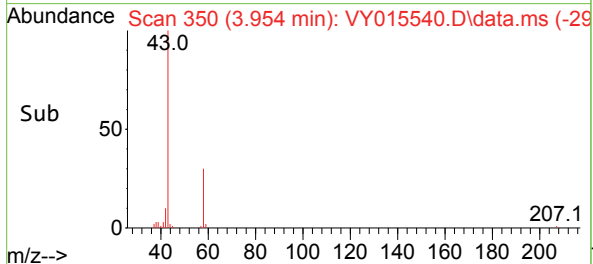
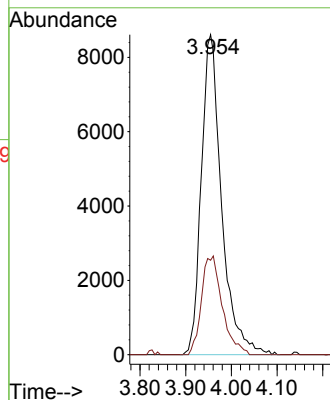
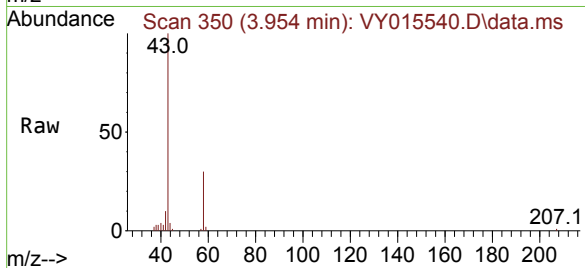
ClientSampleId :

Tgt Ion: 43 Resp: 26551

Ion Ratio Lower Upper

43 100

58 29.5 22.7 34.1



#17

Carbon Disulfide

Concen: 6.093 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015540.D

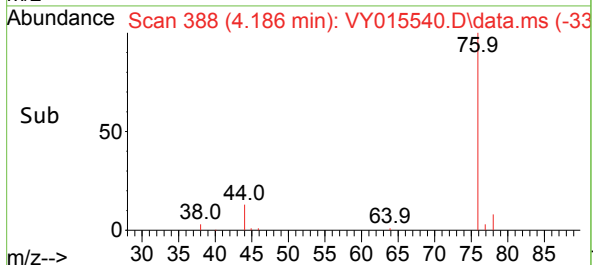
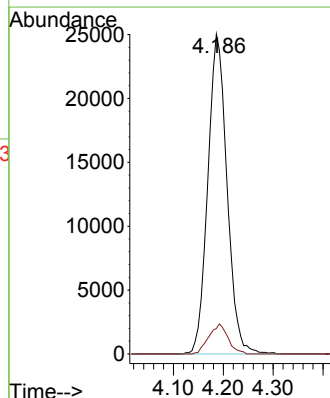
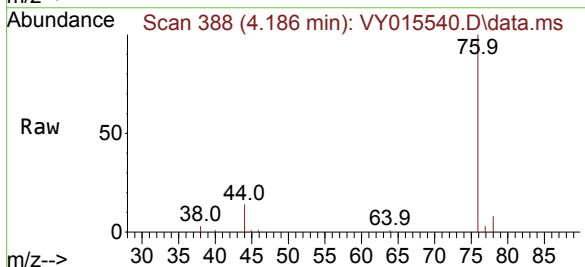
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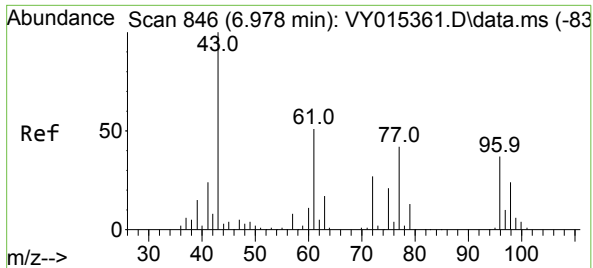
Tgt Ion: 76 Resp: 66914

Ion Ratio Lower Upper

76 100

78 8.0 7.0 10.4

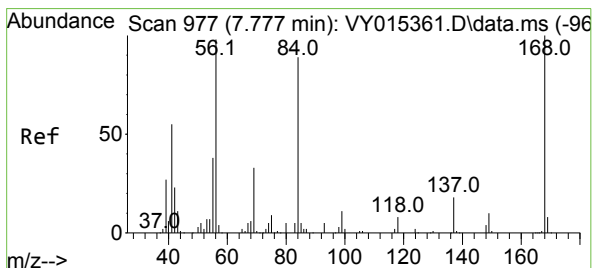
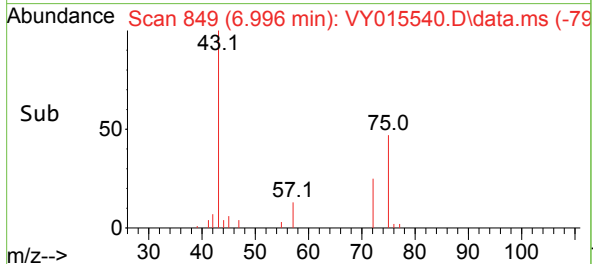
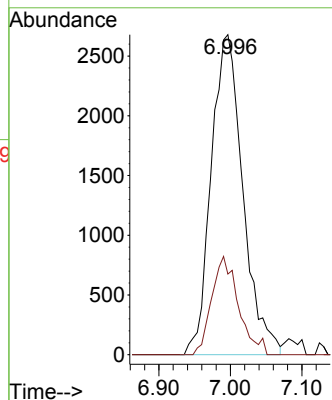
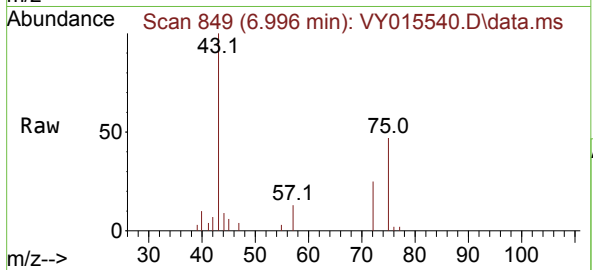




#25
2-Butanone
Concen: 3.518 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

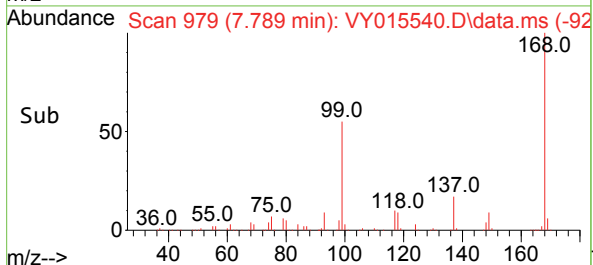
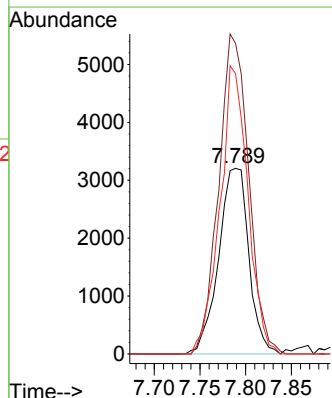
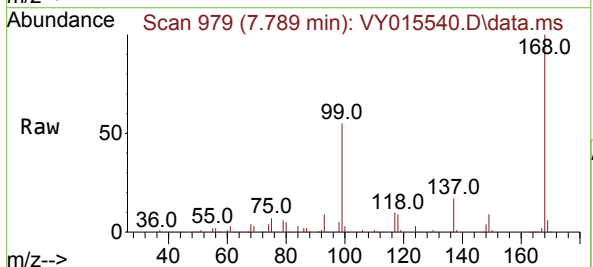
Instrument :
MSVOA_Y
ClientSampleId :

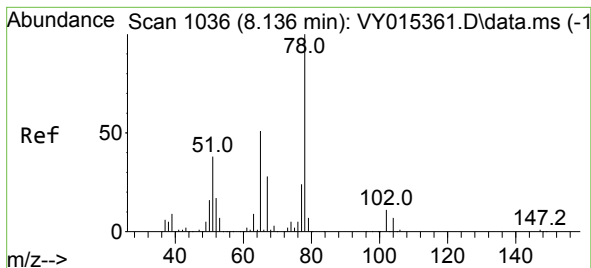
Tgt Ion: 43 Resp: 8251
Ion Ratio Lower Upper
43 100
72 25.2 20.5 30.7



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 56 Resp: 7359
Ion Ratio Lower Upper
56 100
69 167.3 27.8 41.6#
84 151.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 58.409 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

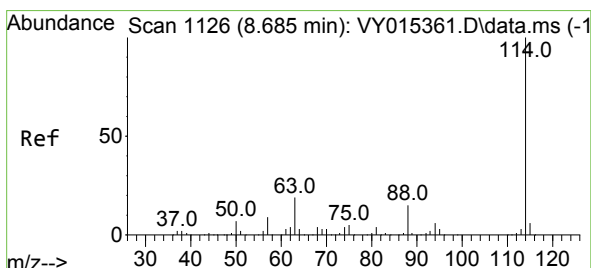
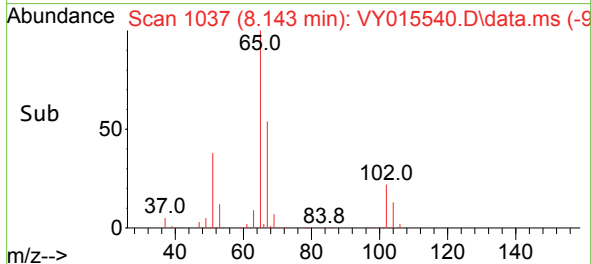
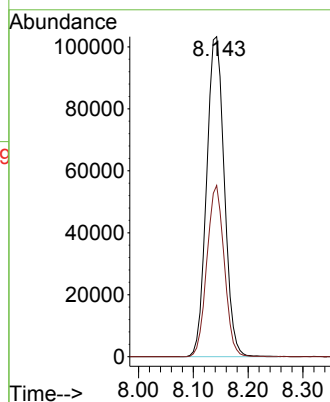
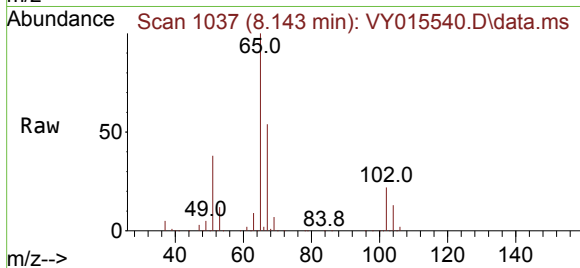
ClientSampleId :

Tgt Ion: 65 Resp: 231384

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015540.D

Acq: 14 Sep 2023 17:50

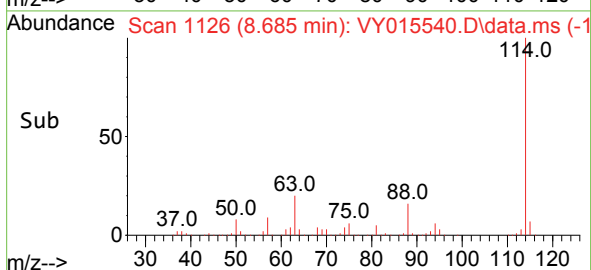
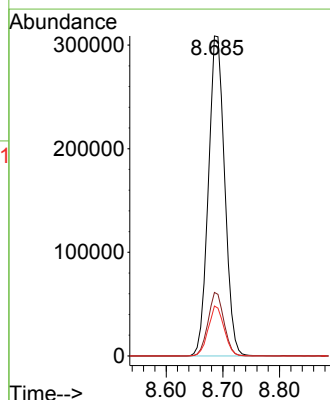
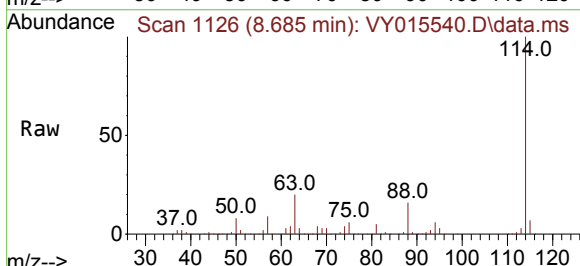
Tgt Ion: 114 Resp: 615333

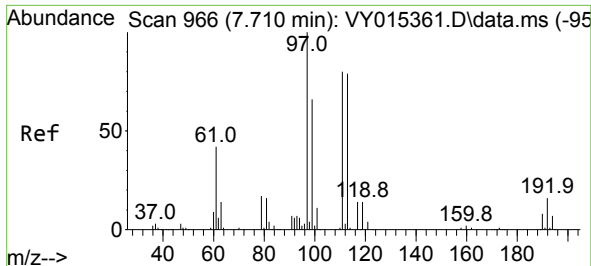
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.6 0.0 30.6

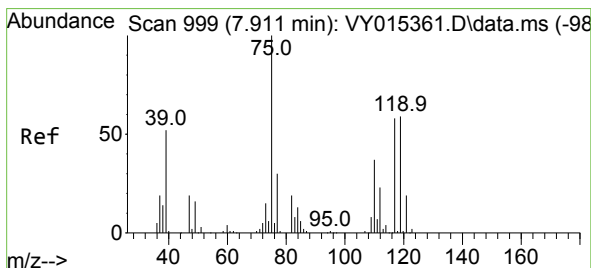
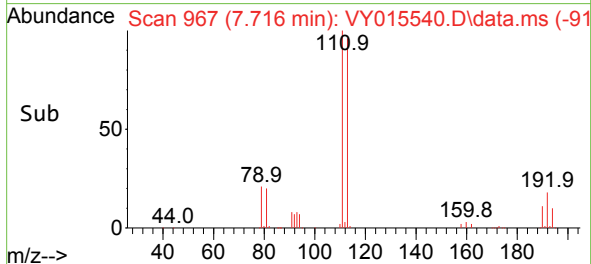
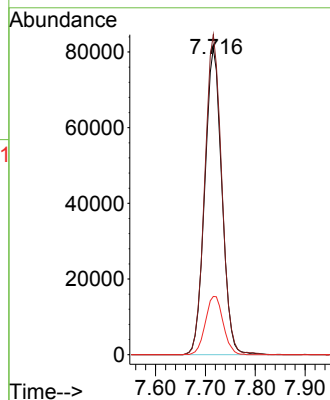
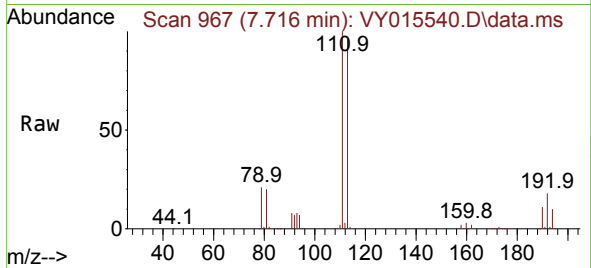




#35
Dibromofluoromethane
Concen: 54.278 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

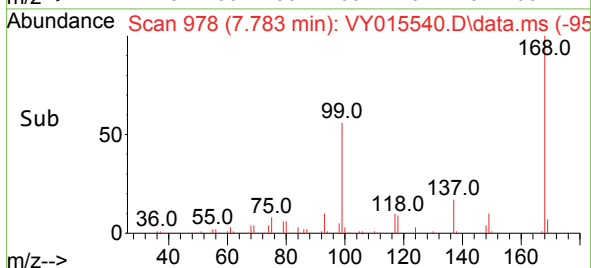
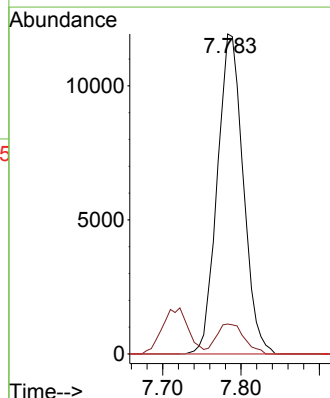
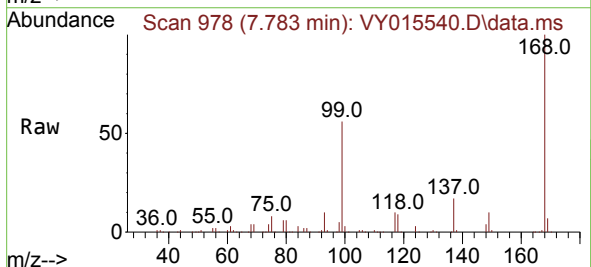
Instrument :
MSVOA_Y
ClientSampleId :

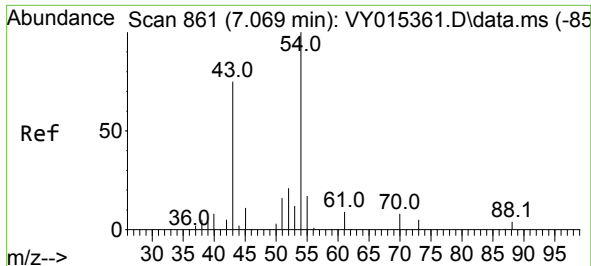
Tgt Ion:113 Resp: 192373
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 75 Resp: 27436
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.719 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.067 min

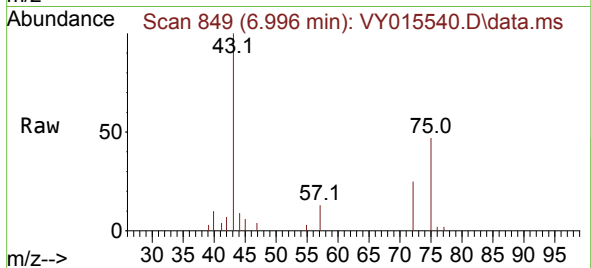
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Acq: 14 Sep 2023 17:50

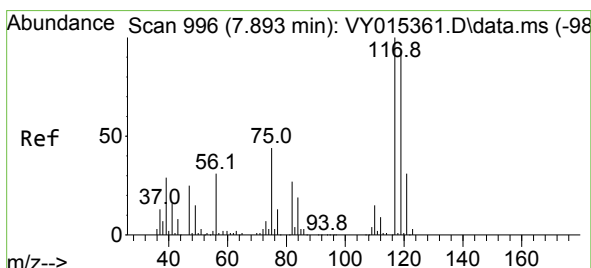
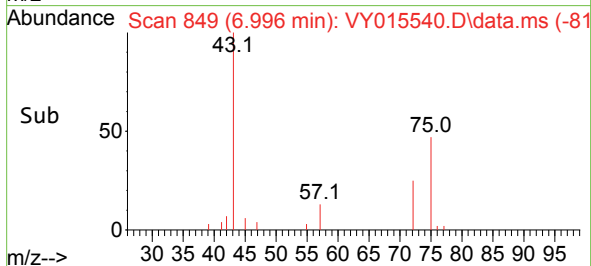
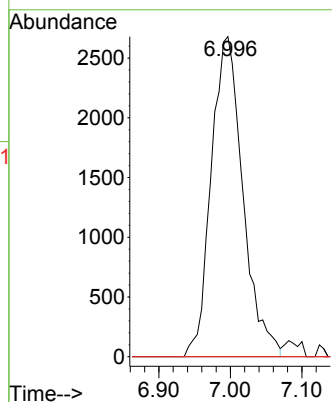
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	8251
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.691 ug/l

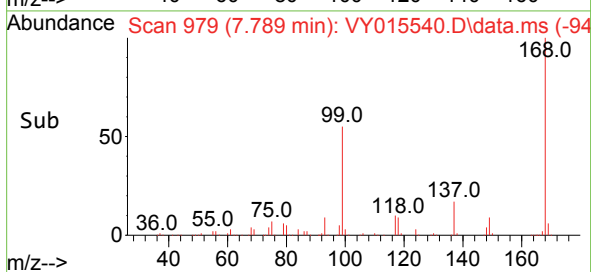
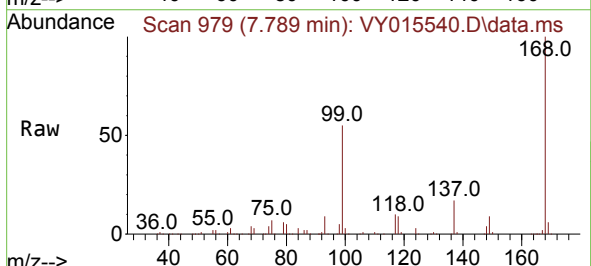
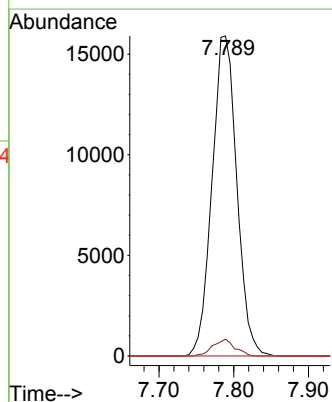
RT: 7.789 min Scan# 979

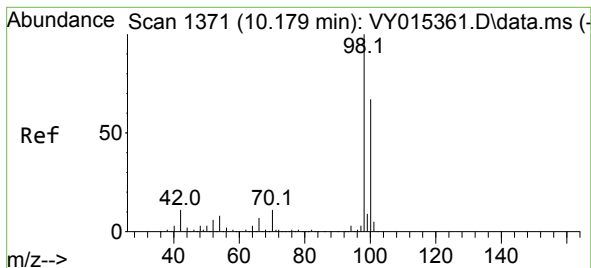
Delta R.T. -0.104 min

Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Tgt Ion:	117	Resp:	36579
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.4	114.6#
121	0.0	25.8	38.6#

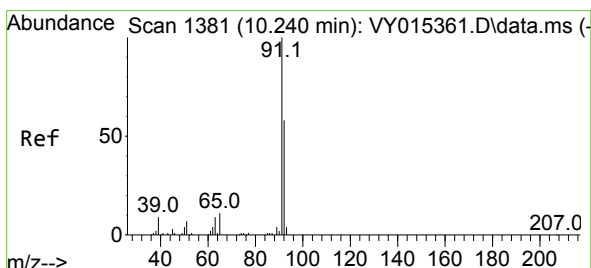
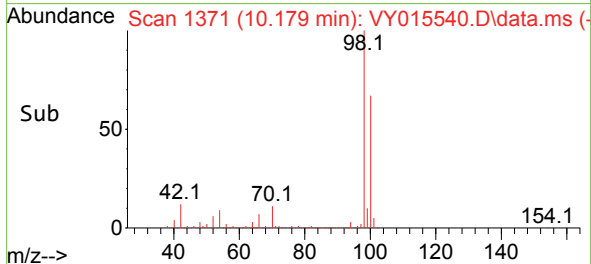
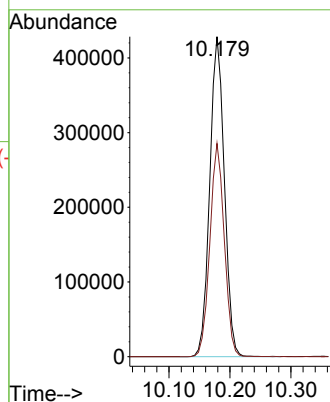
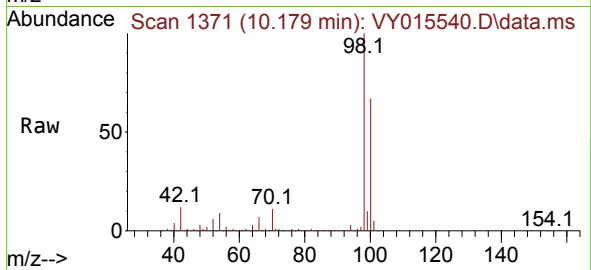




#50
Toluene-d8
Concen: 55.583 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

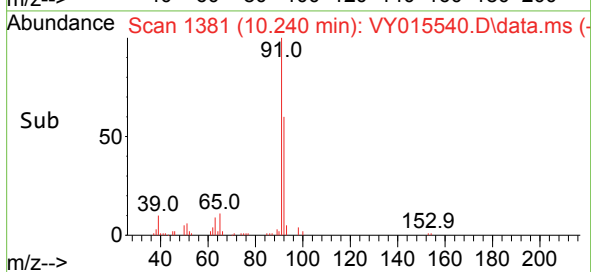
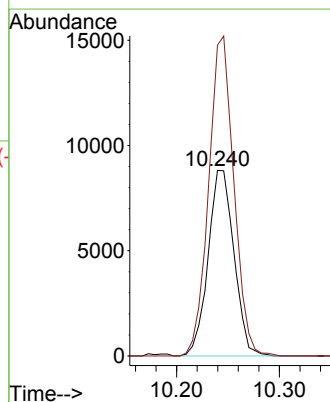
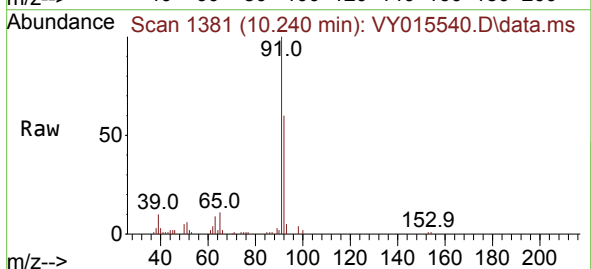
Instrument :
MSVOA_Y
ClientSampleId :

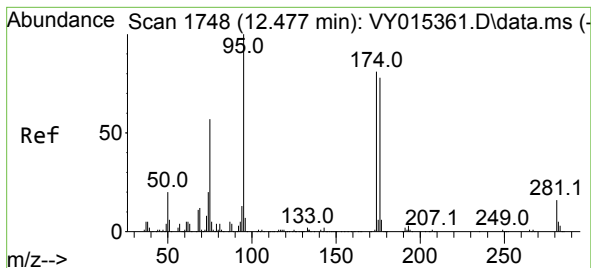
Tgt Ion: 98 Resp: 713399
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#52
Toluene
Concen: 1.386 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 92 Resp: 15427
Ion Ratio Lower Upper
92 100
91 167.7 143.8 215.6

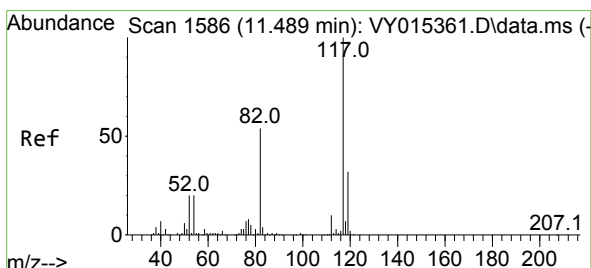
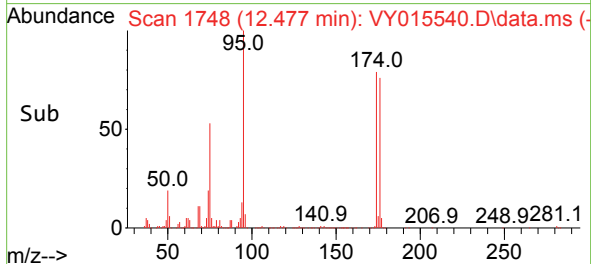
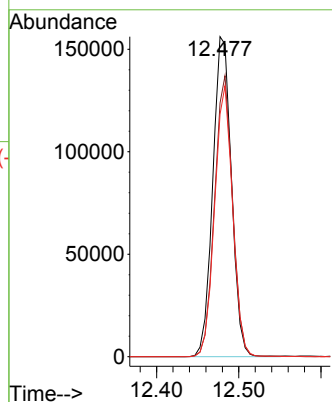
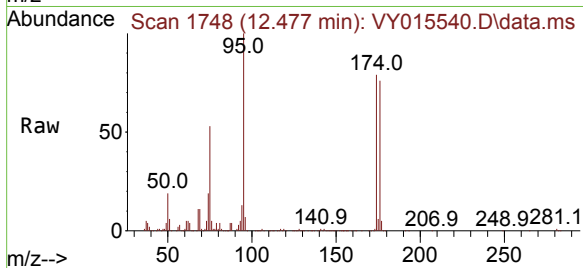




#62
4-Bromofluorobenzene
Concen: 51.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

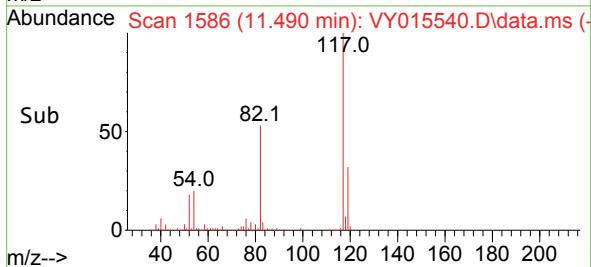
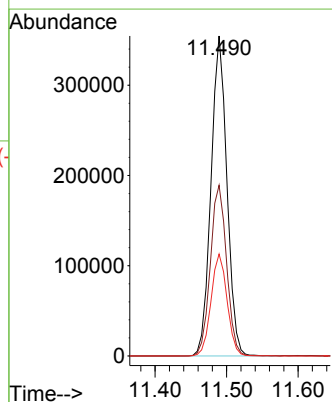
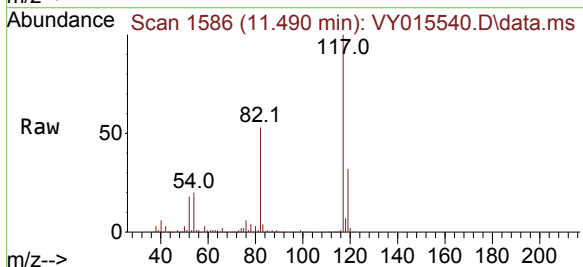
Instrument :
MSVOA_Y
ClientSampleId :

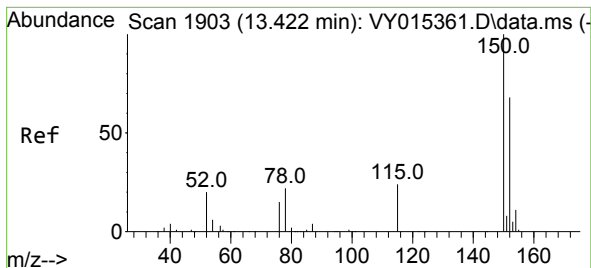
Tgt Ion: 95 Resp: 245734
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 117 Resp: 547476
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.9 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

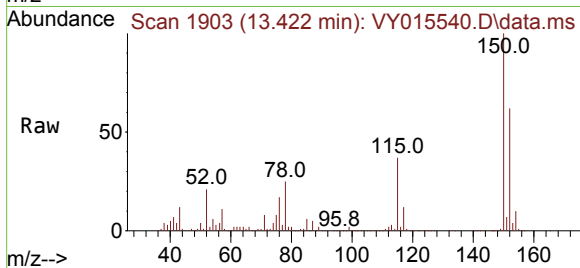
Lab File: VY015540.D

Acq: 14 Sep 2023 17:50

Instrument :

MSVOA_Y

ClientSampleId :



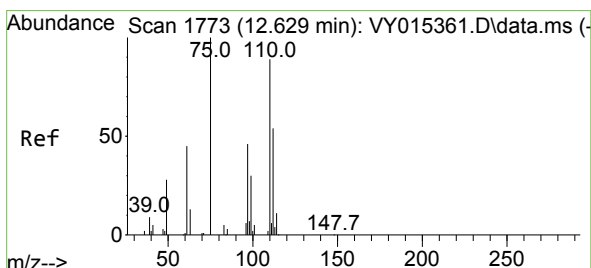
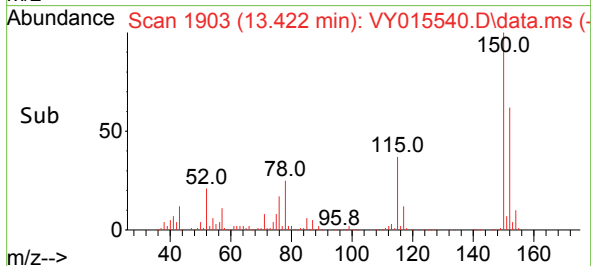
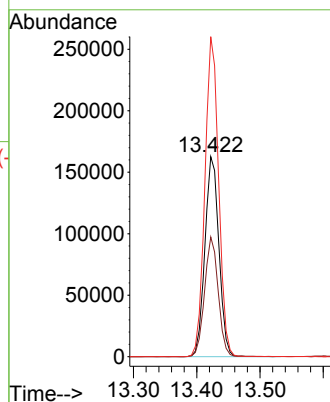
Tgt Ion:152 Resp: 251041

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 39.298 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015540.D

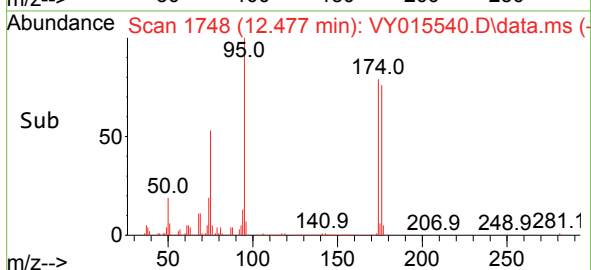
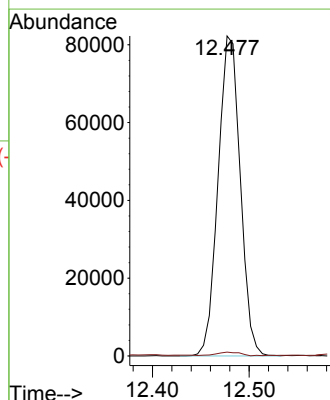
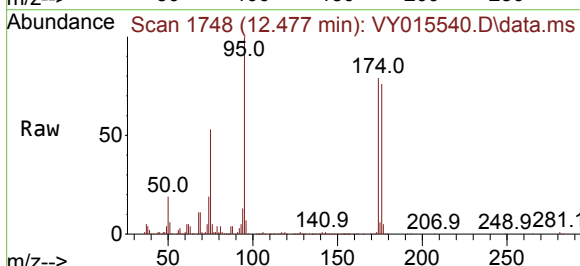
Acq: 14 Sep 2023 17:50

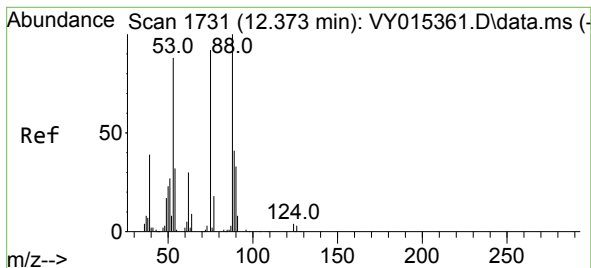
Tgt Ion: 75 Resp: 130825

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

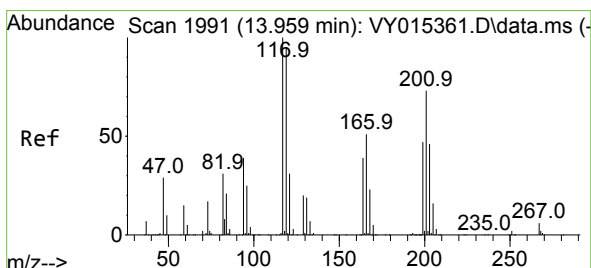
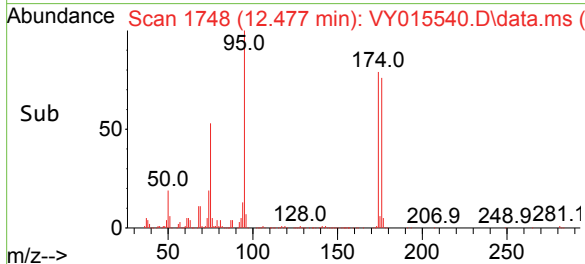
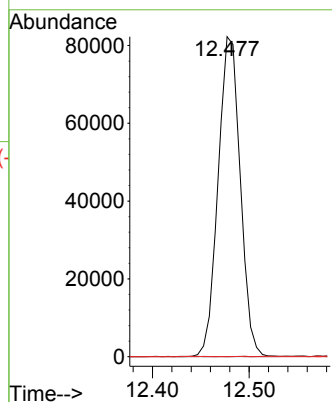
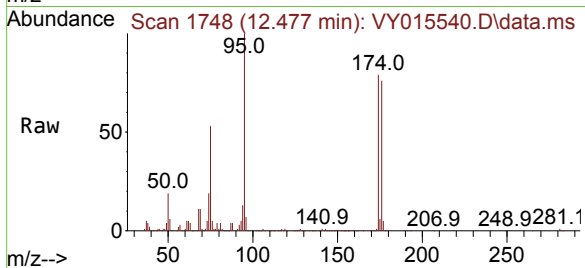




#81
trans-1,4-Dichloro-2-butene
Concen: 86.687 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 130825
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#



#90
Hexachloroethane
Concen: 1.078 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY015540.D
Acq: 14 Sep 2023 17:50

Tgt Ion: 117 Resp: 3331
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

