

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015372.D
 Acq On : 30 Aug 2023 13:05
 Operator : SY/MD
 Sample : 04203-02
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 31 00:59:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

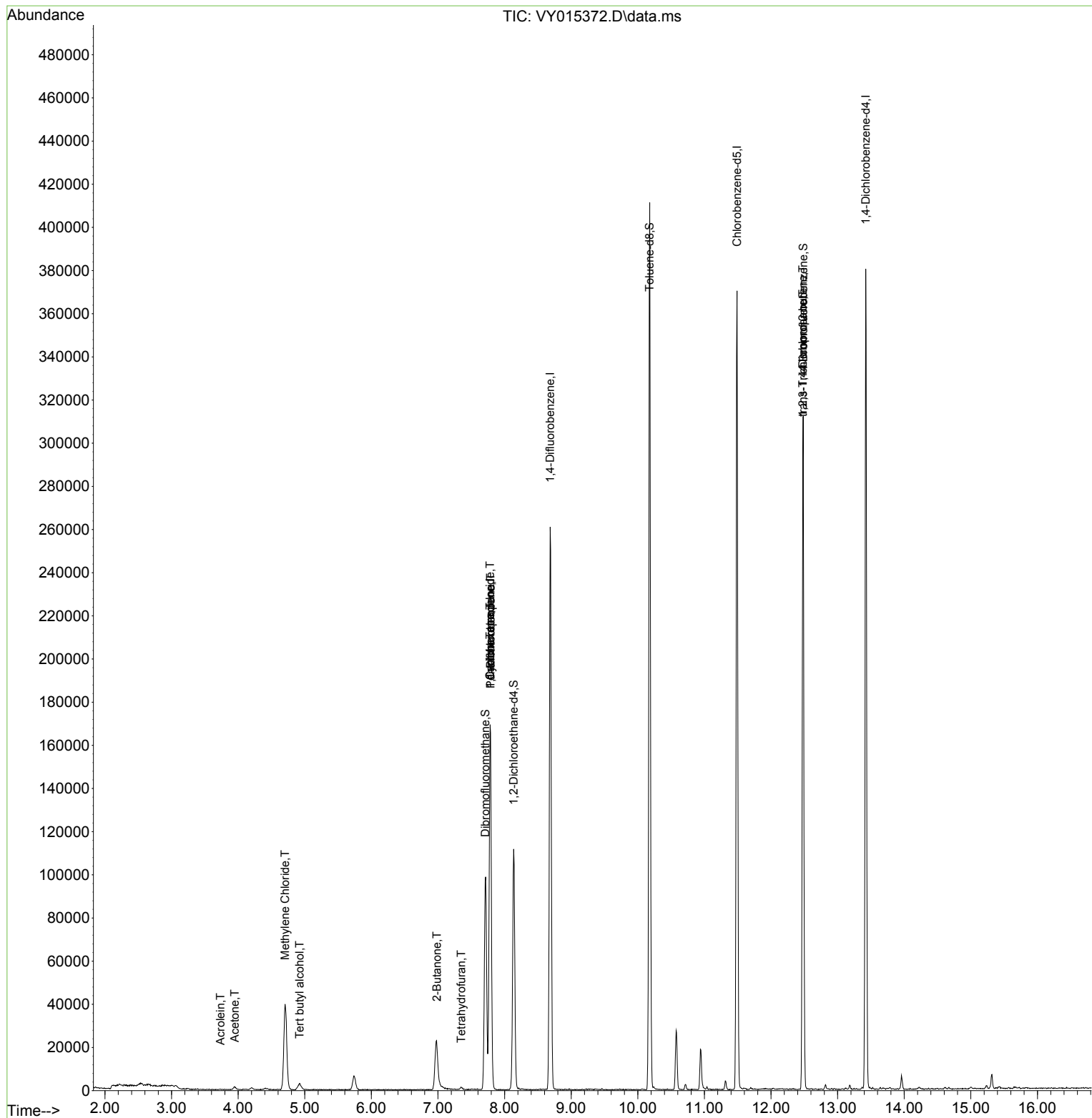
Internal Standards						
1) Pentafluorobenzene	7.789	168	133019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86484	60.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.300%	
35) Dibromofluoromethane	7.710	113	70058	54.675	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.179	98	261264	56.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.483	95	87662	50.888	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	3281	9.923	ug/l #	89
13) Acrolein	3.735	56	67	11.807	ug/l	95
16) Acetone	3.948	43	2280	3.831	ug/l #	89
20) Methylene Chloride	4.704	84	30396	10.808	ug/l	92
25) 2-Butanone	6.984	43	1540	1.824	ug/l #	80
29) Tetrahydrofuran	7.350	42	790	1.490	ug/l #	75
31) Cyclohexane	7.783	56	2839	1.121	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	10937	4.861	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13589	5.848	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	47996	37.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	47996	83.199	ug/l #	11

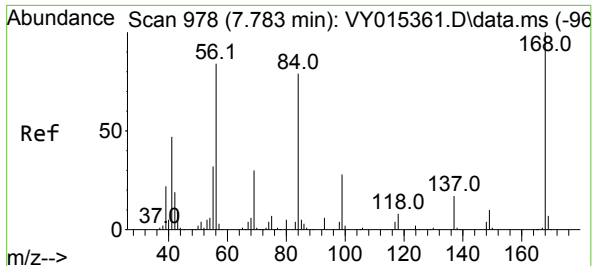
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 00:59:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 22:47:33 2023
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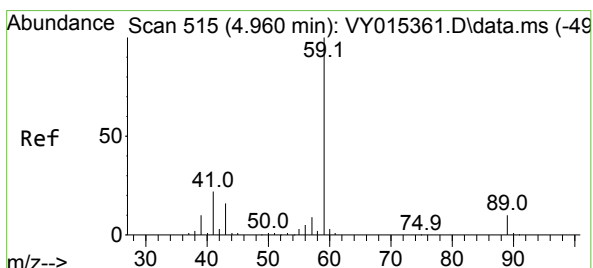
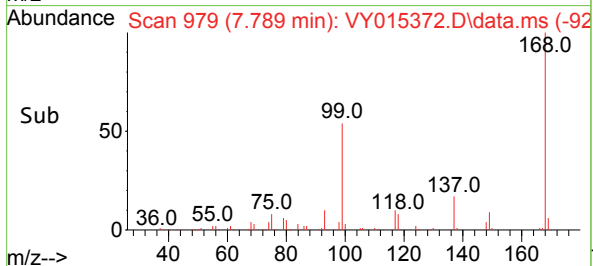
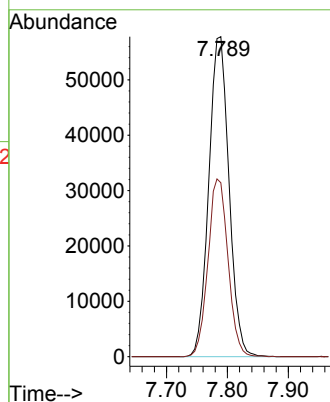
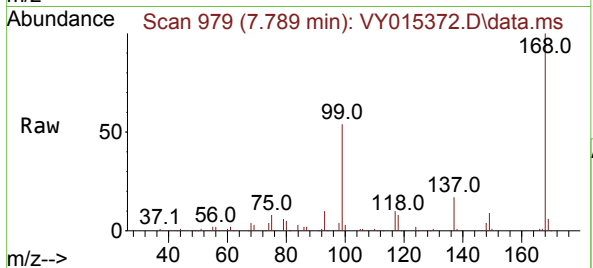




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

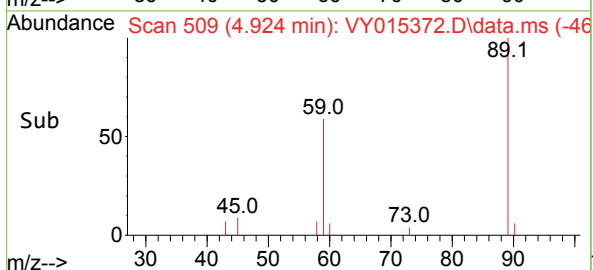
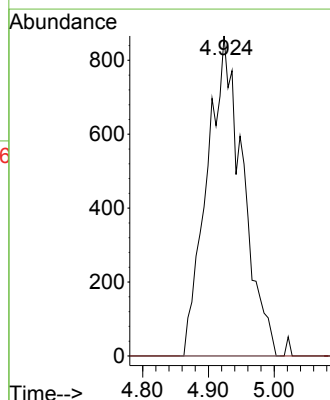
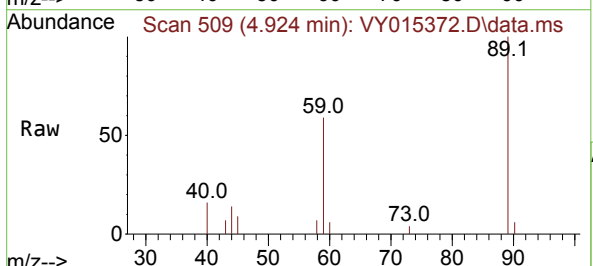
Instrument :
MSVOA_Y
ClientSampleId :

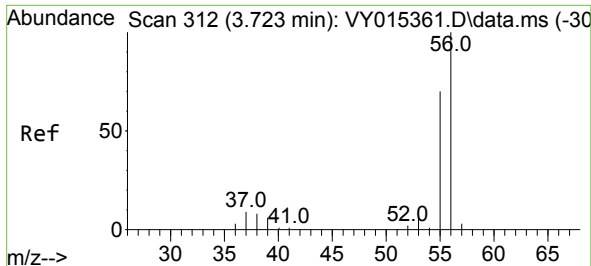
Tgt Ion:168 Resp: 133019
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 9.923 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion: 59 Resp: 3281
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#13

Acrolein

Concen: 11.807 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015372.D

Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

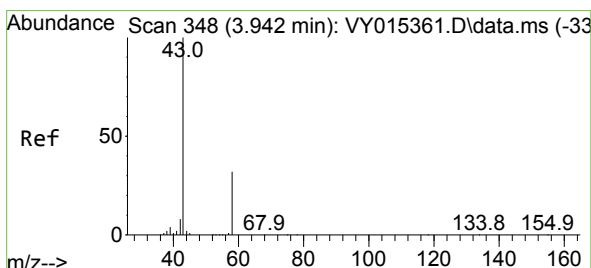
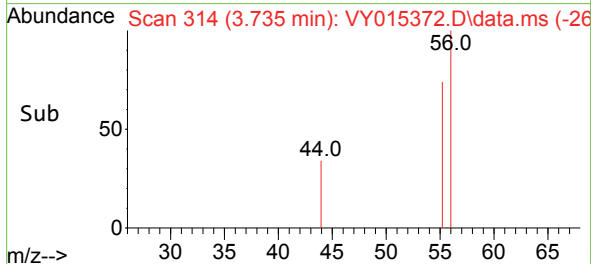
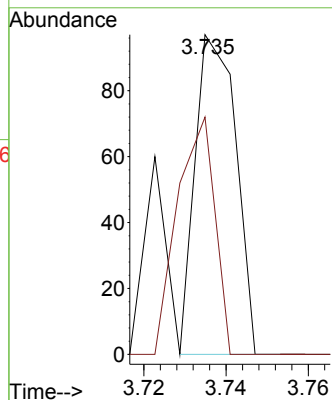
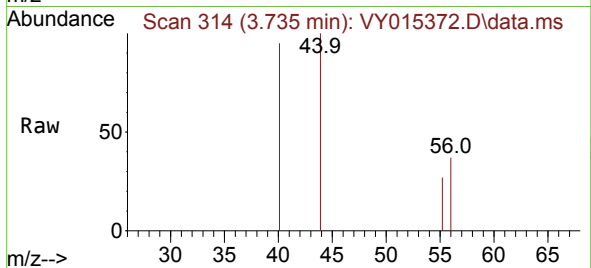
ClientSampleId :

Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 67.2 57.0 85.4



#16

Acetone

Concen: 3.831 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY015372.D

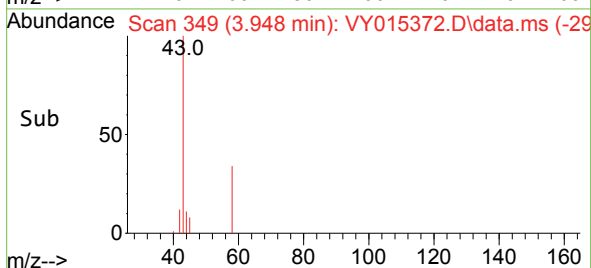
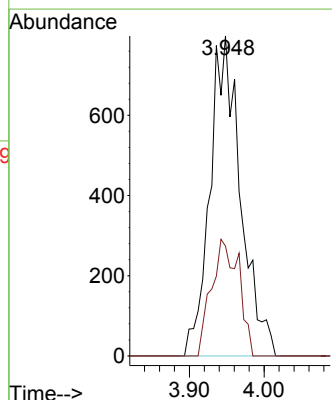
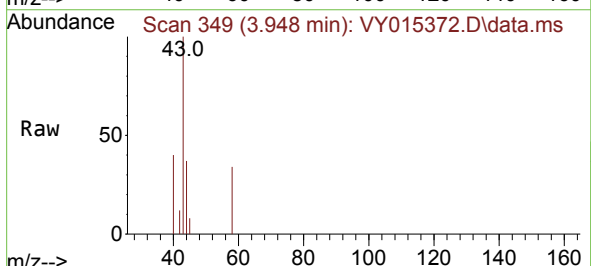
Acq: 30 Aug 2023 13:05

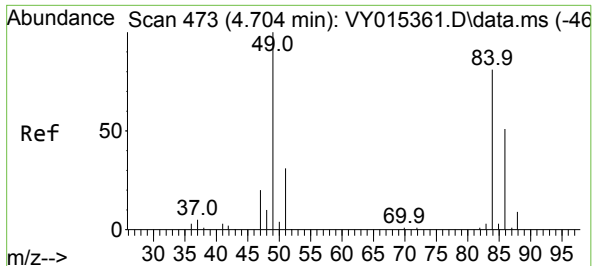
Tgt Ion: 43 Resp: 2280

Ion Ratio Lower Upper

43 100

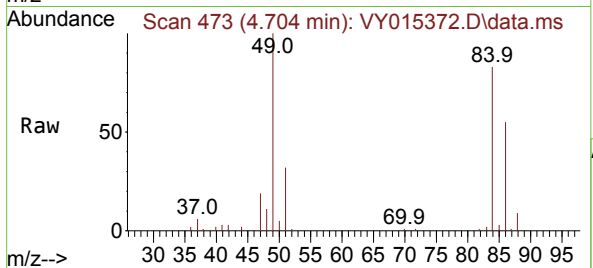
58 34.3 22.7 34.1#



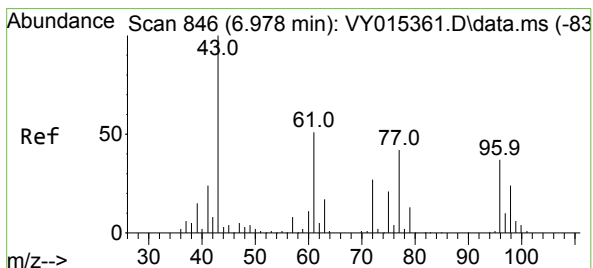
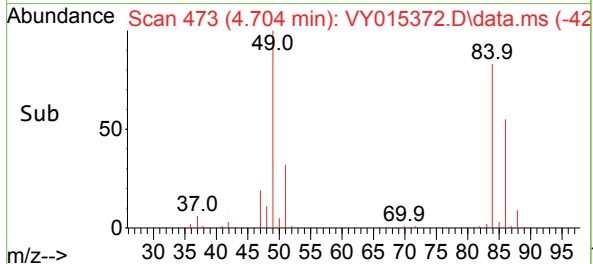
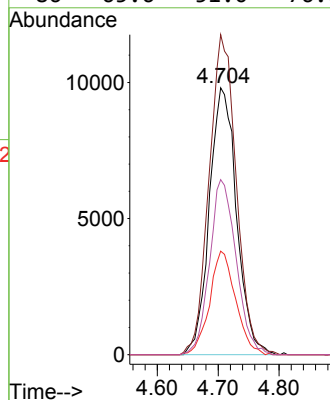


#20
Methylene Chloride
Concen: 10.808 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :

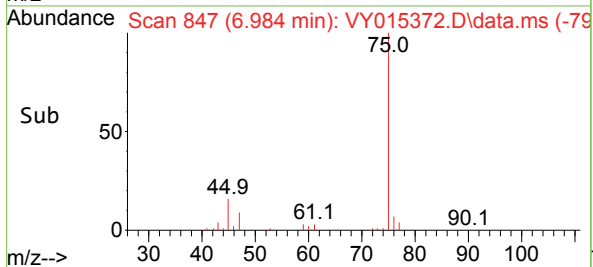
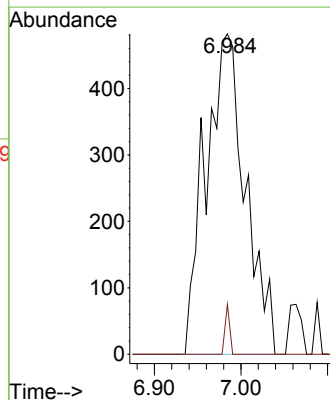
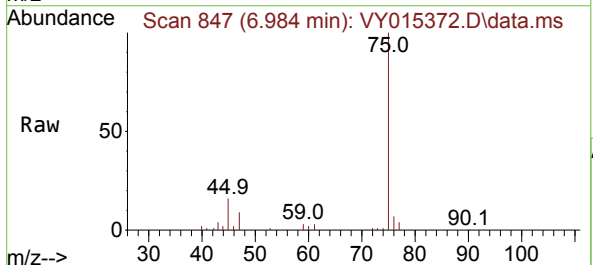


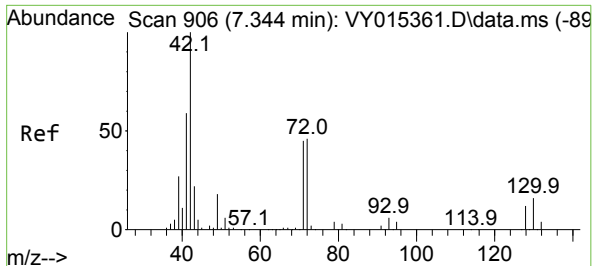
Tgt Ion:	84	Resp:	30396
Ion	Ratio	Lower	Upper
84	100		
49	119.9	106.9	160.3
51	38.8	33.2	49.8
86	65.6	51.0	76.6



#25
2-Butanone
Concen: 1.824 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion:	43	Resp:	1540
Ion	Ratio	Lower	Upper
43	100		
72	15.6	20.5	30.7#





#29

Tetrahydrofuran

Concen: 1.490 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

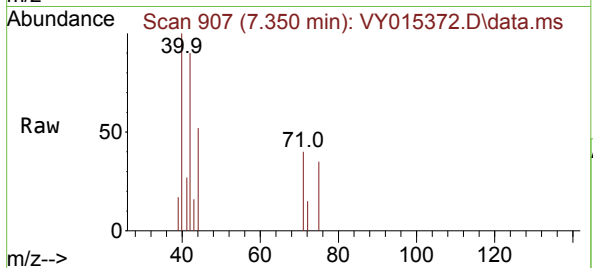
Lab File: VY015372.D

Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :



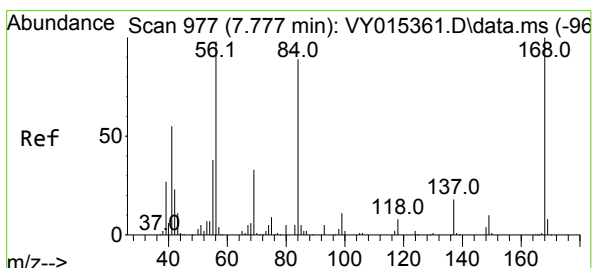
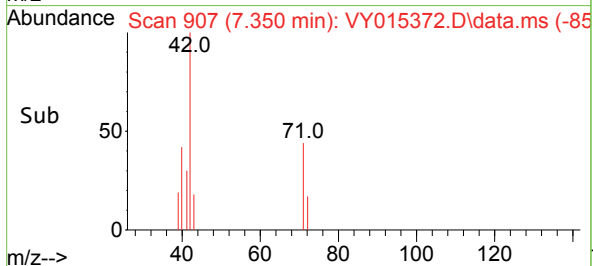
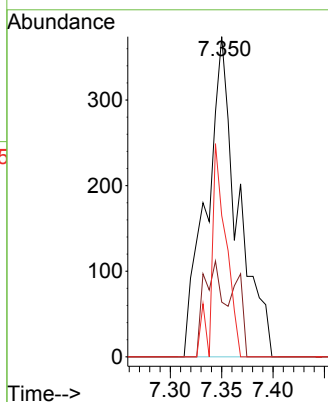
Tgt Ion: 42 Resp: 790

Ion Ratio Lower Upper

42 100

72 19.0 32.8 49.2#

71 30.3 31.0 46.4#



#31

Cyclohexane

Concen: 1.121 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015372.D

Acq: 30 Aug 2023 13:05

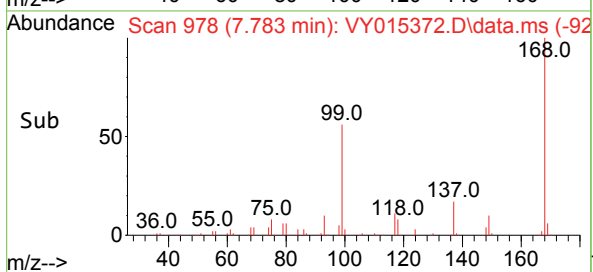
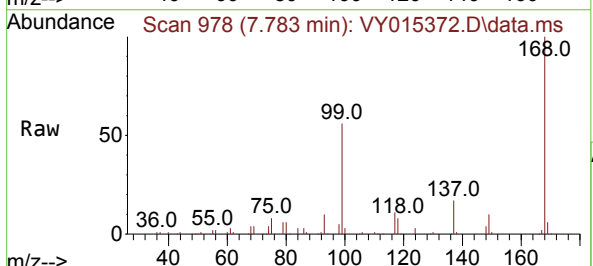
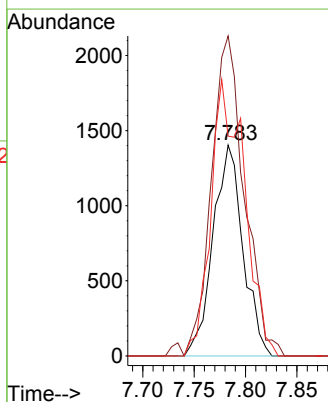
Tgt Ion: 56 Resp: 2839

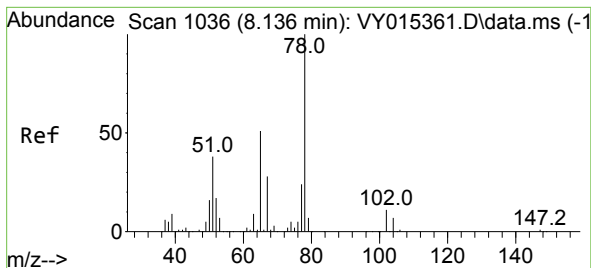
Ion Ratio Lower Upper

56 100

69 146.2 27.8 41.6#

84 104.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.650 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015372.D

Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

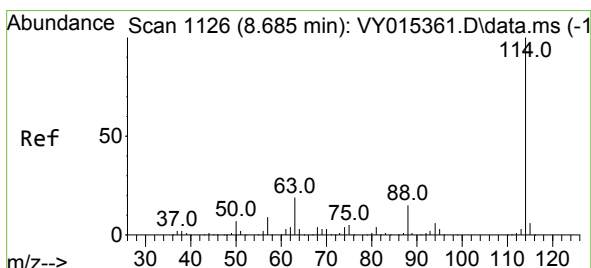
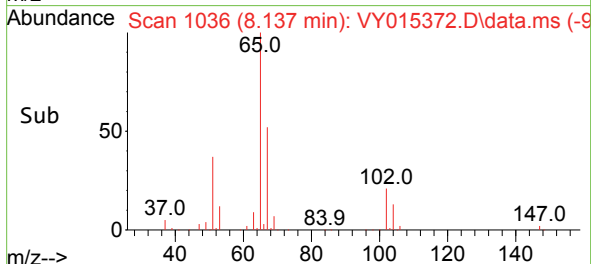
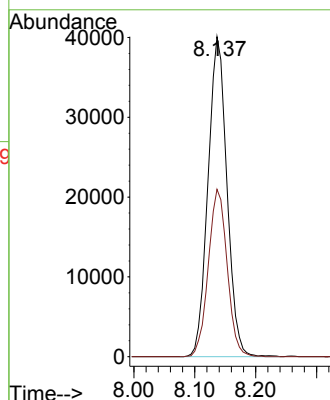
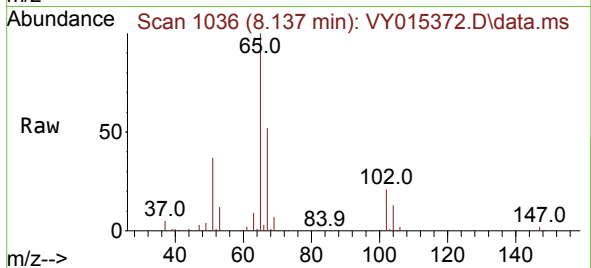
ClientSampleId :

Tgt Ion: 65 Resp: 86484

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015372.D

Acq: 30 Aug 2023 13:05

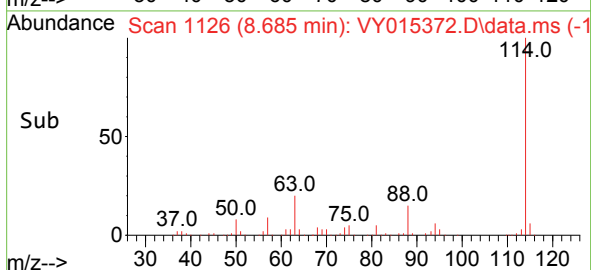
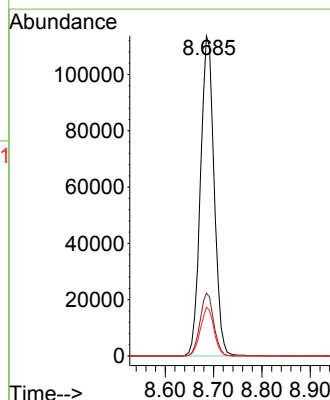
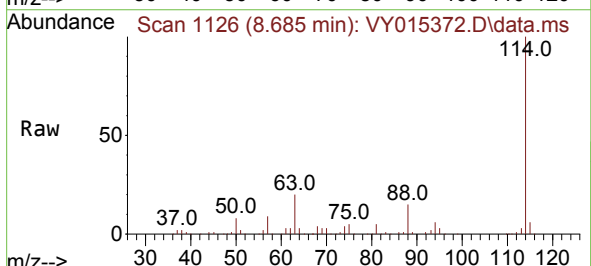
Tgt Ion: 114 Resp: 222467

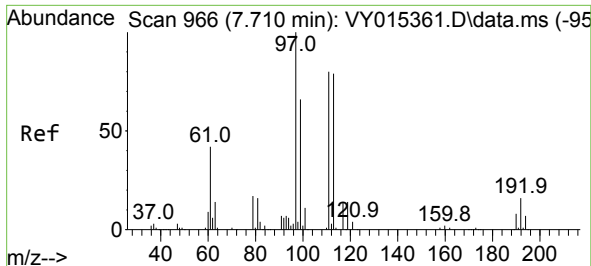
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

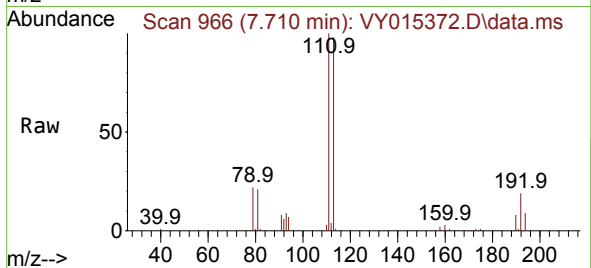
88 15.2 0.0 30.6



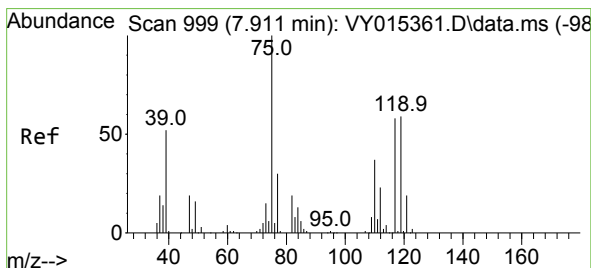
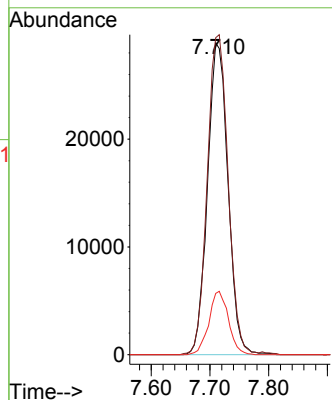
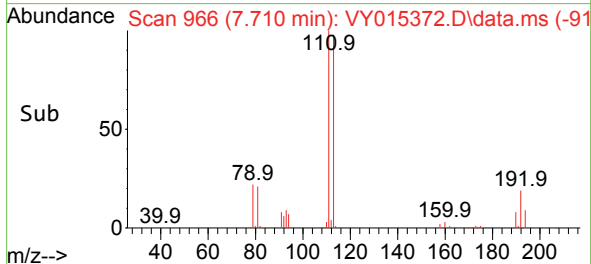


#35
Dibromofluoromethane
Concen: 54.675 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

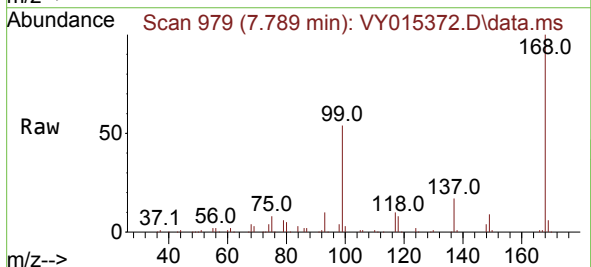
Instrument :
MSVOA_Y
ClientSampleId :



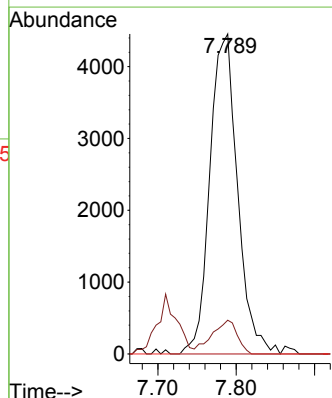
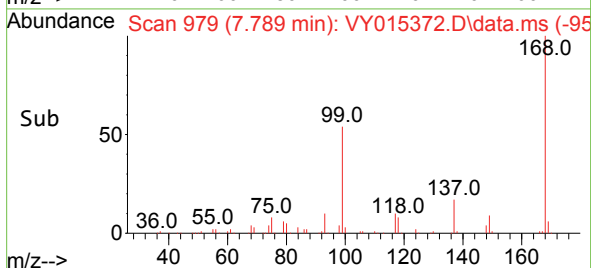
Tgt Ion:113 Resp: 70058
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 19.4 16.9 25.3

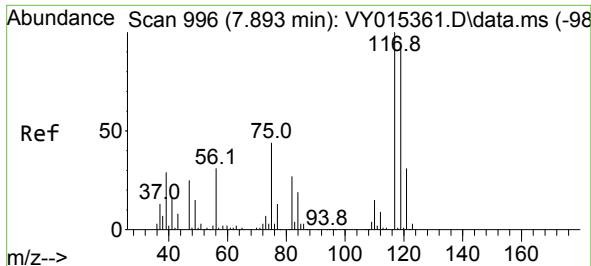


#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05



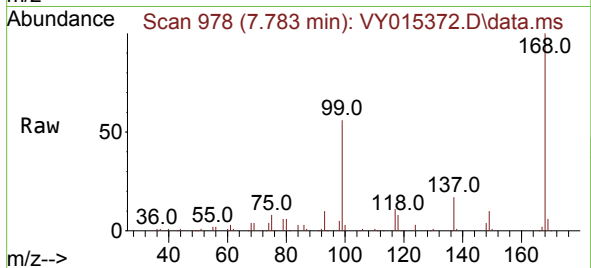
Tgt Ion: 75 Resp: 10937
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



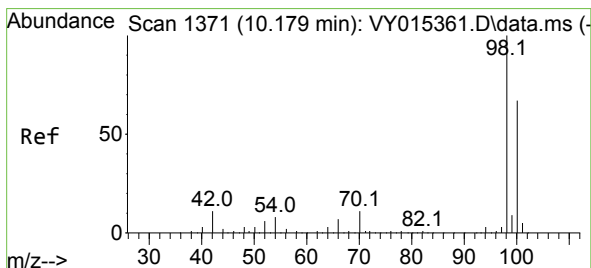
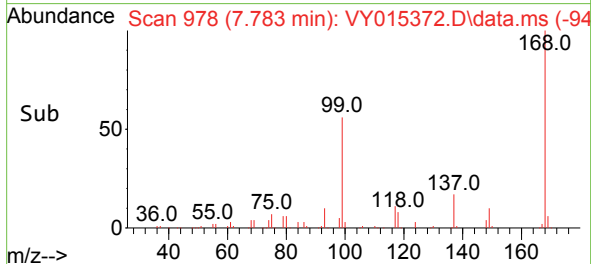
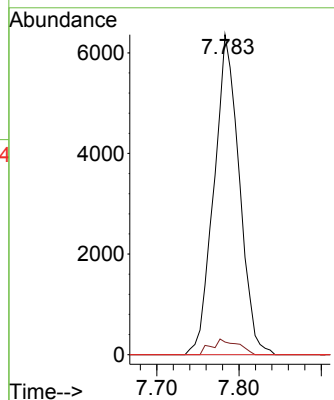


#38
Carbon Tetrachloride
Concen: 5.848 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Instrument :
MSVOA_Y
ClientSampleId :

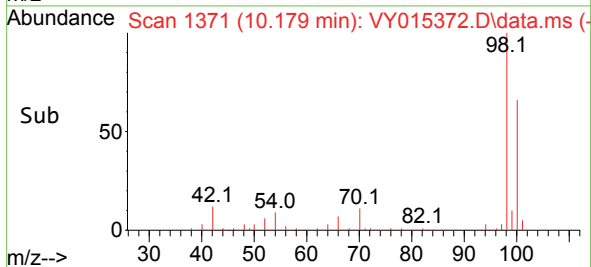
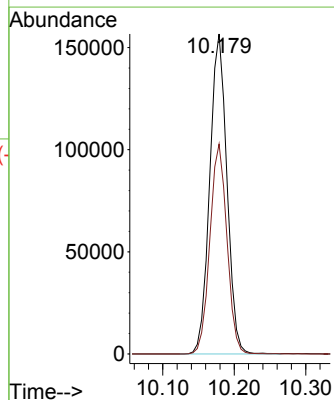
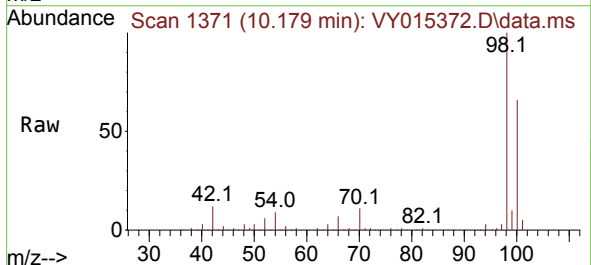


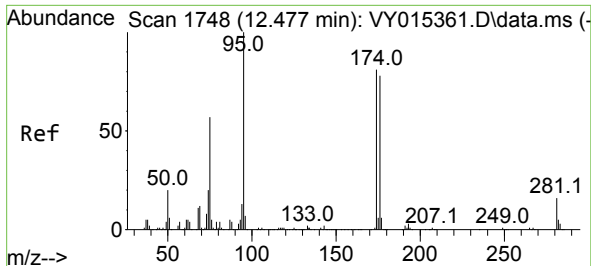
Tgt Ion:117 Resp: 13589
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.303 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion: 98 Resp: 261264
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

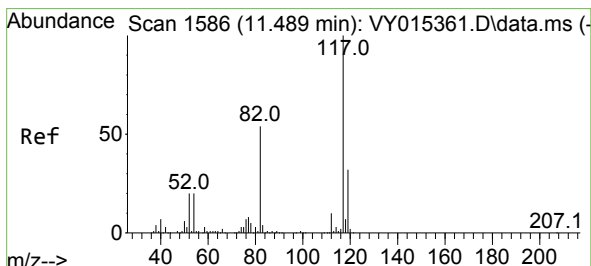
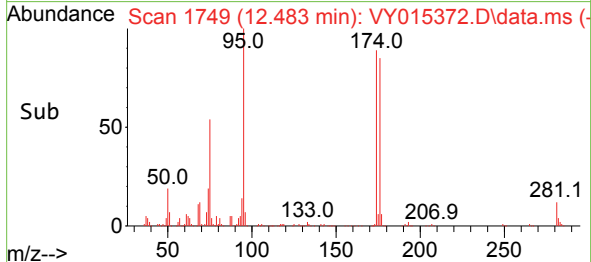
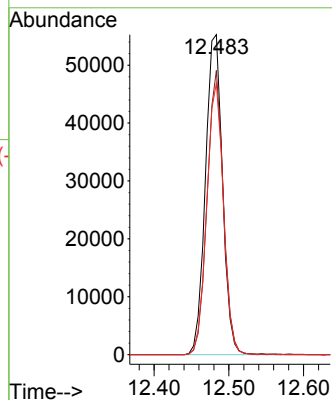
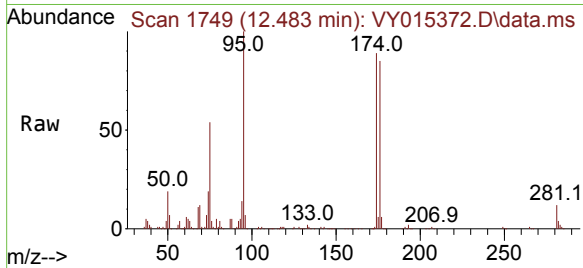




#62
4-Bromofluorobenzene
Concen: 50.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

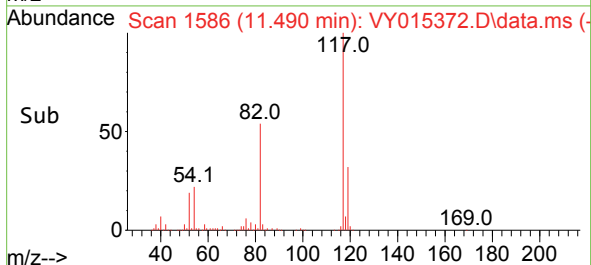
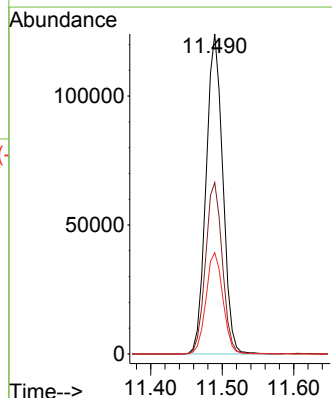
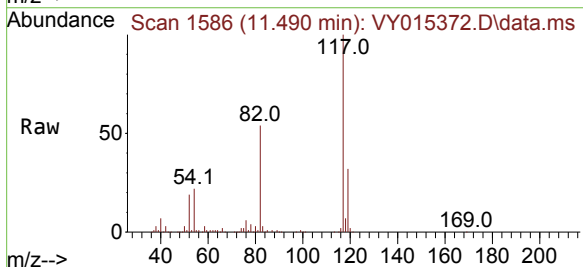
Instrument :
MSVOA_Y
ClientSampleId :

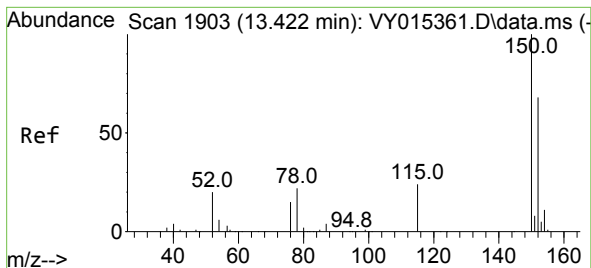
Tgt Ion: 95 Resp: 87662
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015372.D
Acq: 30 Aug 2023 13:05

Tgt Ion: 117 Resp: 201175
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.6 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: VY015372.D

Acq: 30 Aug 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

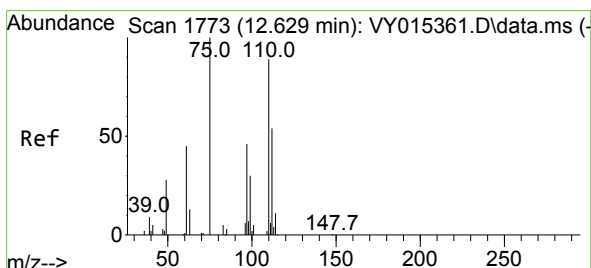
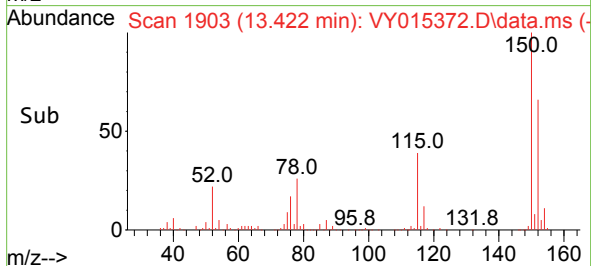
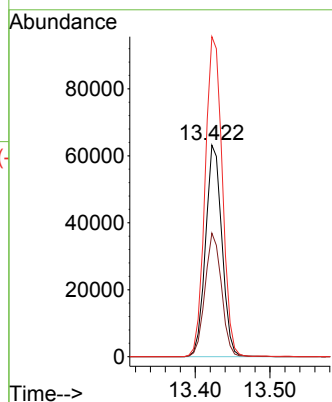
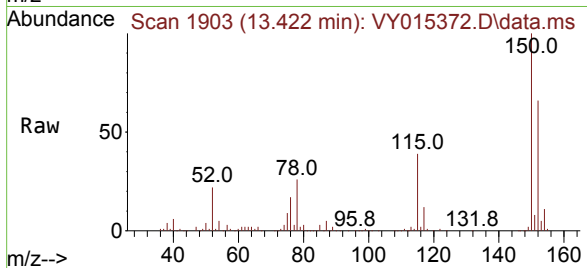
Tgt Ion:152 Resp: 95961

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.872 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015372.D

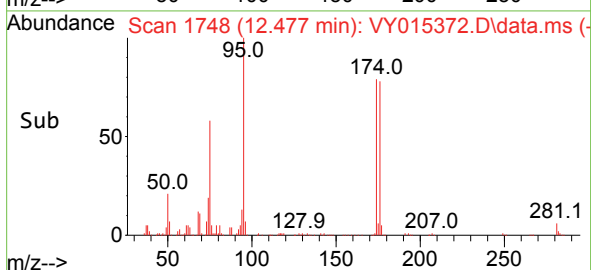
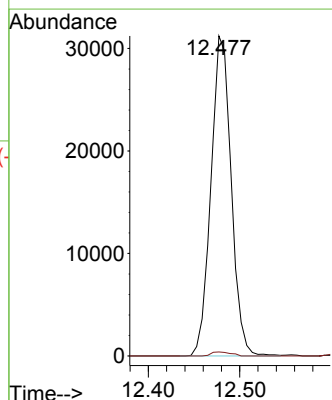
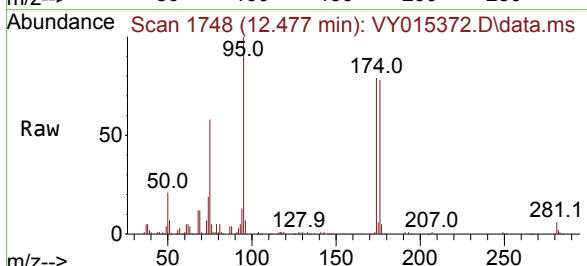
Acq: 30 Aug 2023 13:05

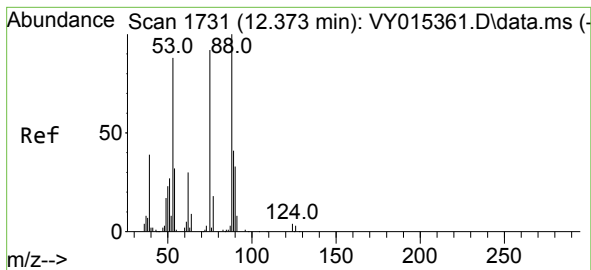
Tgt Ion: 75 Resp: 47996

Ion Ratio Lower Upper

75 100

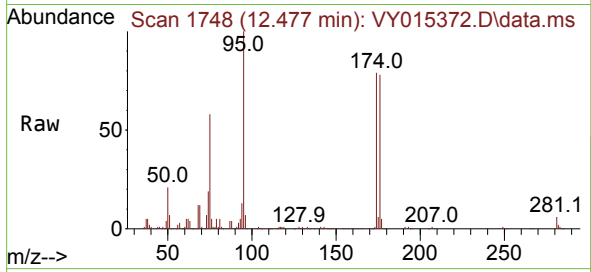
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.199 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015372.D
 Acq: 30 Aug 2023 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47996
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

