

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015904.D
 Acq On : 10 Oct 2023 18:02
 Operator : SY/MD
 Sample : 04812-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:23:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	149225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89537	66.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.360%
35) Dibromofluoromethane	7.722	113	80213	55.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.179	98	308289	64.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	129.260%
62) 4-Bromofluorobenzene	12.483	95	108872	56.192	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.380%

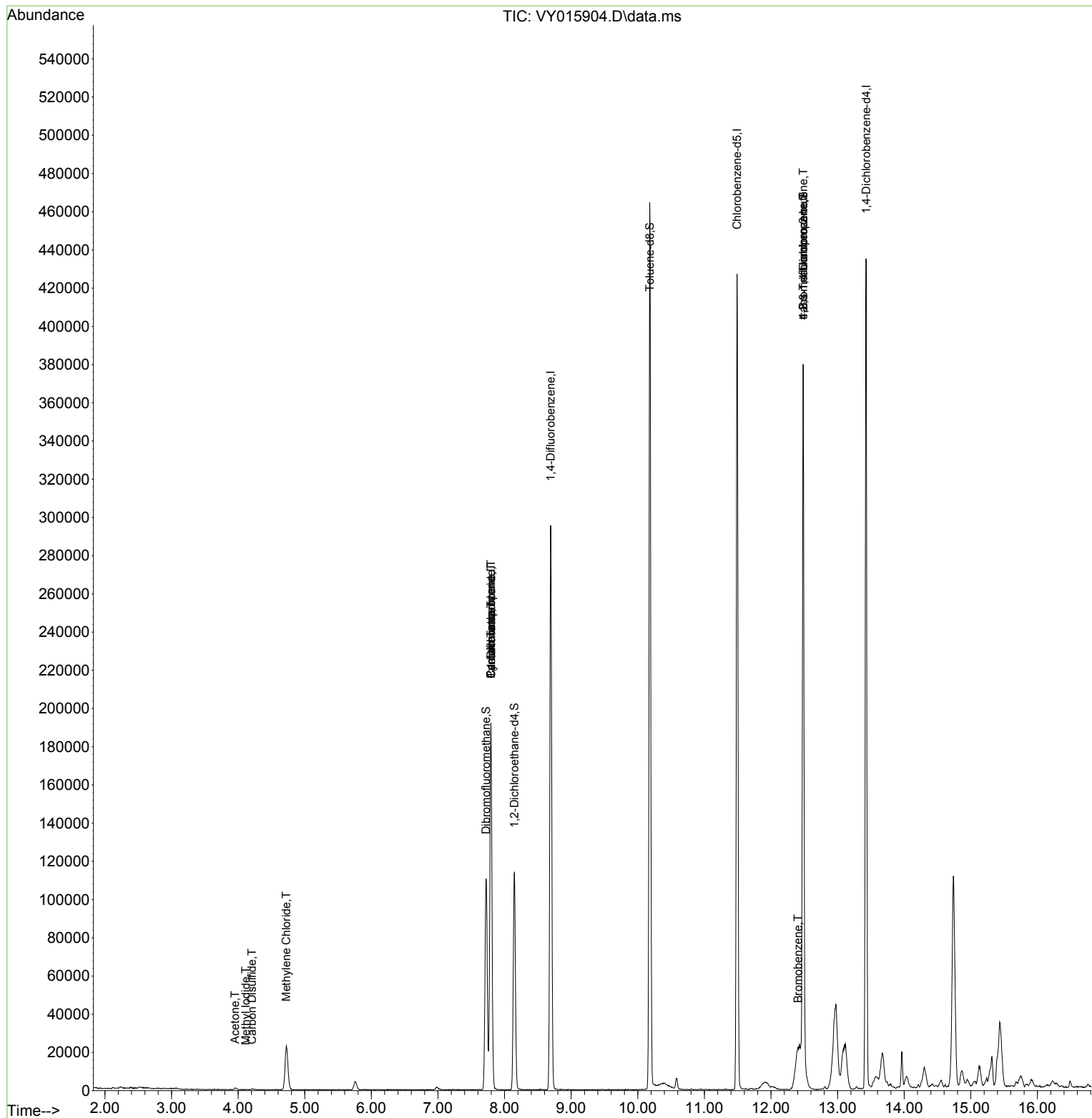
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	90	2.349	ug/l #	38
16) Acetone	3.954	43	1540	8.429	ug/l #	83
17) Carbon Disulfide	4.204	76	109	2.807	ug/l #	76
20) Methylene Chloride	4.723	84	17392	3.718	ug/l	86
31) Cyclohexane	7.795	56	2901	2.017	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11524	7.189	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15178	7.884	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	56384	42.362	ug/l #	100
77) Bromobenzene	12.404	156	13605	7.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	56384	93.937	ug/l #	11

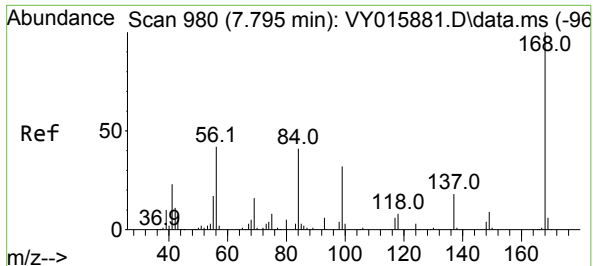
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
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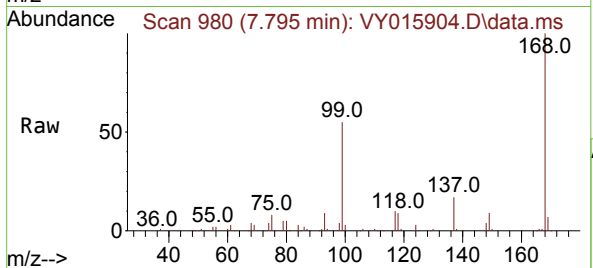
Quant Time: Oct 11 01:23:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
Response via : Initial Calibration



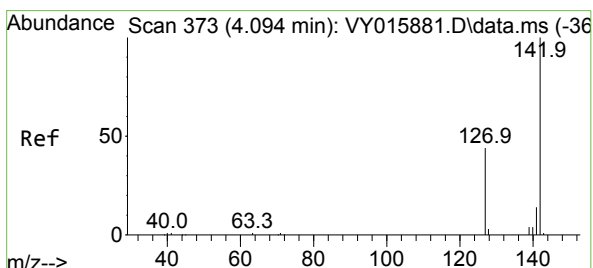
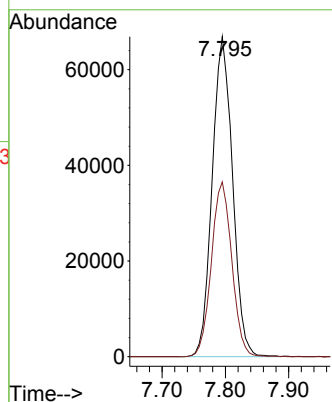
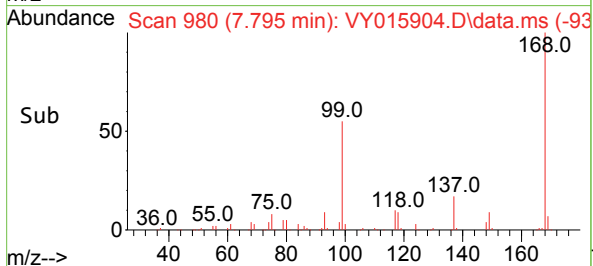


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

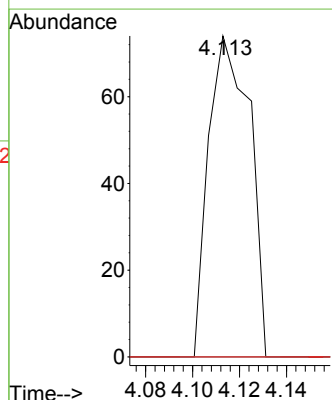
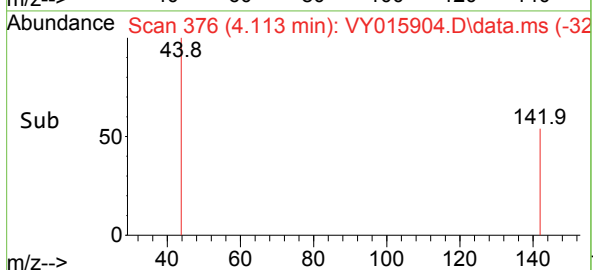
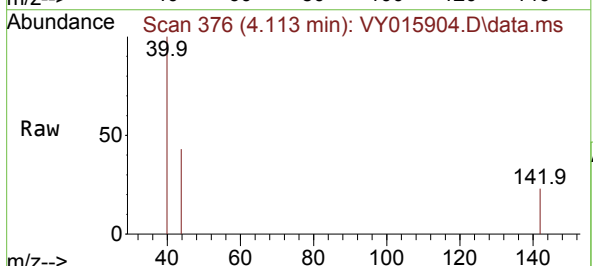


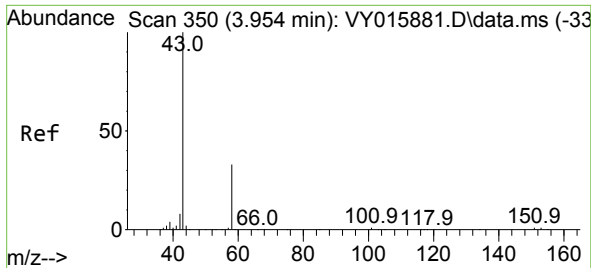
Tgt Ion:168 Resp: 149225
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.349 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.019 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 8.429 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

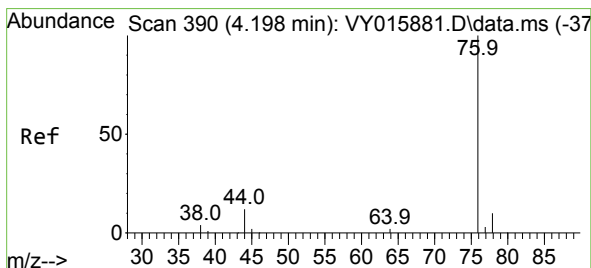
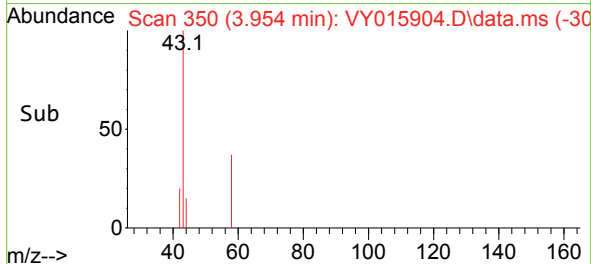
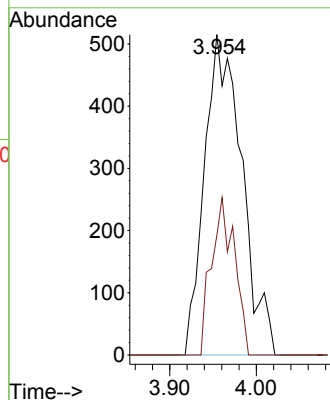
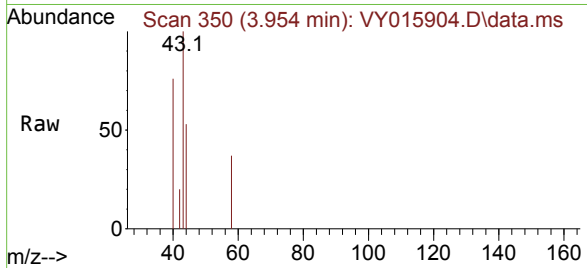
ClientSampleId :

Tgt Ion: 43 Resp: 1540

Ion Ratio Lower Upper

43 100

58 37.3 22.7 34.1#



#17

Carbon Disulfide

Concen: 2.807 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY015904.D

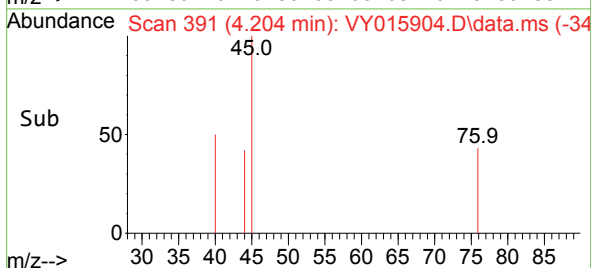
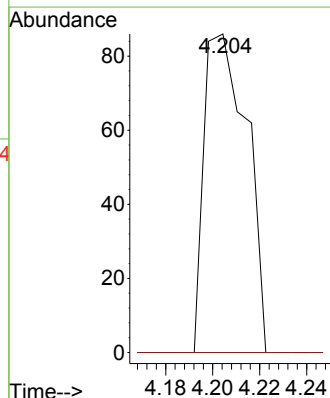
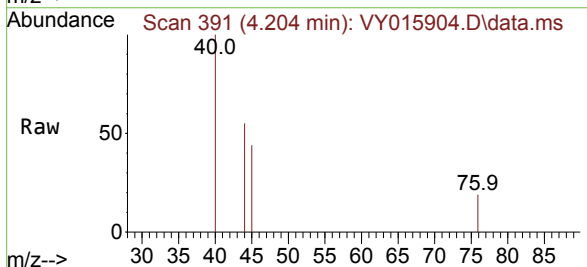
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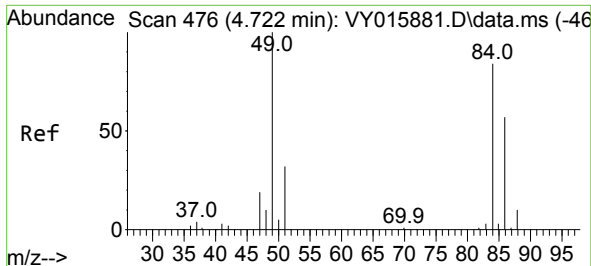
Tgt Ion: 76 Resp: 109

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#





#20

Methylene Chloride

Concen: 3.718 ug/l

RT: 4.723 min Scan# 41

Delta R.T. 0.001 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 17392

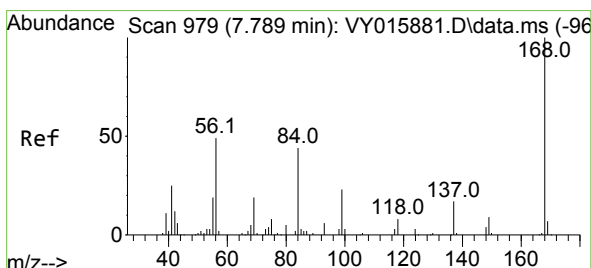
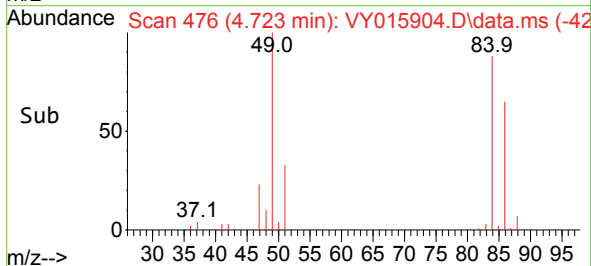
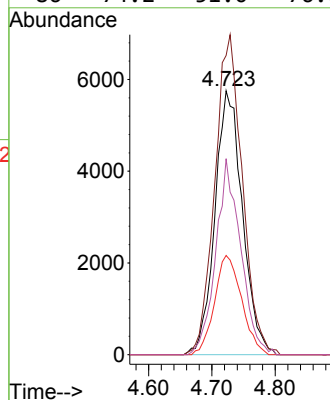
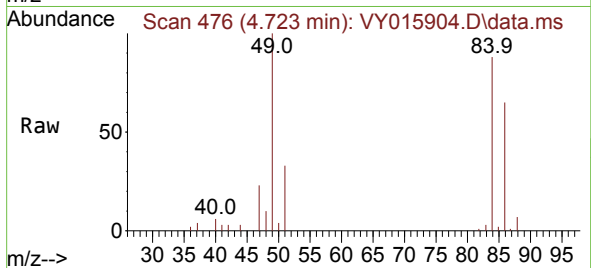
Ion Ratio Lower Upper

84 100

49 113.4 106.9 160.3

51 37.6 33.2 49.8

86 74.2 51.0 76.6



#31

Cyclohexane

Concen: 2.017 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

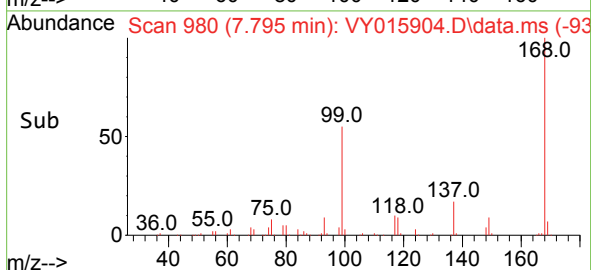
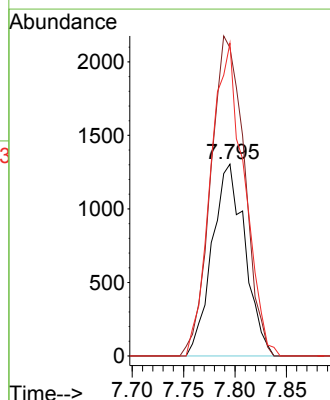
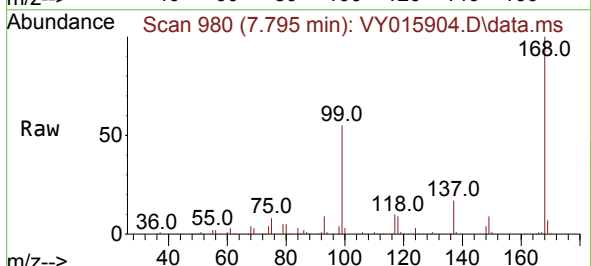
Tgt Ion: 56 Resp: 2901

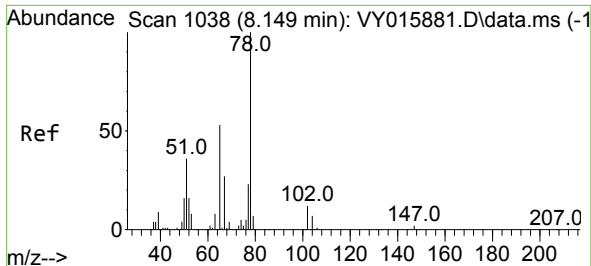
Ion Ratio Lower Upper

56 100

69 160.5 27.8 41.6#

84 163.0 66.4 99.6#

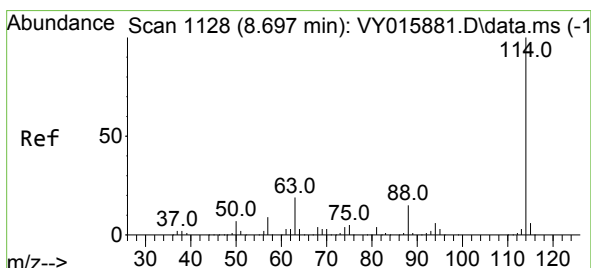
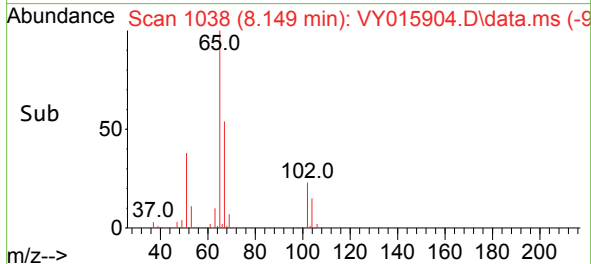
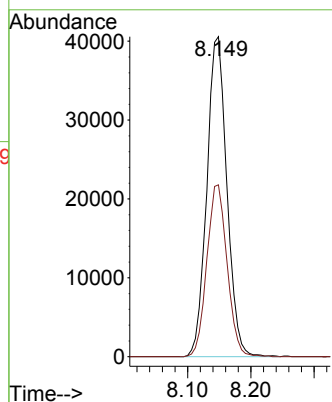
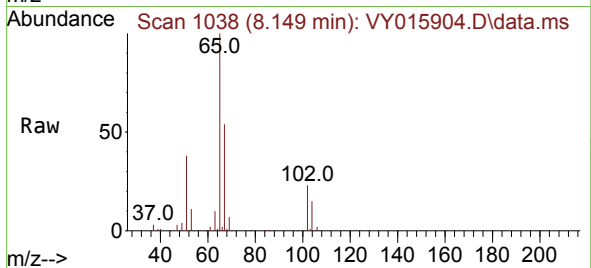




#33
1,2-Dichloroethane-d4
Concen: 66.683 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

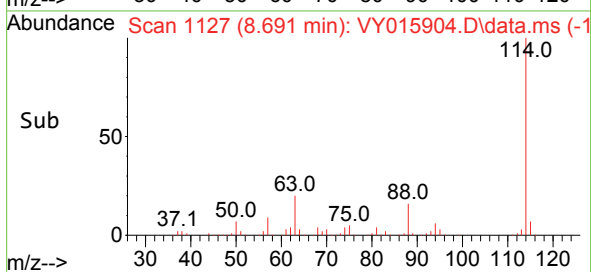
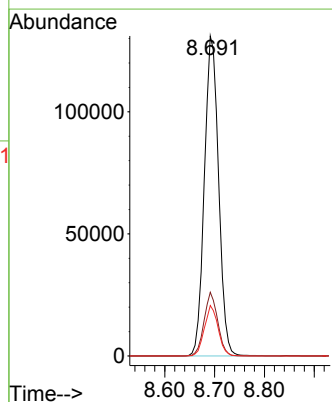
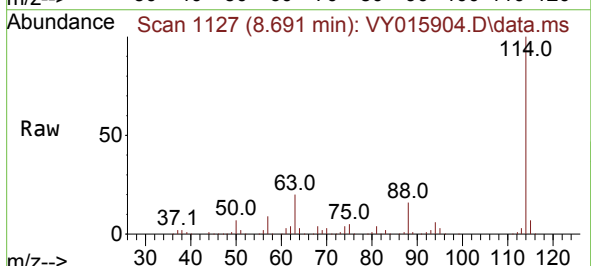
Instrument :
MSVOA_Y
ClientSampleId :

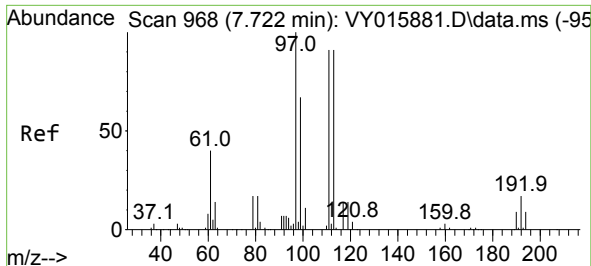
Tgt Ion: 65 Resp: 89537
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion: 114 Resp: 259489
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.8 0.0 30.6

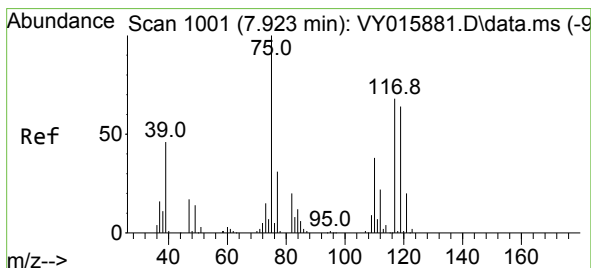
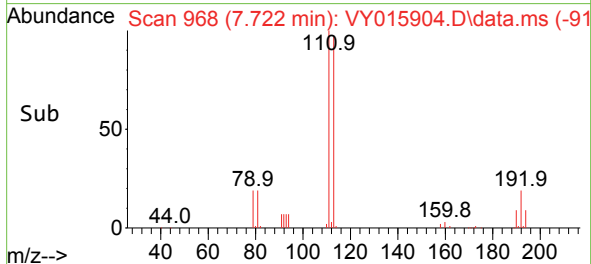
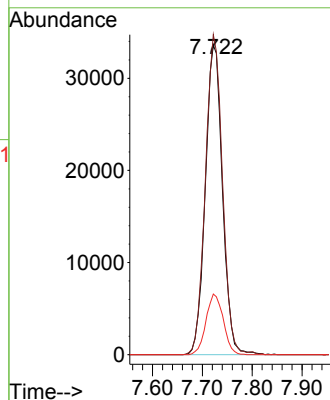
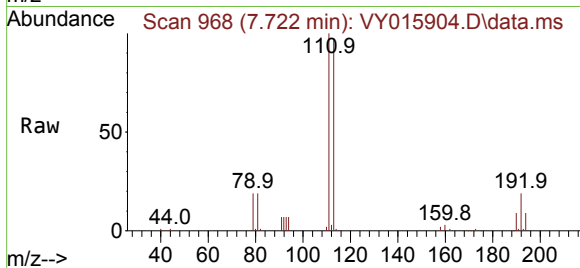




#35
Dibromofluoromethane
Concen: 55.420 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

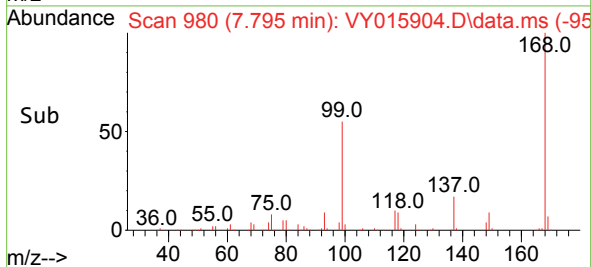
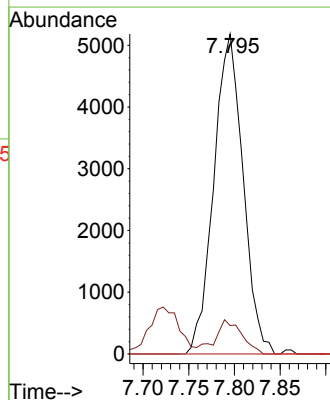
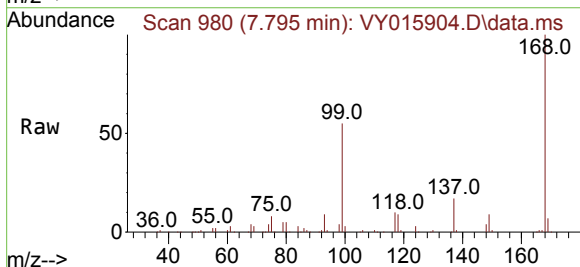
Instrument :
MSVOA_Y
ClientSampleId :

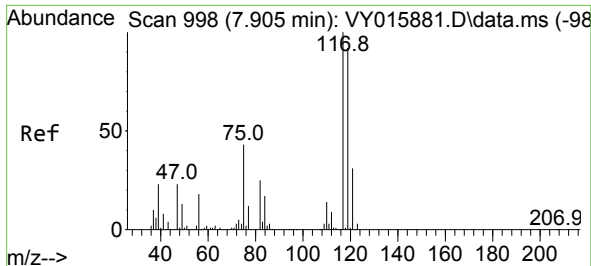
Tgt Ion:113 Resp: 80213
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 7.189 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

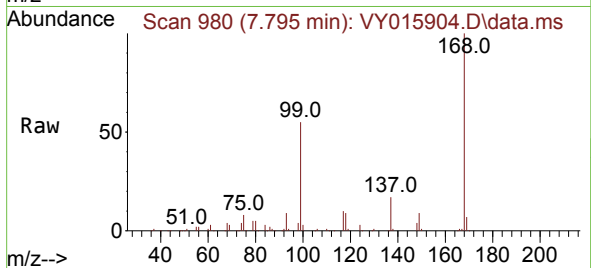
Tgt Ion: 75 Resp: 11524
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



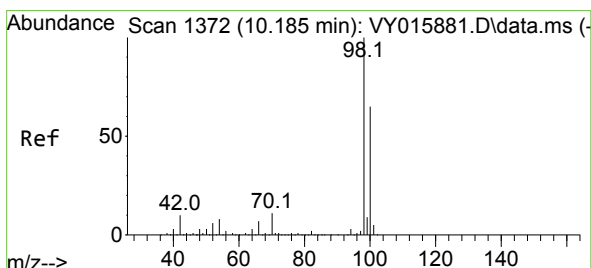
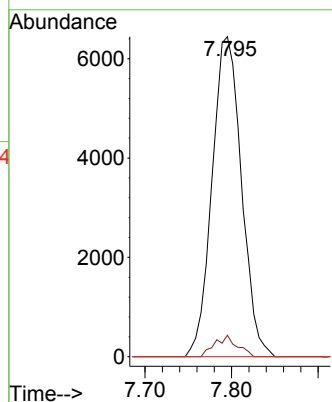
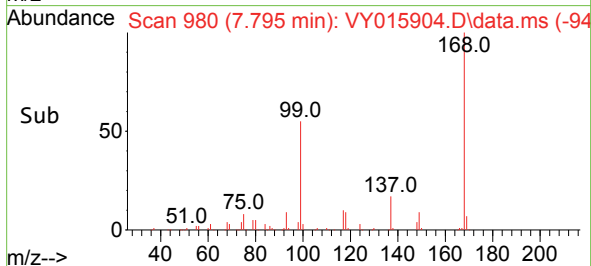


#38
Carbon Tetrachloride
Concen: 7.884 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

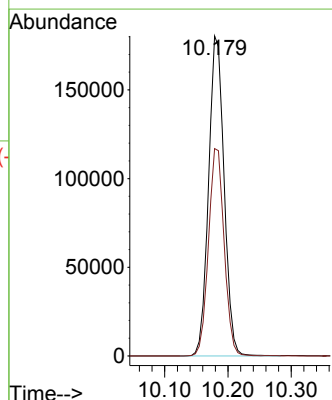
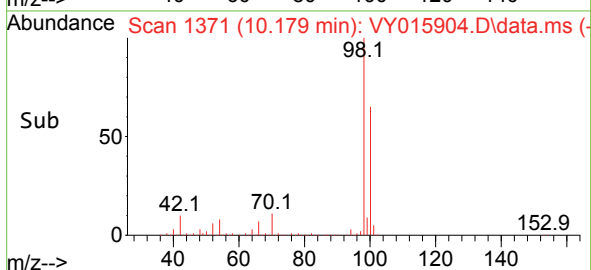
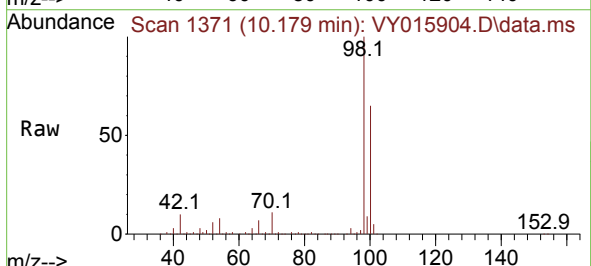


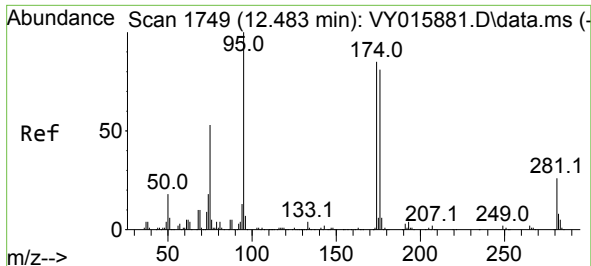
Tgt Ion:117 Resp: 15178
Ion Ratio Lower Upper
117 100
119 6.7 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 64.629 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion: 98 Resp: 308289
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

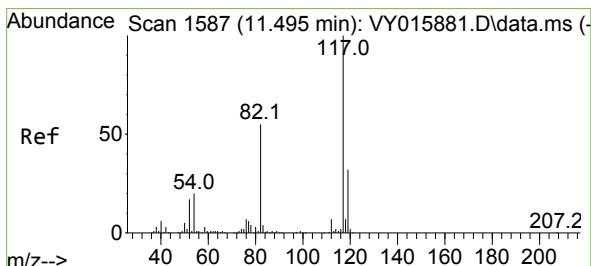
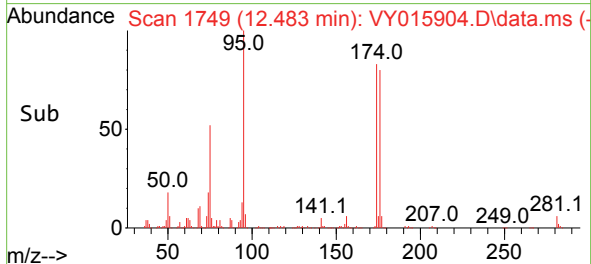
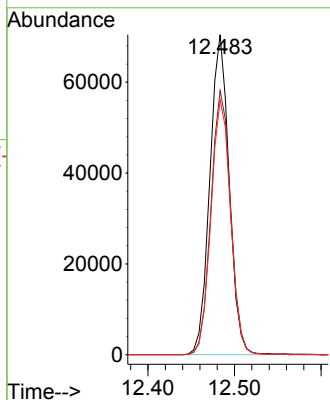
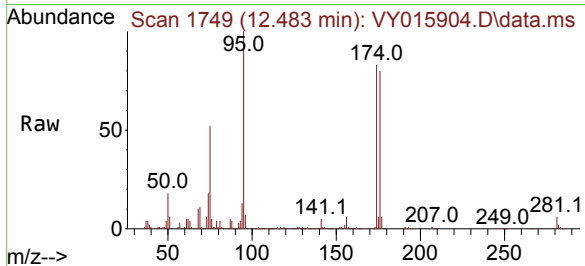




#62
4-Bromofluorobenzene
Concen: 56.192 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

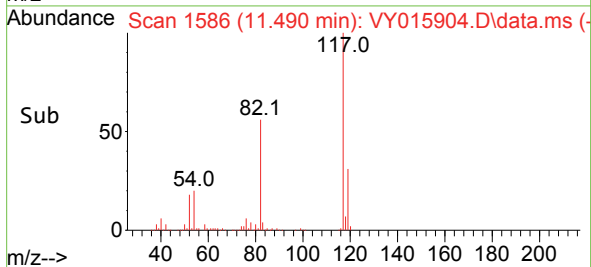
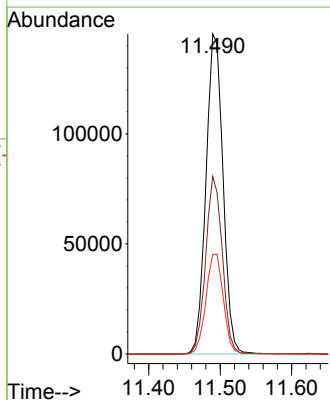
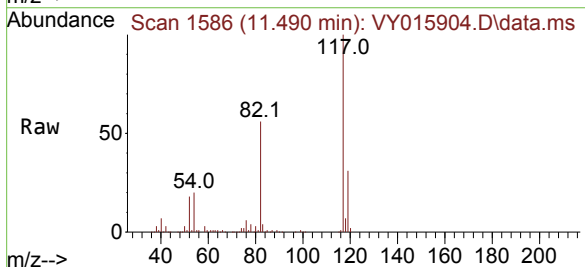
Instrument :
MSVOA_Y
ClientSampleId :

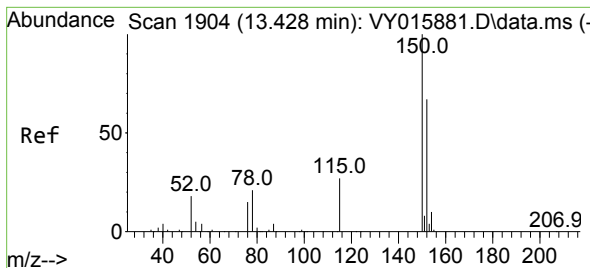
Tgt Ion: 95 Resp: 108872
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015904.D
Acq: 10 Oct 2023 18:02

Tgt Ion: 117 Resp: 240459
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 31.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

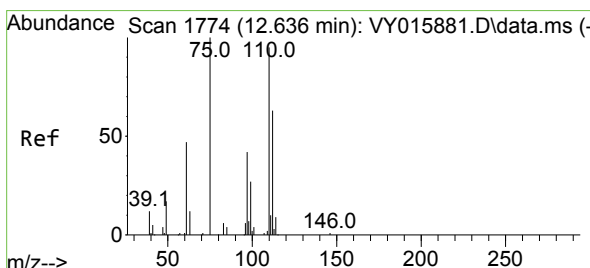
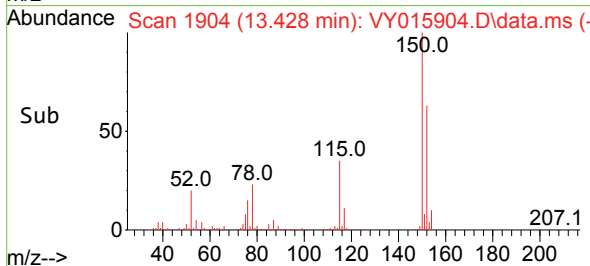
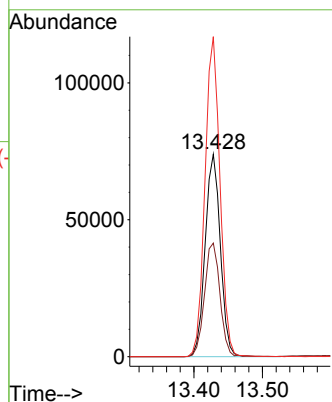
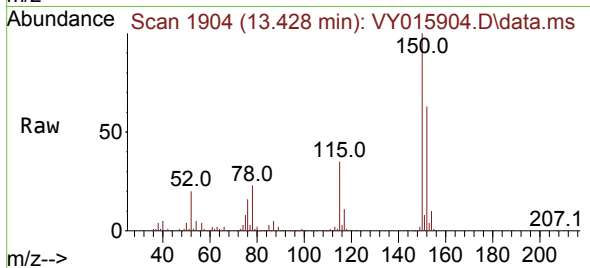
Tgt Ion:152 Resp: 114017

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 156.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.362 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015904.D

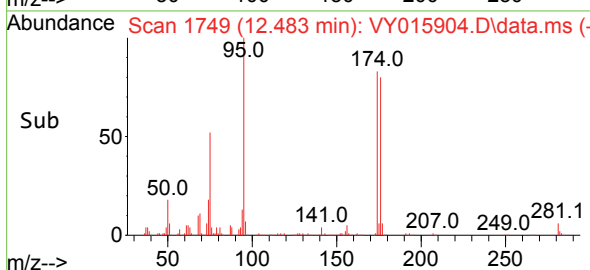
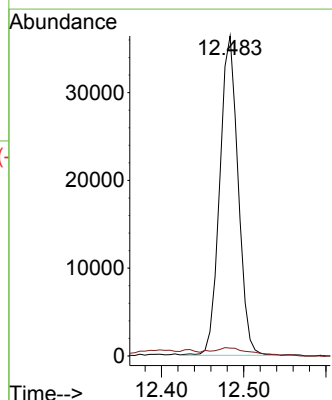
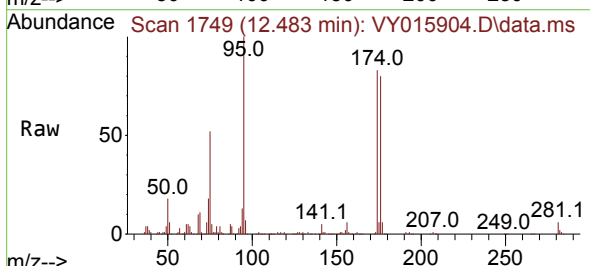
Acq: 10 Oct 2023 18:02

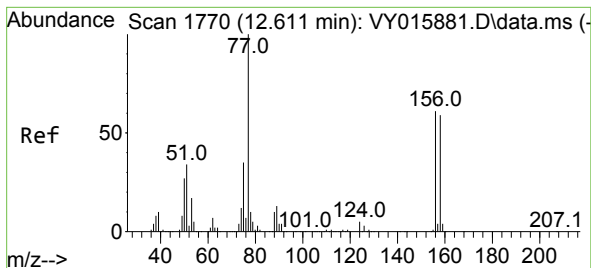
Tgt Ion: 75 Resp: 56384

Ion Ratio Lower Upper

75 100

77 5.6 0.0 0.0#





#77

Bromobenzene

Concen: 7.714 ug/l

RT: 12.404 min Scan# 1

Delta R.T. -0.207 min

Lab File: VY015904.D

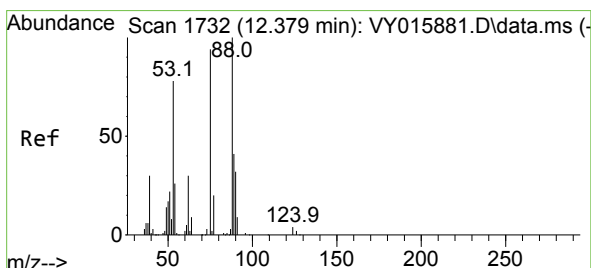
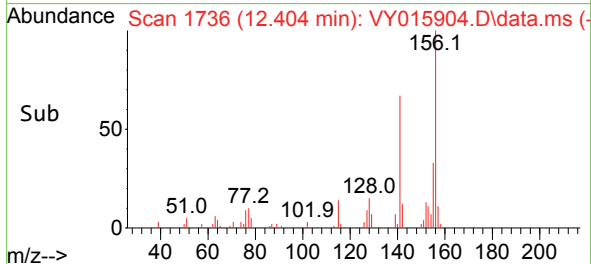
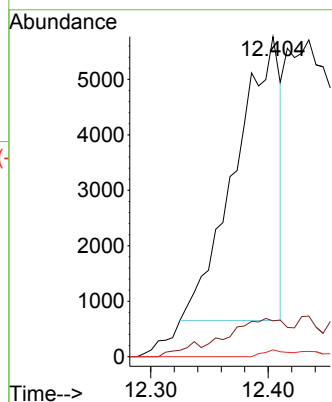
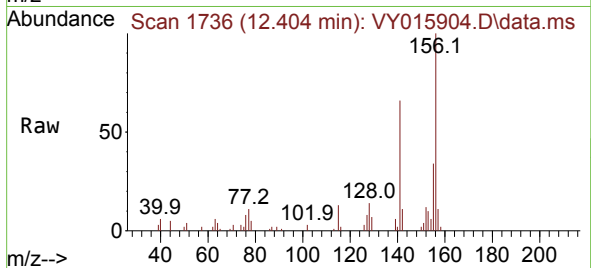
Acq: 10 Oct 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	13605
Ion Ratio	Lower	Upper	
156	100		
77	15.4	92.8	278.6#
158	1.3	48.4	145.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.937 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015904.D

Acq: 10 Oct 2023 18:02

Tgt Ion:	75	Resp:	56384
Ion Ratio	Lower	Upper	
75	100		
53	0.0	77.8	116.8#
89	1.0	37.4	56.0#

