

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015398.D
 Acq On : 31 Aug 2023 13:04
 Operator : SY/MD
 Sample : 04219-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 00:45:48 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)

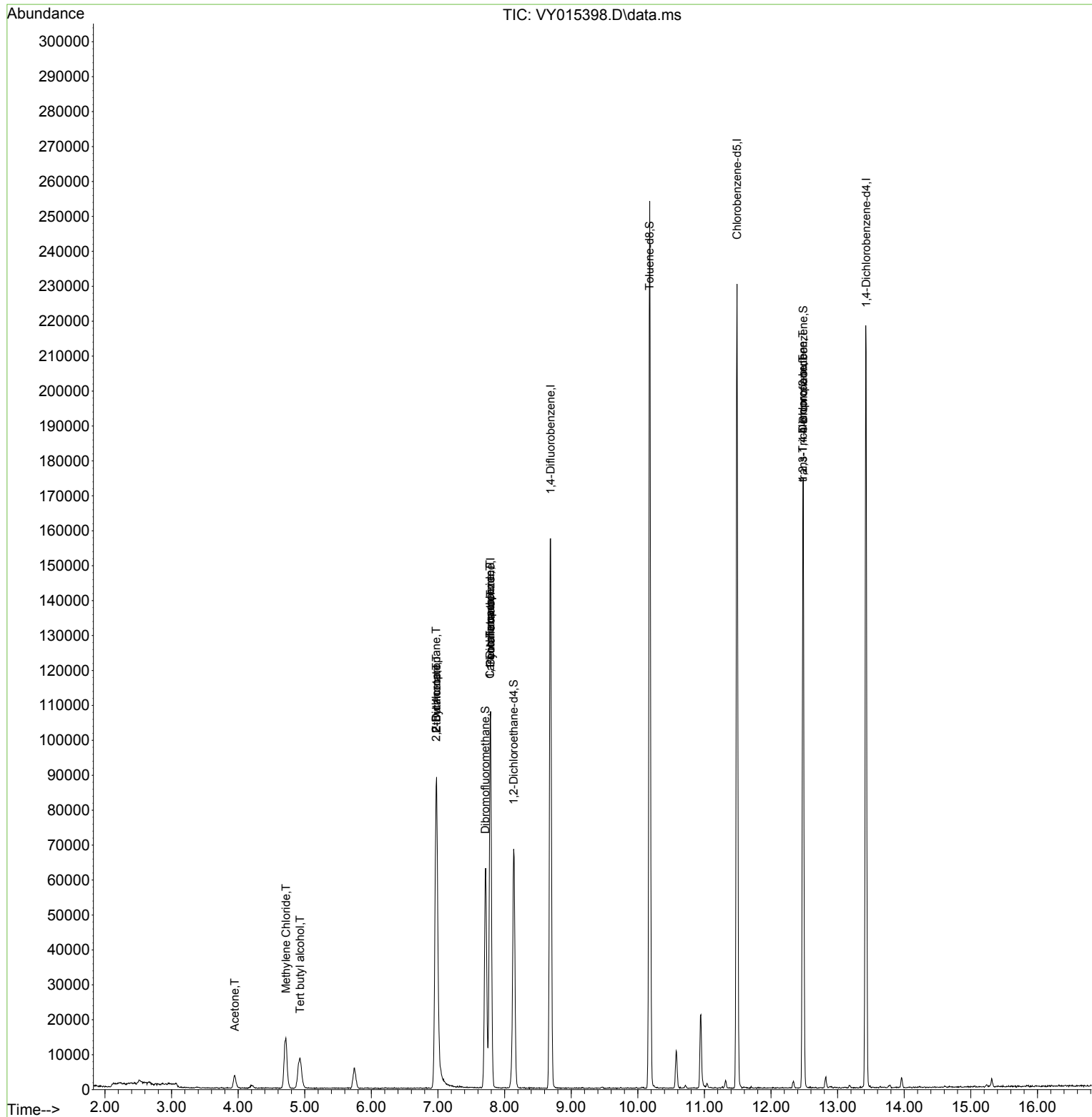
Internal Standards						
1) Pentafluorobenzene	7.789	168	83161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52857	59.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.580%	
35) Dibromofluoromethane	7.710	113	44585	55.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.240%	
50) Toluene-d8	10.179	98	162252	55.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.780%	
62) 4-Bromofluorobenzene	12.483	95	50958	47.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	9746	33.414	ug/l #	89
16) Acetone	3.948	43	6500	17.469	ug/l #	88
20) Methylene Chloride	4.716	84	11131	3.593	ug/l	90
25) 2-Butanone	6.978	43	4518	8.561	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	6750	4.776	ug/l #	54
31) Cyclohexane	7.789	56	1836	1.159	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6316	4.487	ug/l #	48
37) Ethyl Acetate	6.978	43	4518	4.162	ug/l #	1
38) Carbon Tetrachloride	7.783	117	8350	5.744	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	27242	36.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	27242	80.045	ug/l #	11

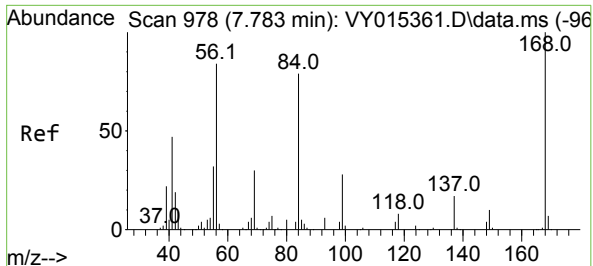
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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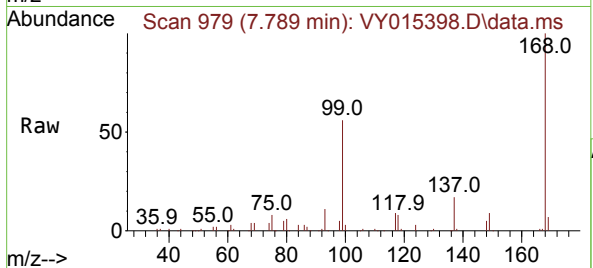
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



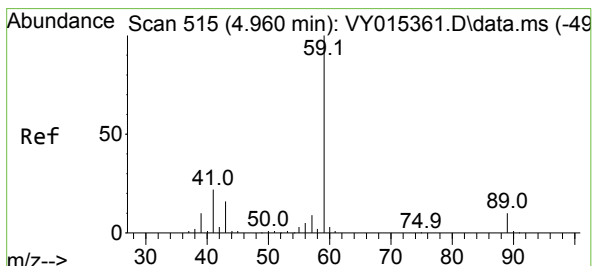
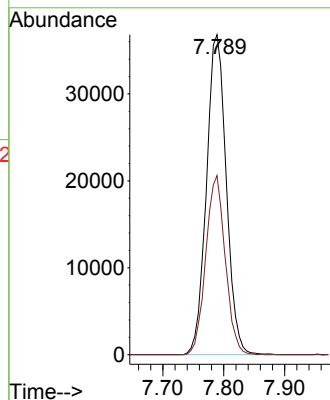
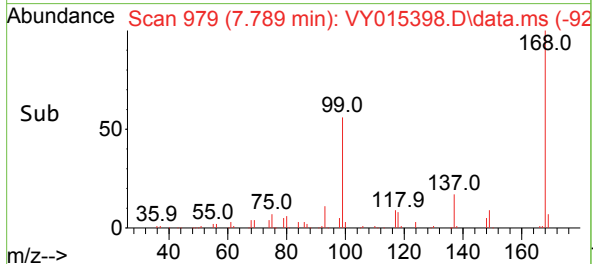


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

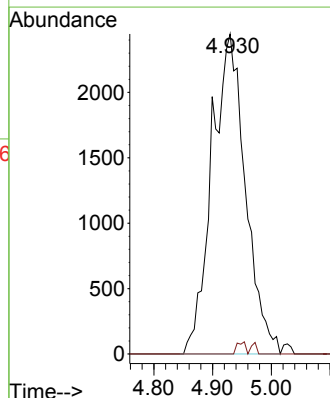
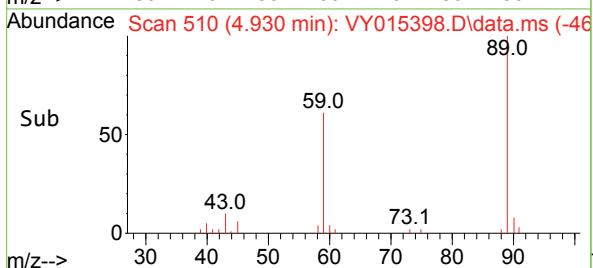
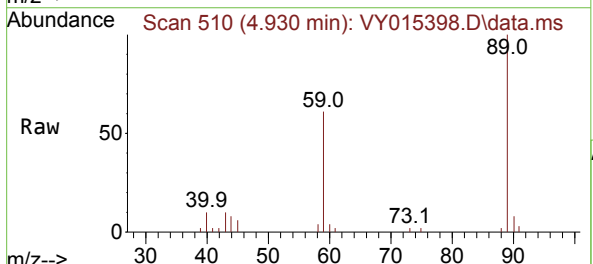


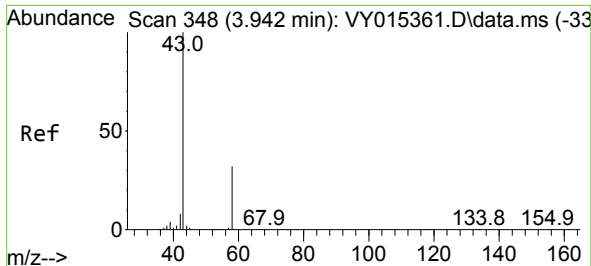
Tgt Ion:168 Resp: 83161
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#11
Tert butyl alcohol
Concen: 33.414 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Tgt Ion: 59 Resp: 9746
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 17.469 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY015398.D

Acq: 31 Aug 2023 13:04

Instrument :

MSVOA_Y

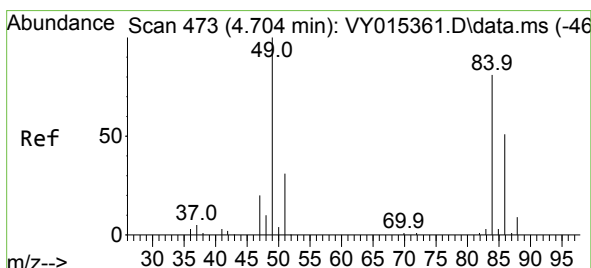
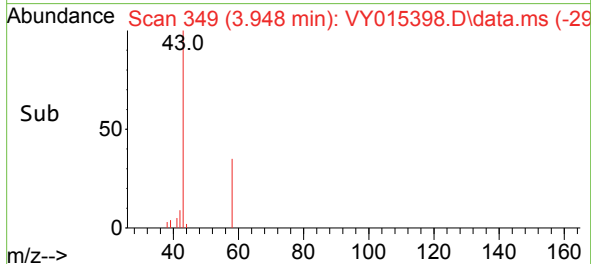
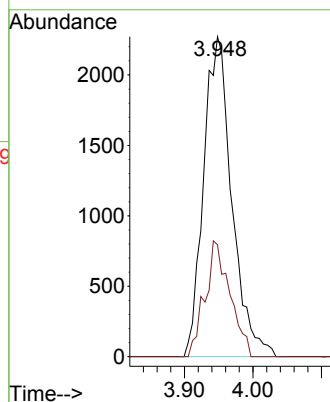
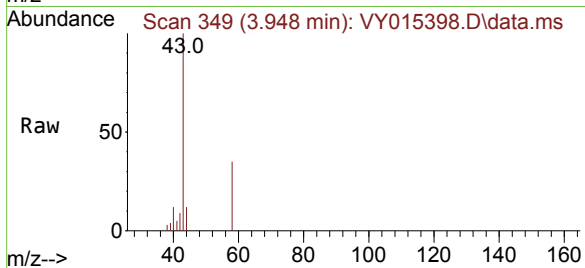
ClientSampleId :

Tgt Ion: 43 Resp: 6500

Ion Ratio Lower Upper

43 100

58 35.0 22.7 34.1#



#20

Methylene Chloride

Concen: 3.593 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015398.D

Acq: 31 Aug 2023 13:04

Tgt Ion: 84 Resp: 11131

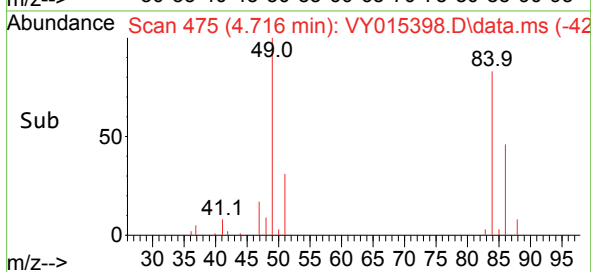
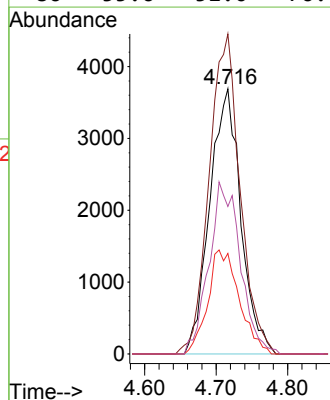
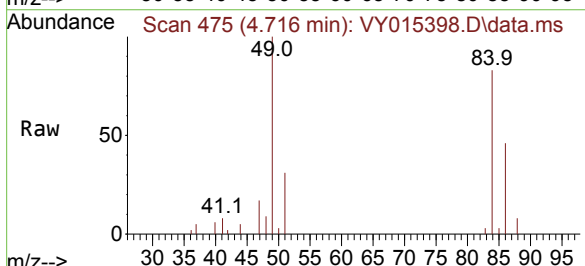
Ion Ratio Lower Upper

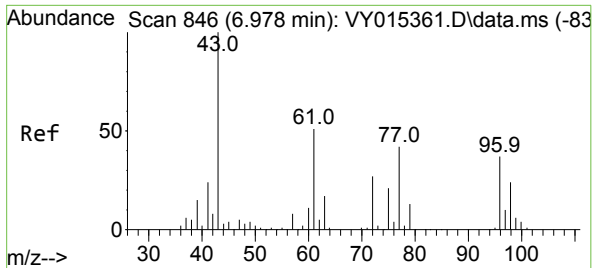
84 100

49 120.7 106.9 160.3

51 37.9 33.2 49.8

86 55.6 51.0 76.6





#25

2-Butanone

Concen: 8.561 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015398.D

Acq: 31 Aug 2023 13:04

Instrument :

MSVOA_Y

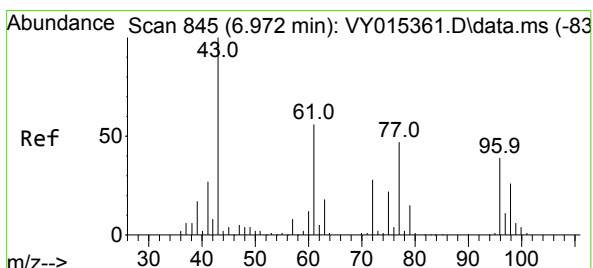
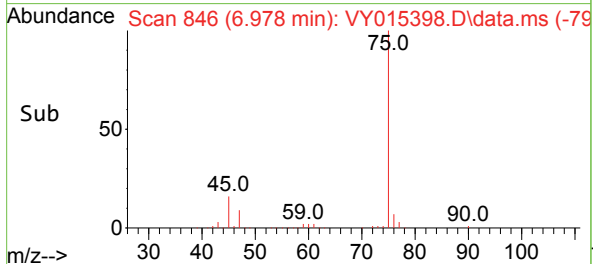
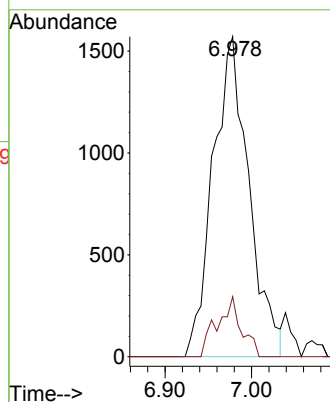
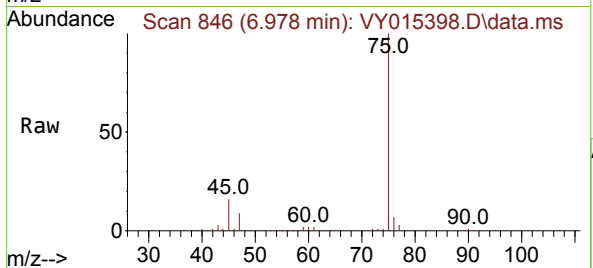
ClientSampleId :

Tgt Ion: 43 Resp: 4518

Ion Ratio Lower Upper

43 100

72 18.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 4.776 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015398.D

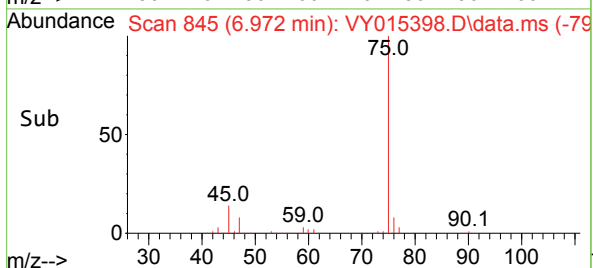
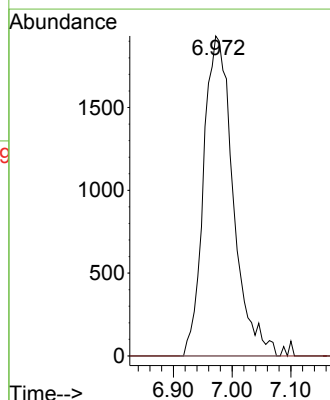
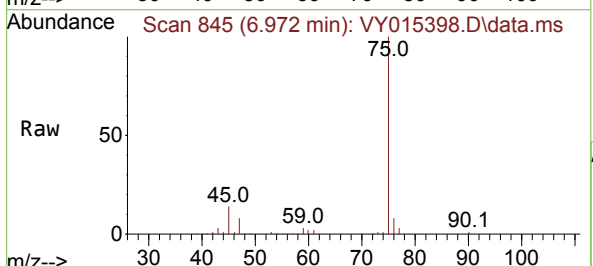
Acq: 31 Aug 2023 13:04

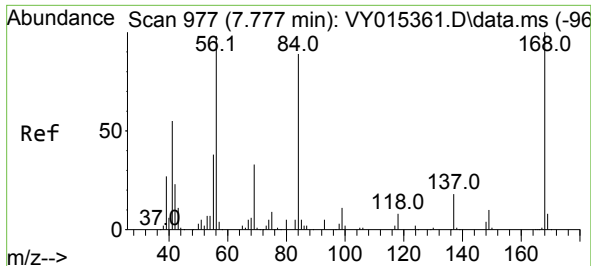
Tgt Ion: 77 Resp: 6750

Ion Ratio Lower Upper

77 100

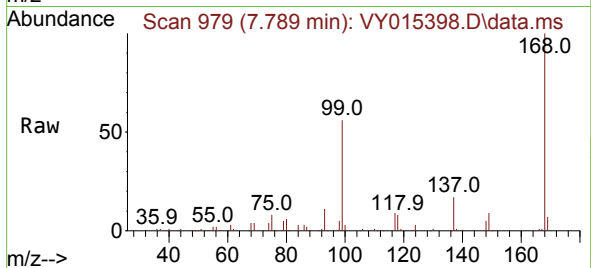
97 0.0 10.9 32.9#



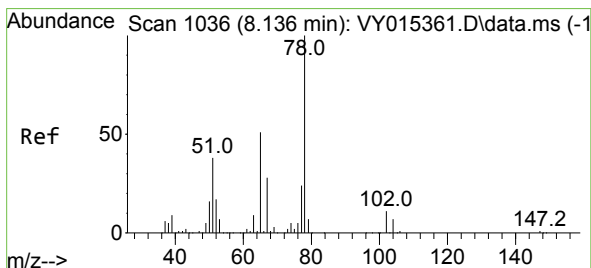
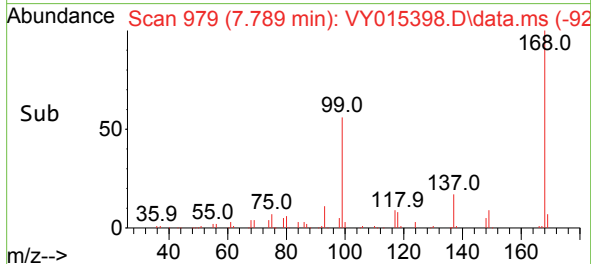
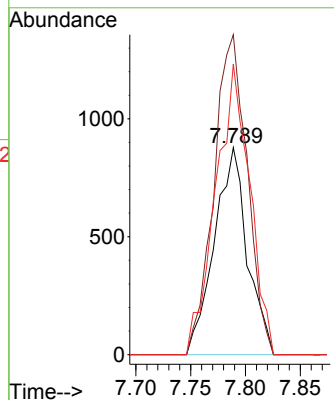


#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

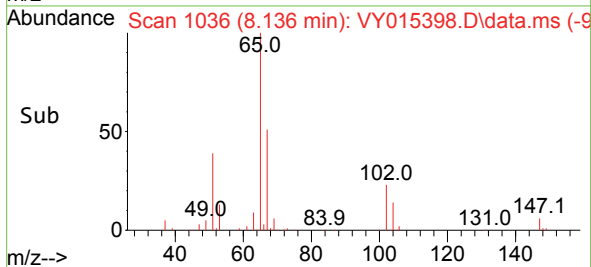
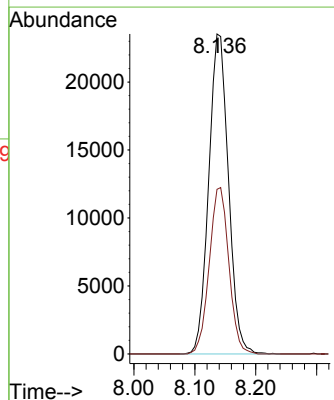
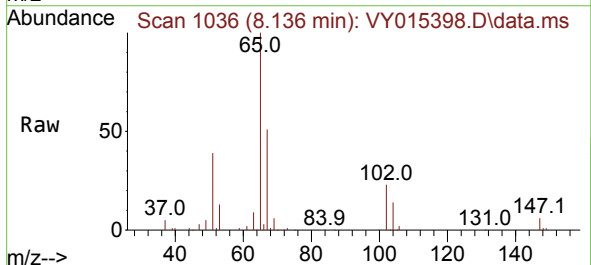


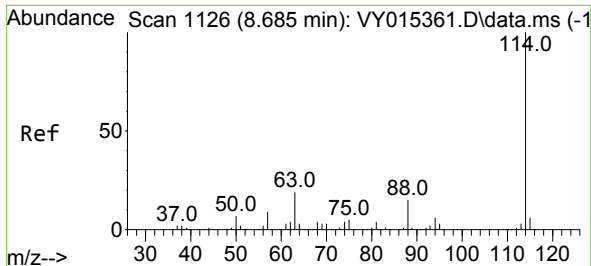
Tgt Ion: 56 Resp: 1836
Ion Ratio Lower Upper
56 100
69 154.6 27.8 41.6#
84 140.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.292 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Tgt Ion: 65 Resp: 52857
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: VY015398.D

Acq: 31 Aug 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

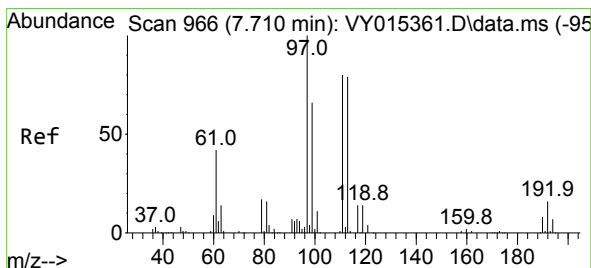
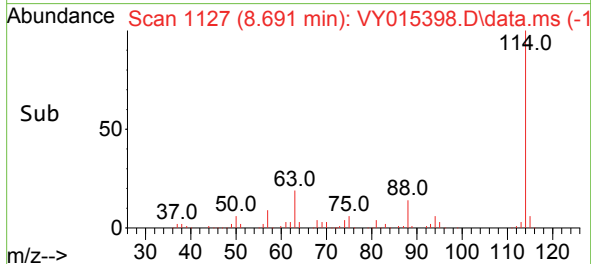
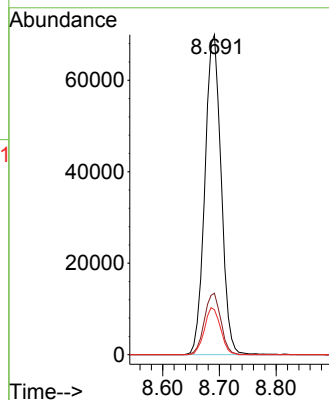
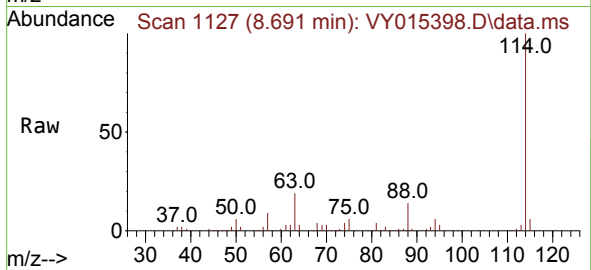
Tgt Ion:114 Resp: 139180

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.617 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015398.D

Acq: 31 Aug 2023 13:04

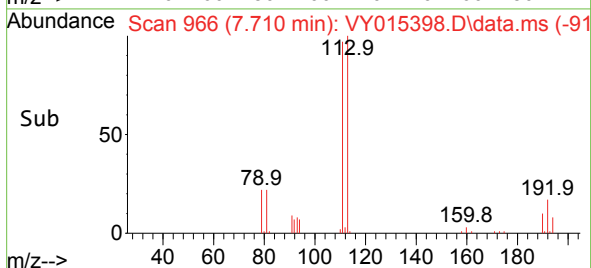
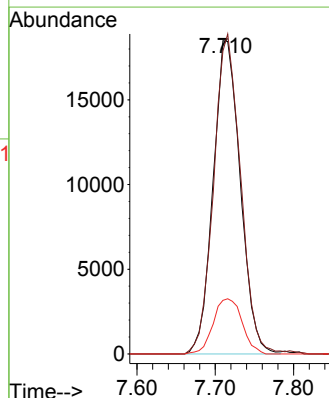
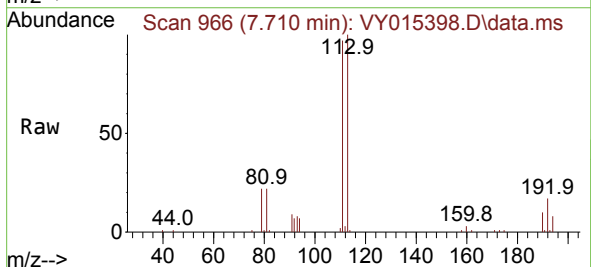
Tgt Ion:113 Resp: 44585

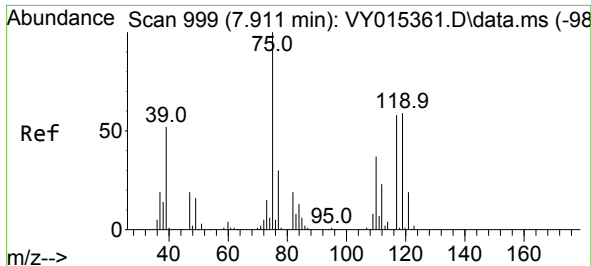
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

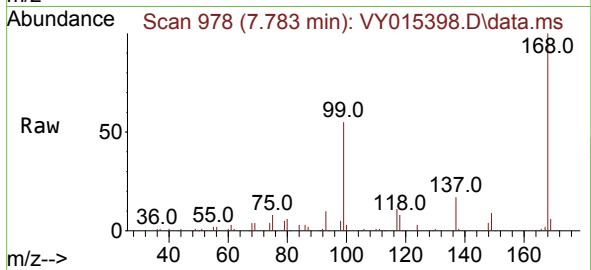
192 18.7 16.9 25.3



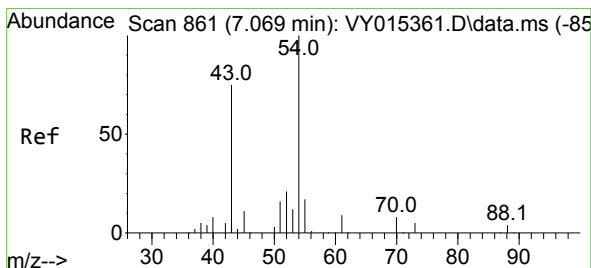
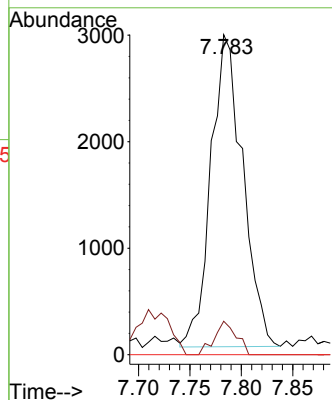
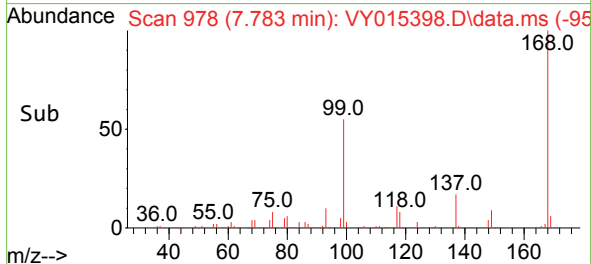


#36
1,1-Dichloropropene
Concen: 4.487 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

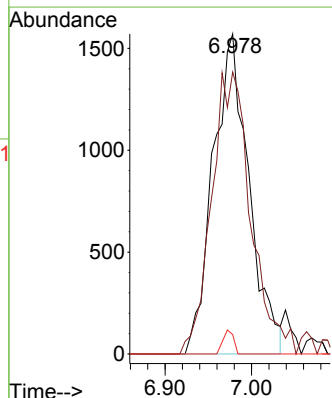
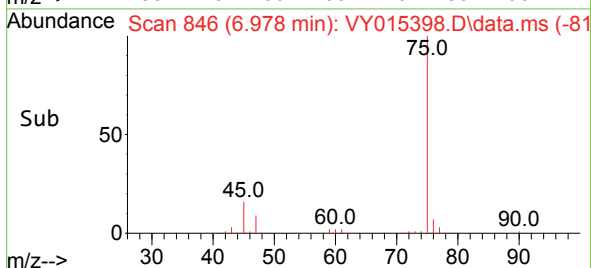
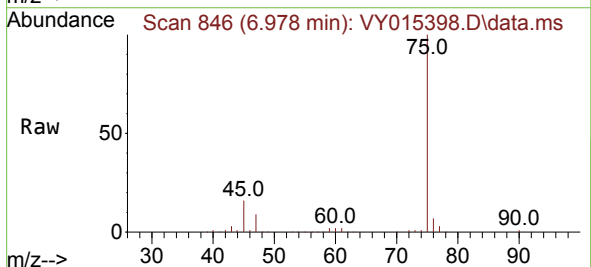


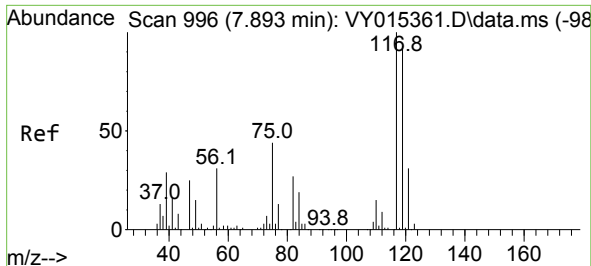
Tgt Ion: 75 Resp: 6316
Ion Ratio Lower Upper
75 100
110 7.3 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.162 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.085 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

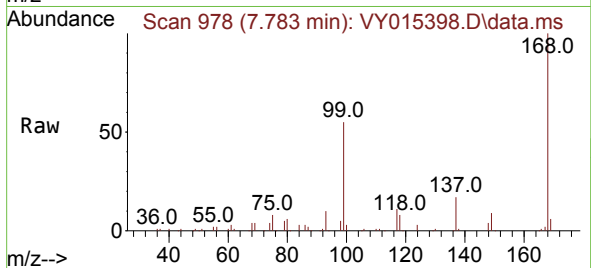
Tgt Ion: 43 Resp: 4518
Ion Ratio Lower Upper
43 100
61 96.3 10.1 15.1#
70 2.2 7.1 10.7#



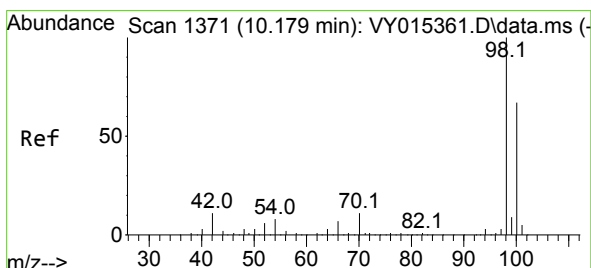
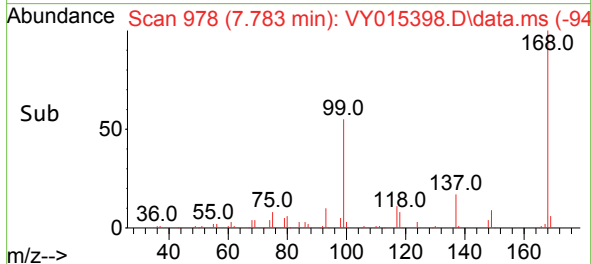
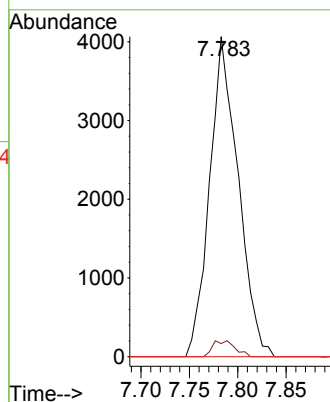


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

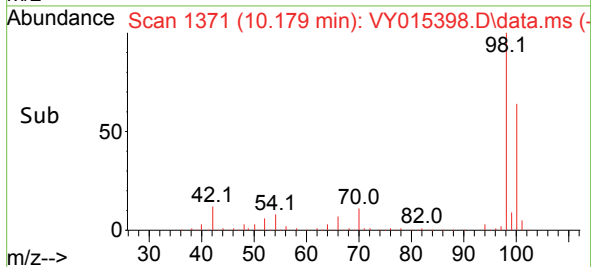
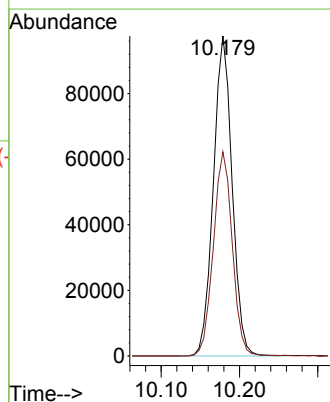
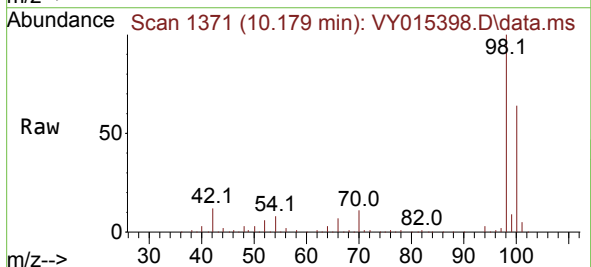


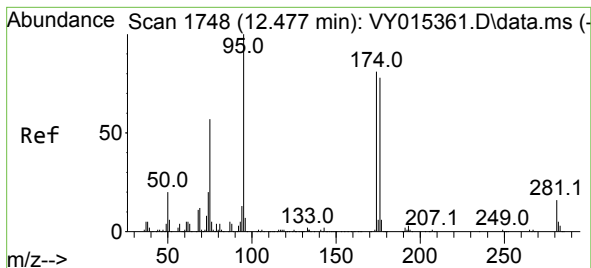
Tgt Ion:117 Resp: 8350
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.890 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Tgt Ion: 98 Resp: 162252
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

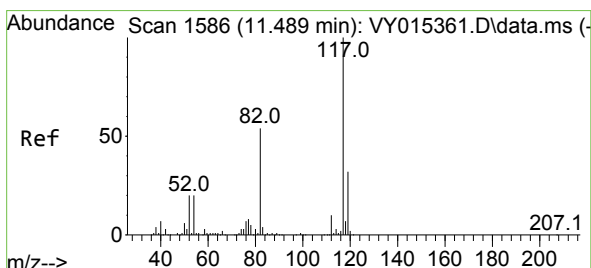
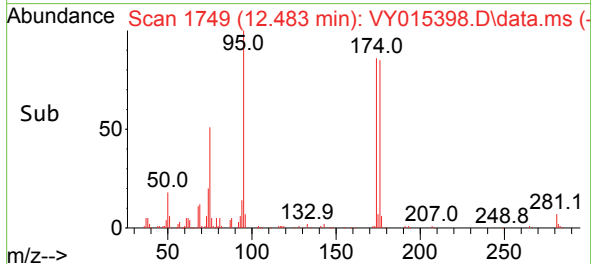
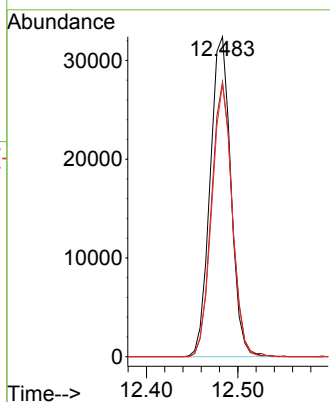
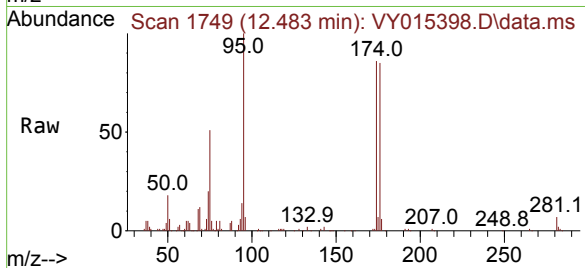




#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

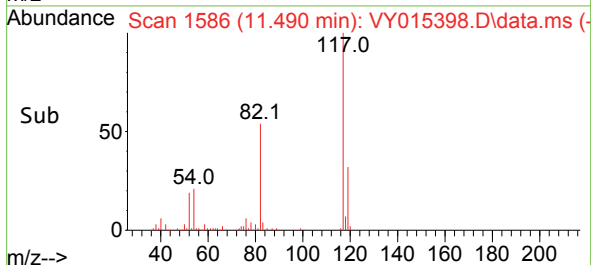
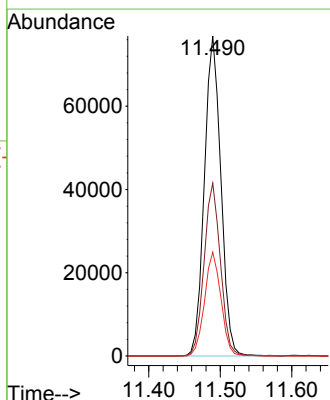
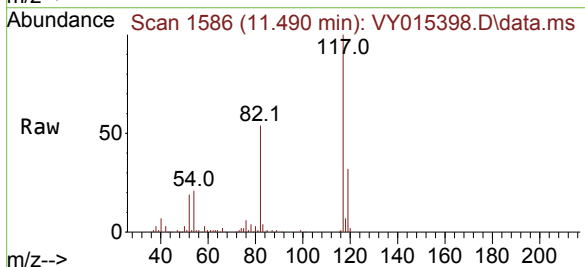
Instrument :
MSVOA_Y
ClientSampleId :

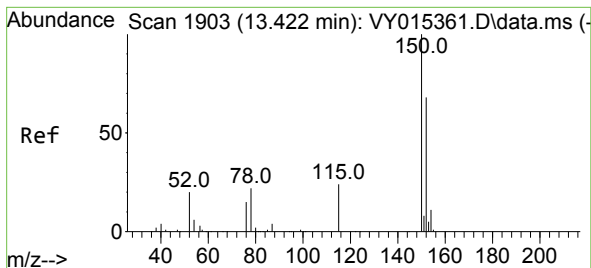
Tgt Ion: 95 Resp: 50958
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015398.D
Acq: 31 Aug 2023 13:04

Tgt Ion: 117 Resp: 123268
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.5 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: VY015398.D

Acq: 31 Aug 2023 13:04

Instrument :

MSVOA_Y

ClientSampleId :

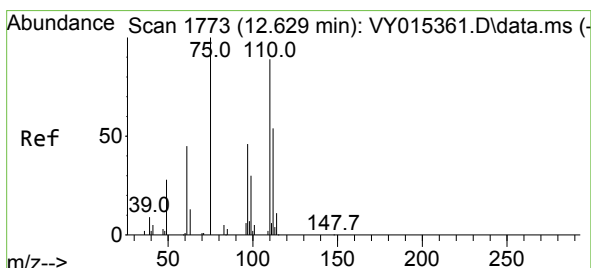
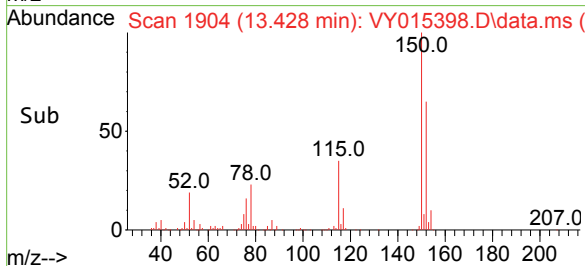
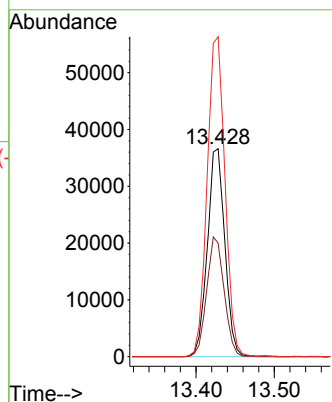
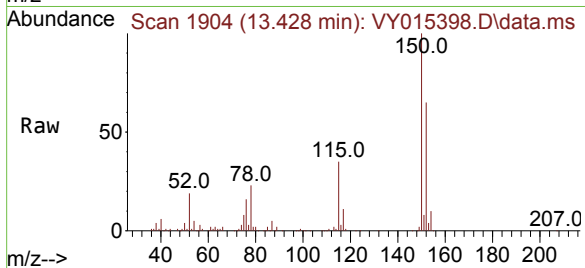
Tgt Ion:152 Resp: 56612

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.287 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015398.D

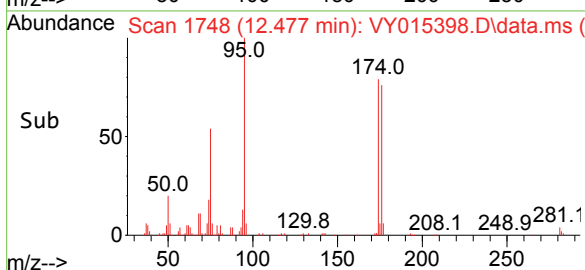
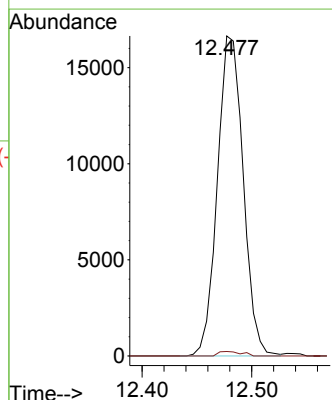
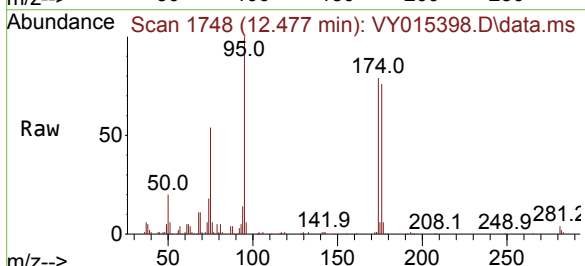
Acq: 31 Aug 2023 13:04

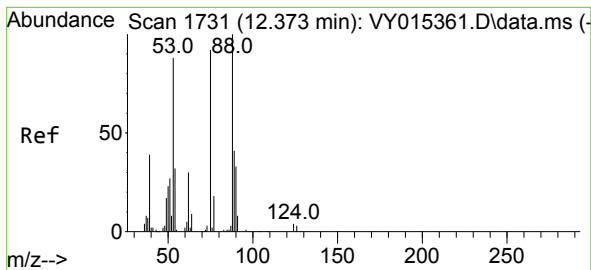
Tgt Ion: 75 Resp: 27242

Ion Ratio Lower Upper

75 100

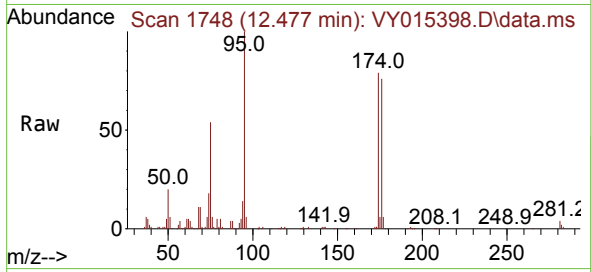
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.045 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015398.D
 Acq: 31 Aug 2023 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :



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

