

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015546.D
 Acq On : 14 Sep 2023 20:13
 Operator : SY/MD
 Sample : 04397-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:06:05 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)

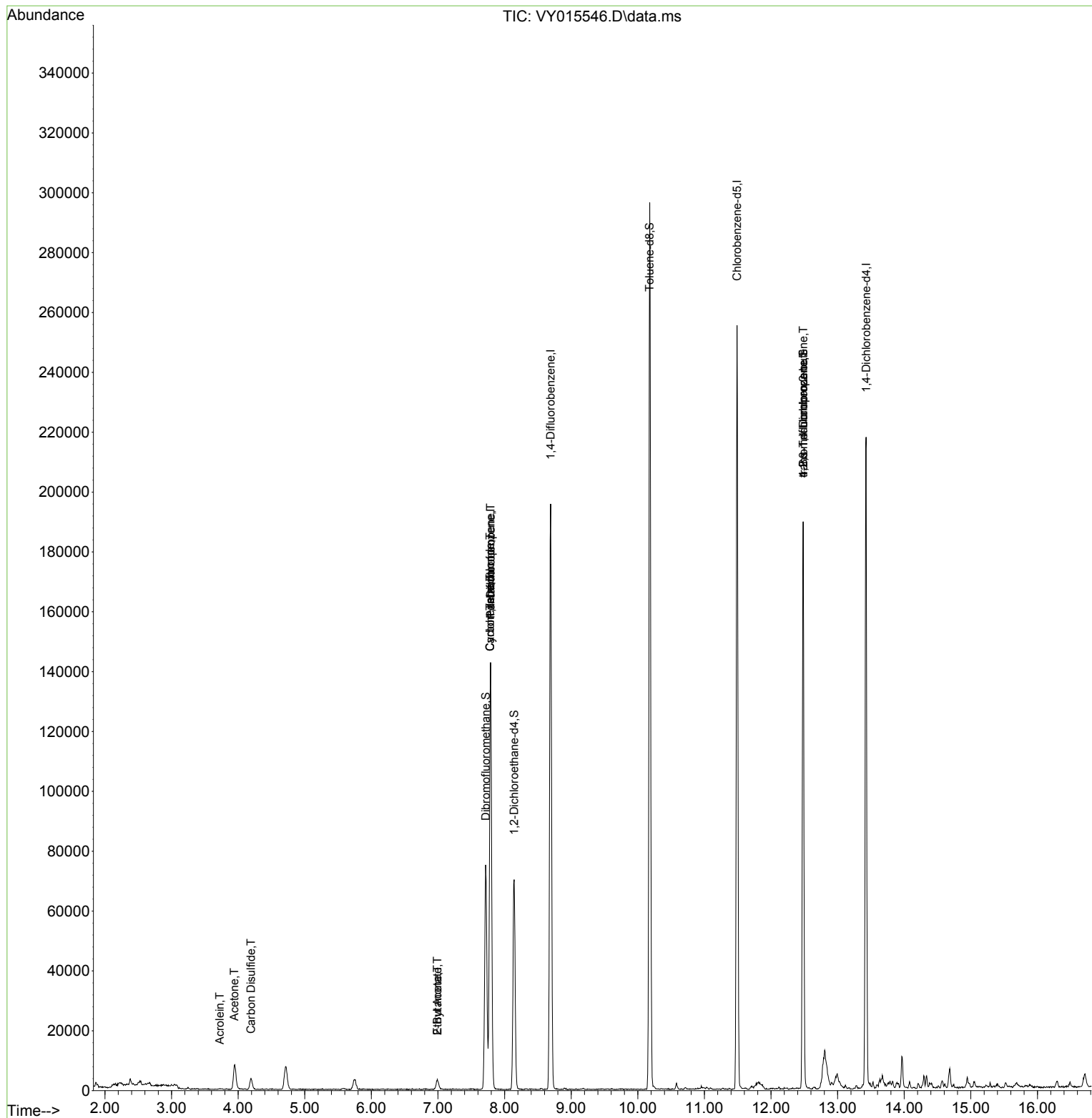
Internal Standards						
1) Pentafluorobenzene	7.789	168	111257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55837	46.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.716	113	51866	52.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.560%
50) Toluene-d8	10.179	98	196209	55.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.483	95	56372	42.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.340%
Target Compounds						
					Qvalue	
13) Acrolein	3.723	56	259	12.391	ug/l #	14
16) Acetone	3.942	43	14912	29.955	ug/l	96
17) Carbon Disulfide	4.192	76	7114	2.152	ug/l	97
20) Methylene Chloride	4.716	84	6012	Below Cal	#	84
25) 2-Butanone	6.990	43	5529	7.831	ug/l #	86
31) Cyclohexane	7.783	56	2238	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8651	5.014	ug/l #	51
37) Ethyl Acetate	6.990	43	5529	4.155	ug/l #	71
38) Carbon Tetrachloride	7.783	117	10651	5.977	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	29728	40.044	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29728	88.333	ug/l #	11

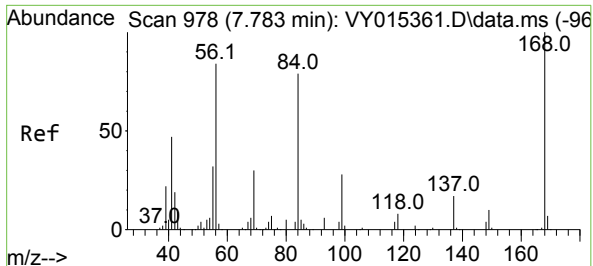
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
Data File : VY015546.D
Acq On : 14 Sep 2023 20:13
Operator : SY/MD
Sample : 04397-03
Misc : 4.58g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 15 04:06:05 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

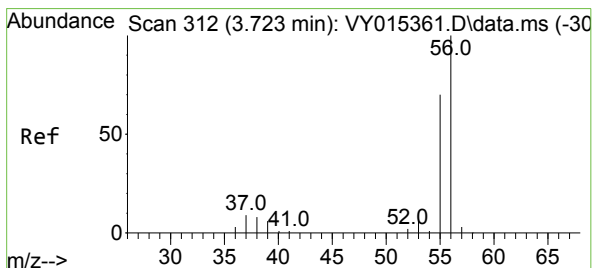
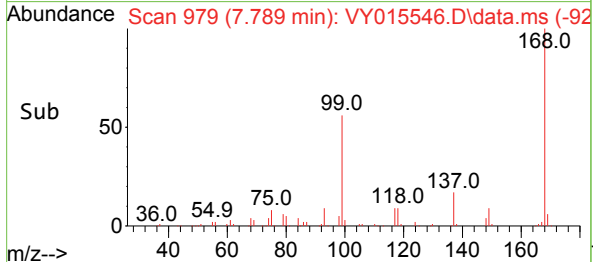
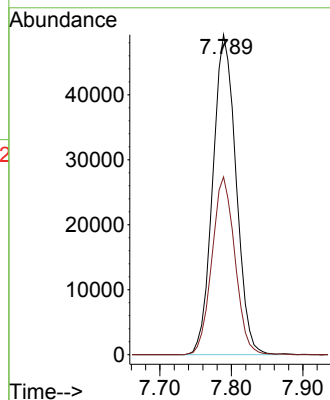
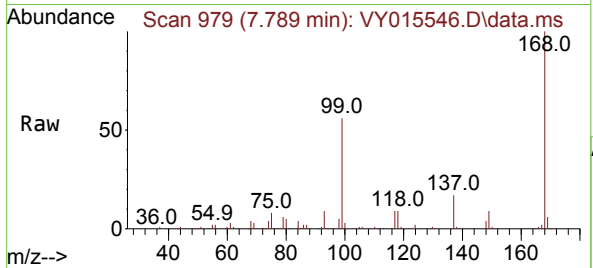




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

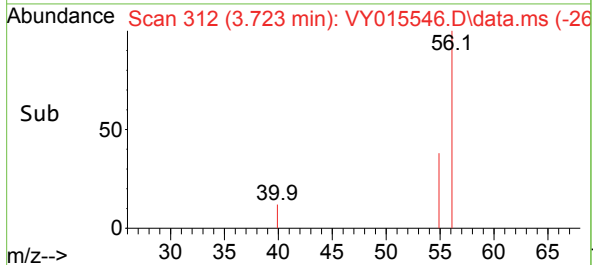
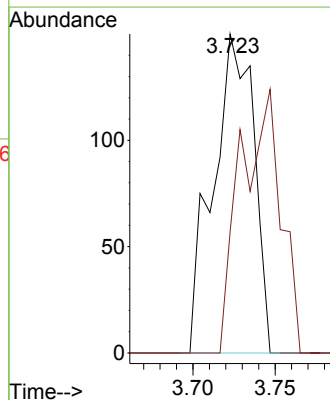
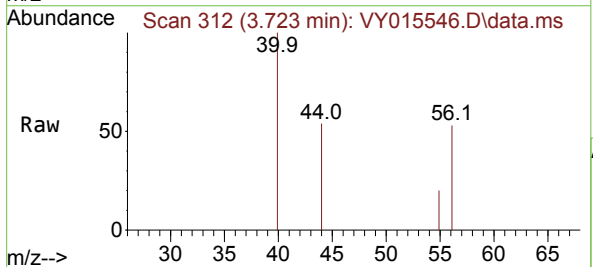
Instrument :
MSVOA_Y
ClientSampleId :

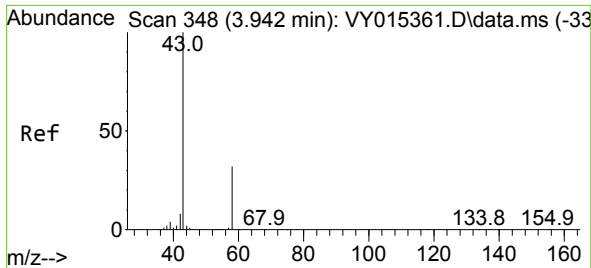
Tgt Ion:168 Resp: 111257
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#13
Acrolein
Concen: 12.391 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 29.955 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

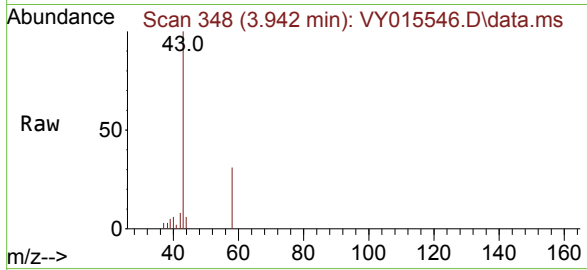
Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :

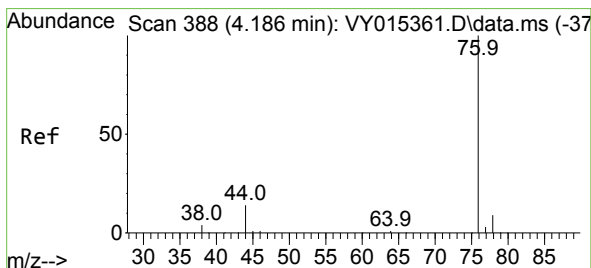
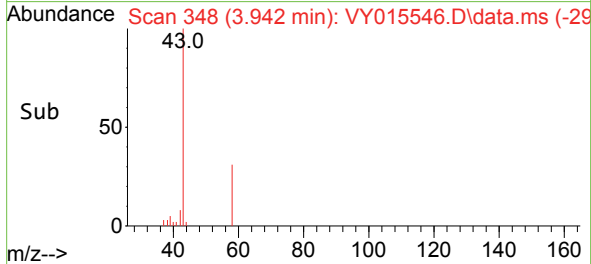
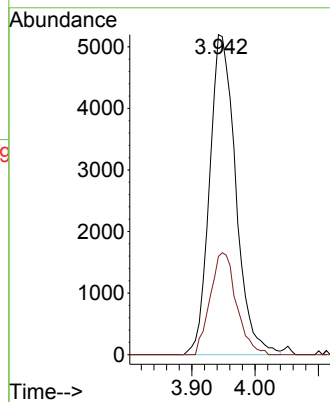


Tgt Ion: 43 Resp: 14912

Ion Ratio Lower Upper

43 100

58 30.7 22.7 34.1



#17

Carbon Disulfide

Concen: 2.152 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015546.D

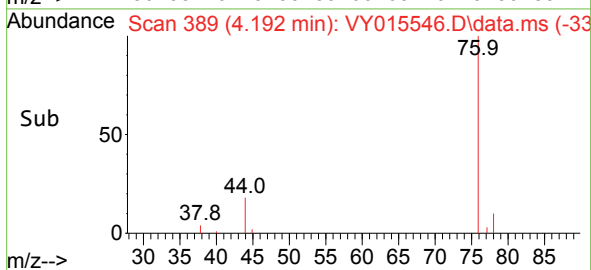
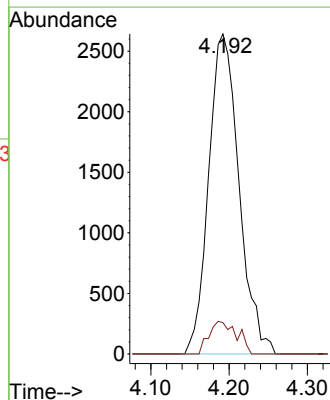
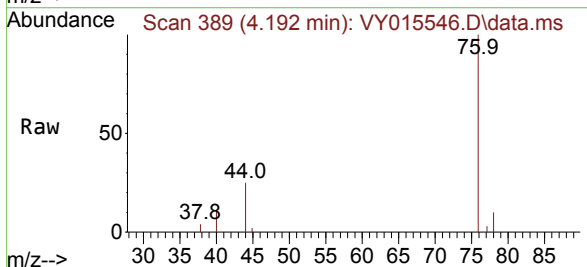
Acq: 14 Sep 2023 20:13

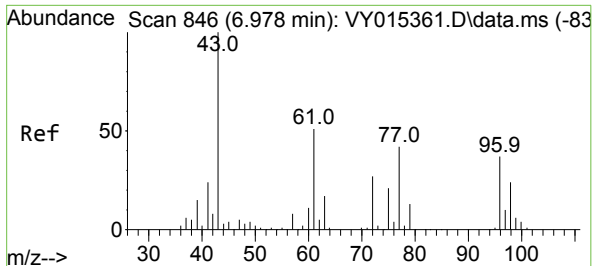
Tgt Ion: 76 Resp: 7114

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4





#25

2-Butanone

Concen: 7.831 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

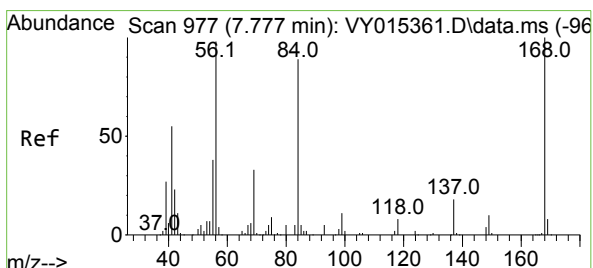
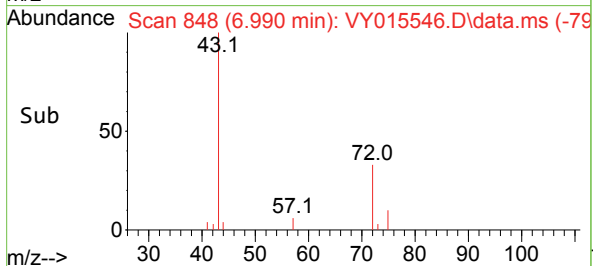
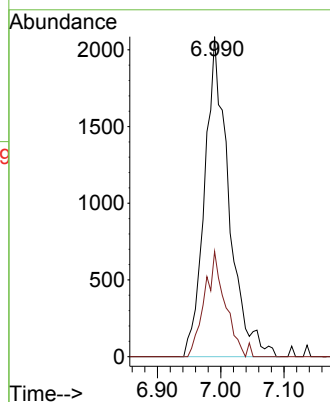
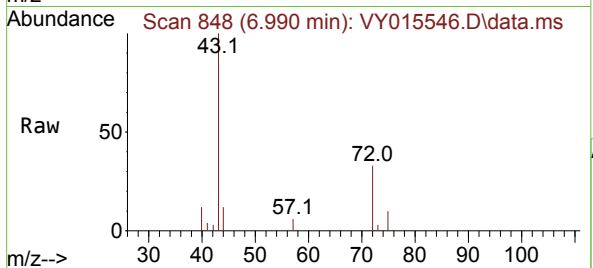
ClientSampleId :

Tgt Ion: 43 Resp: 5529

Ion Ratio Lower Upper

43 100

72 32.9 20.5 30.7#



#31

Cyclohexane

Concen: 1.056 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.000 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

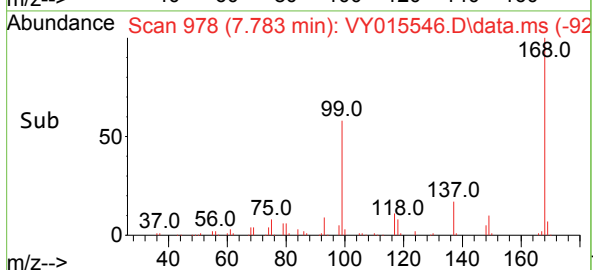
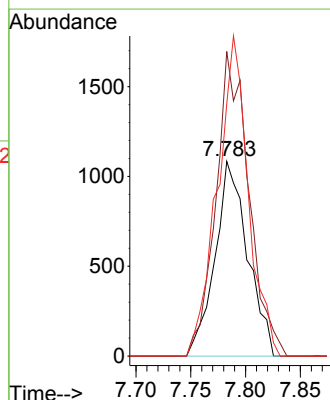
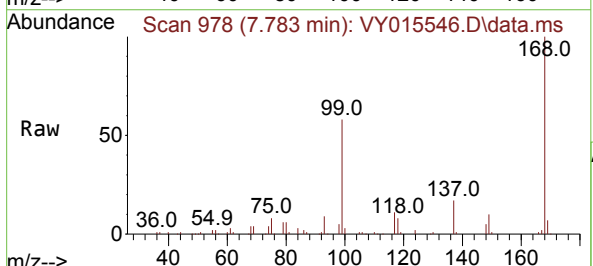
Tgt Ion: 56 Resp: 2238

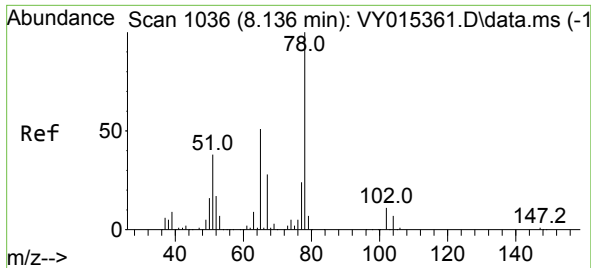
Ion Ratio Lower Upper

56 100

69 156.5 27.8 41.6#

84 129.6 66.4 99.6#

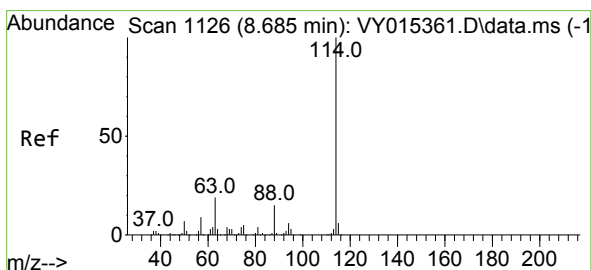
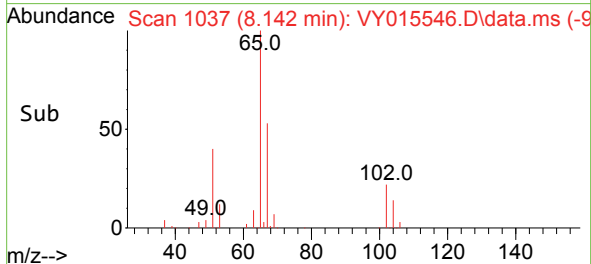
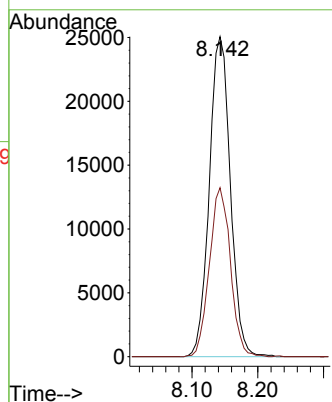
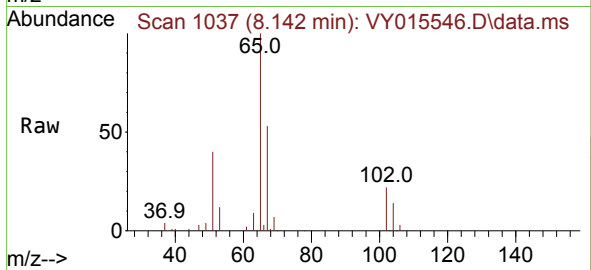




#33
 1,2-Dichloroethane-d4
 Concen: 46.817 ug/l
 RT: 8.142 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY015546.D
 Acq: 14 Sep 2023 20:13

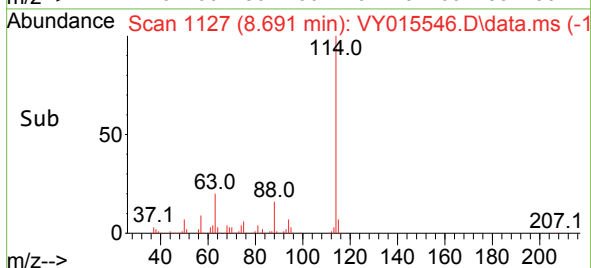
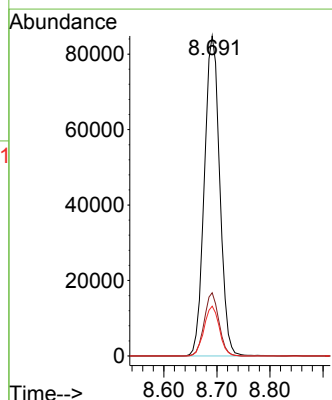
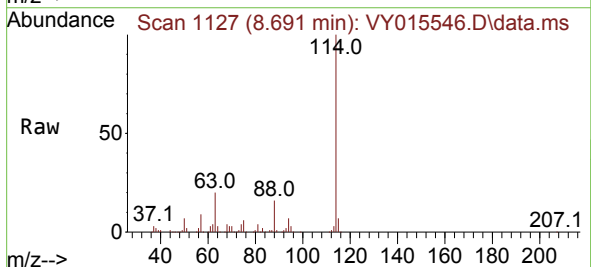
Instrument :
 MSVOA_Y
 ClientSampleId :

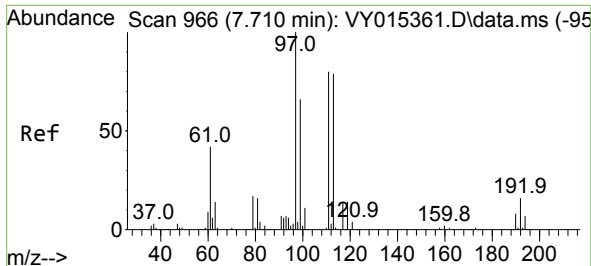
Tgt Ion: 65 Resp: 55837
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015546.D
 Acq: 14 Sep 2023 20:13

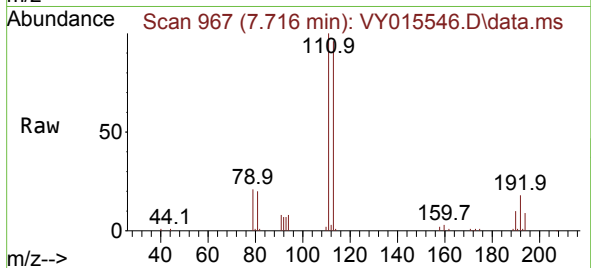
Tgt Ion:114 Resp: 170614
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.6 0.0 30.6



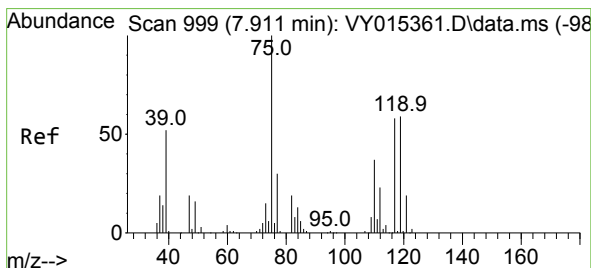
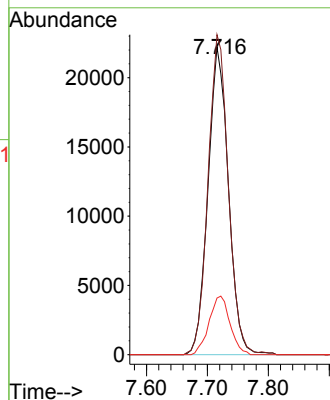
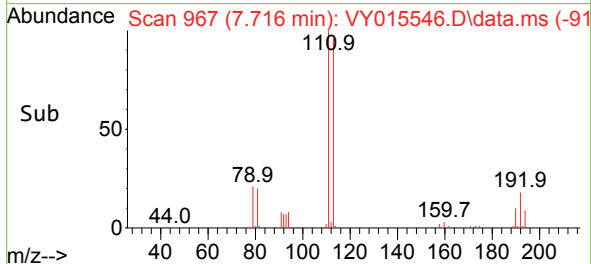


#35
Dibromofluoromethane
Concen: 52.779 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

Instrument :
MSVOA_Y
ClientSampleId :

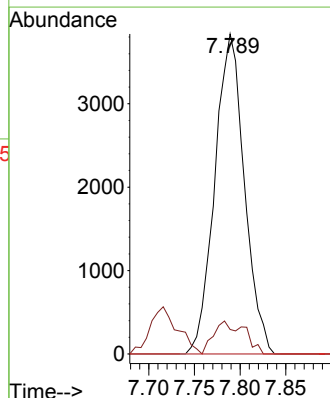
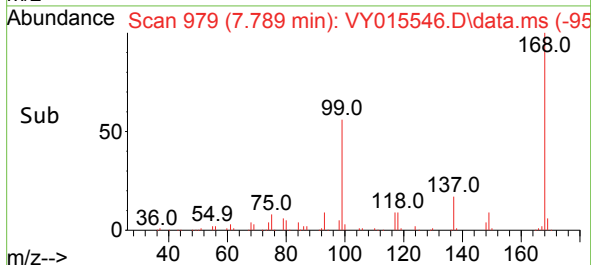
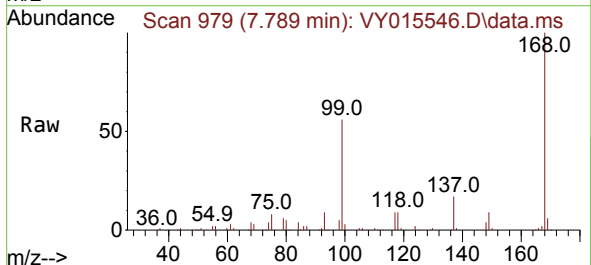


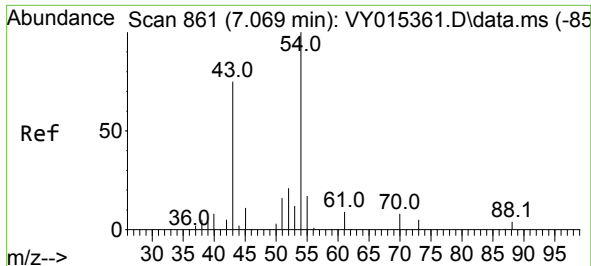
Tgt Ion:113 Resp: 51866
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015546.D
Acq: 14 Sep 2023 20:13

Tgt Ion: 75 Resp: 8651
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 4.155 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.073 min

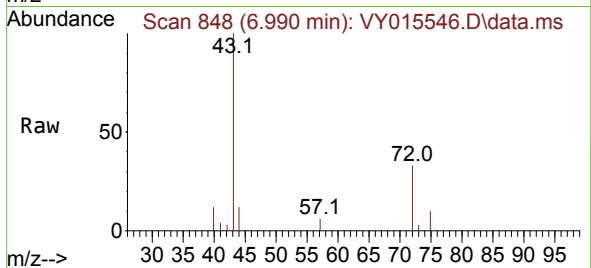
Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

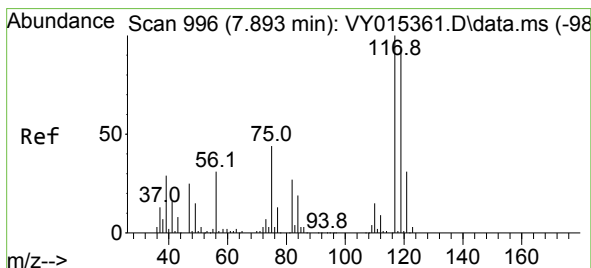
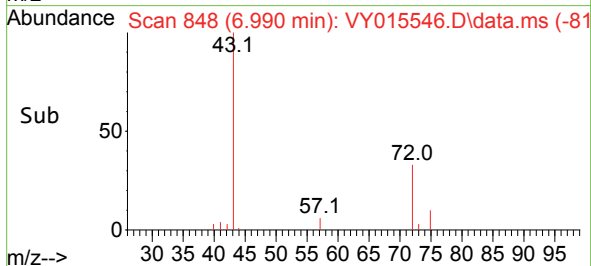
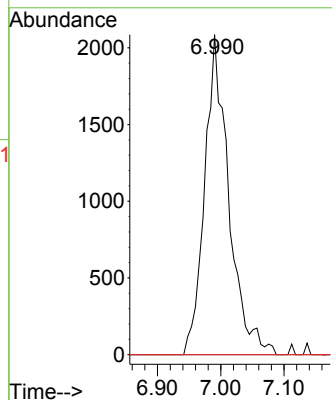
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	5529
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.977 ug/l

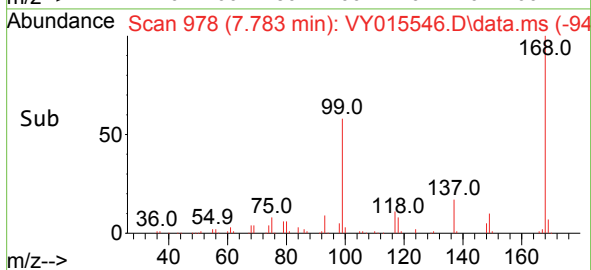
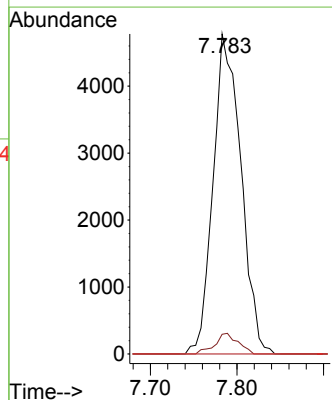
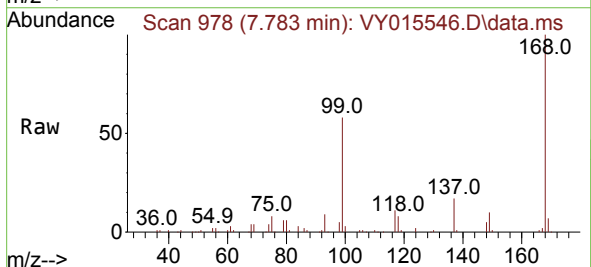
RT: 7.783 min Scan# 978

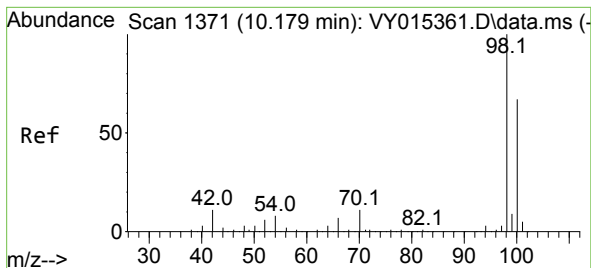
Delta R.T. -0.110 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Tgt Ion:	117	Resp:	10651
Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.4	114.6#
121	0.0	25.8	38.6#





#50

Toluene-d8

Concen: 55.135 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

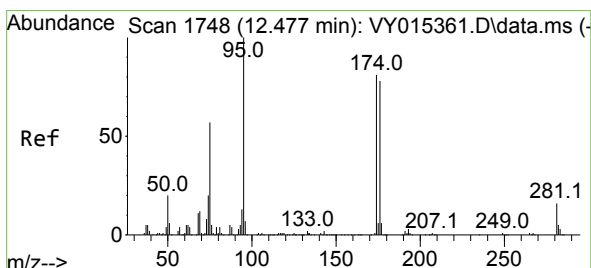
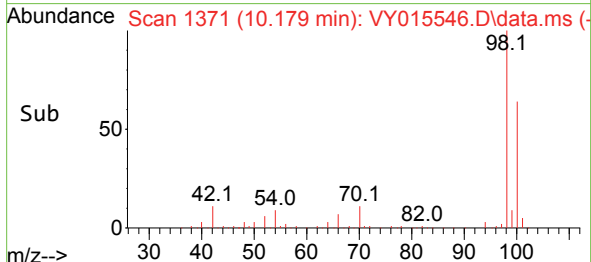
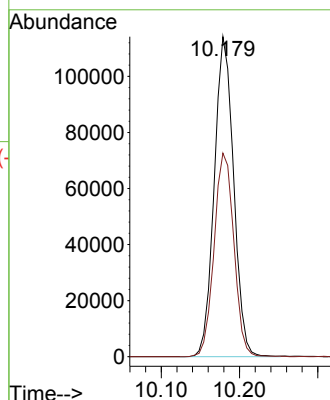
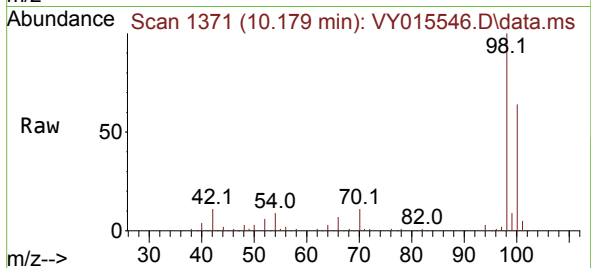
ClientSampleId :

Tgt Ion: 98 Resp: 196209

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.670 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

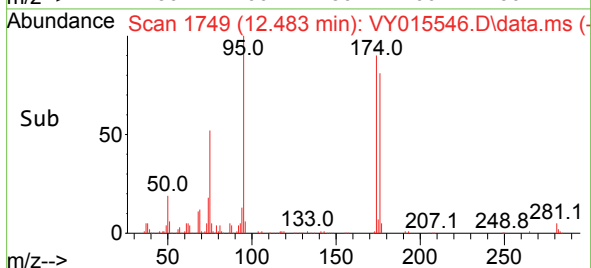
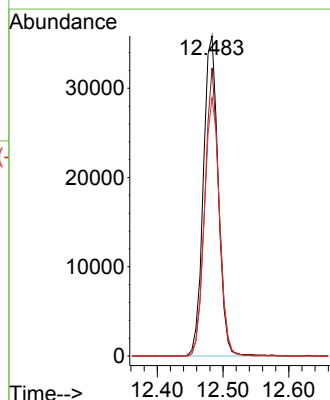
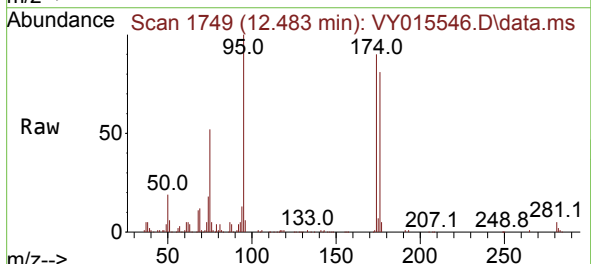
Tgt Ion: 95 Resp: 56372

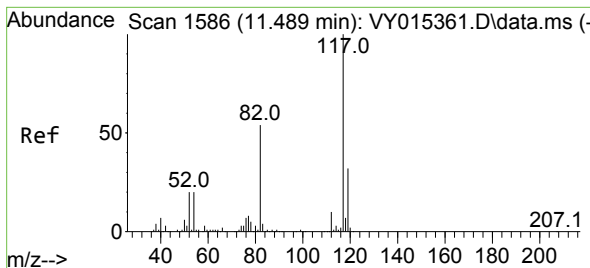
Ion Ratio Lower Upper

95 100

174 85.4 0.0 178.2

176 81.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

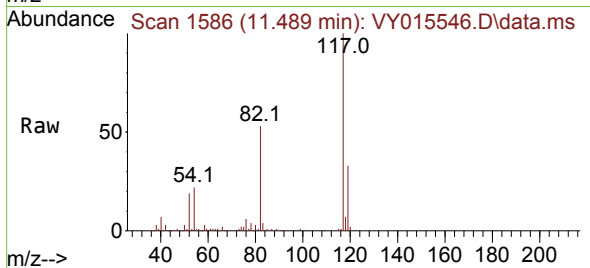
Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

ClientSampleId :



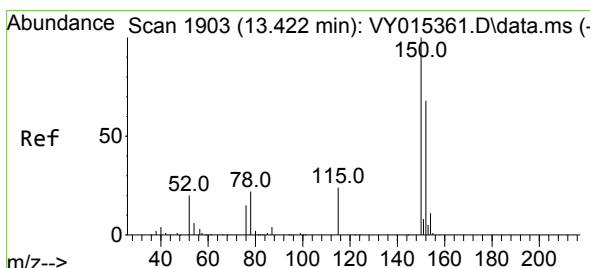
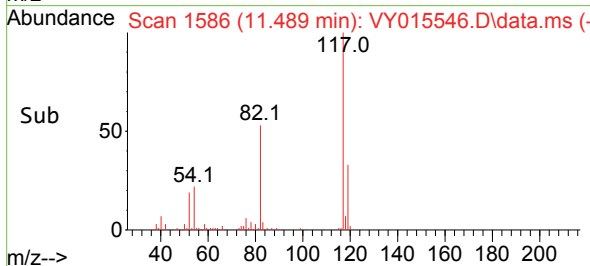
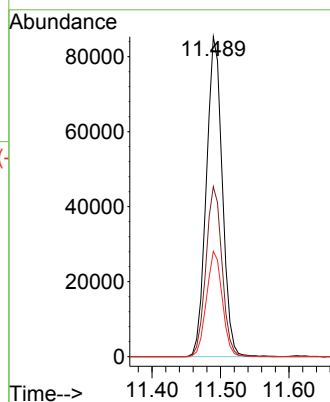
Tgt Ion:117 Resp: 138602

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

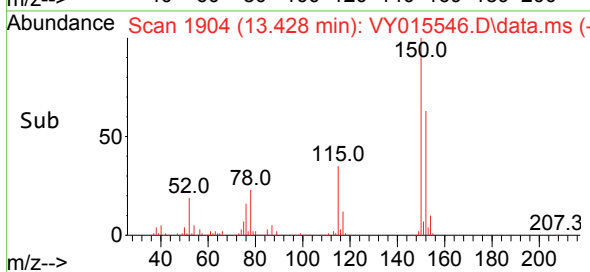
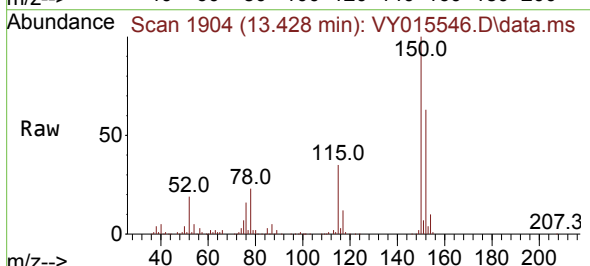
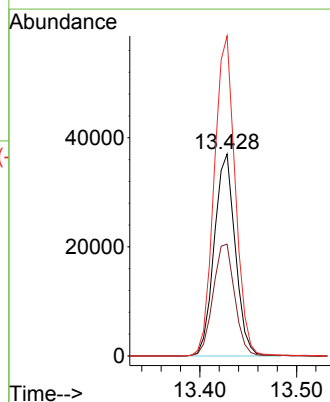
Tgt Ion:152 Resp: 55982

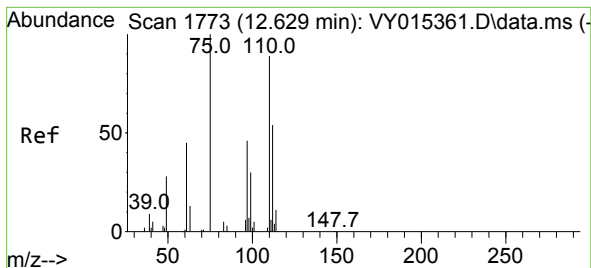
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 158.7 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 40.044 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Instrument :

MSVOA_Y

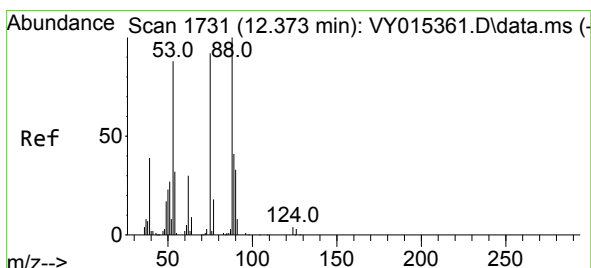
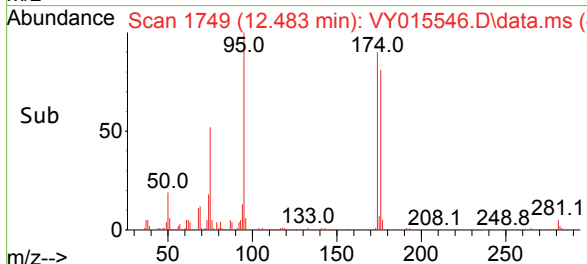
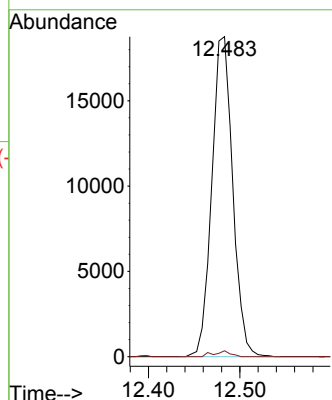
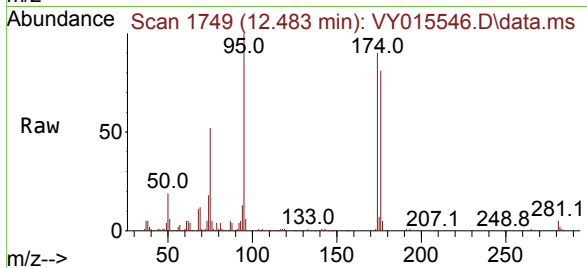
ClientSampleId :

Tgt Ion: 75 Resp: 29728

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.333 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015546.D

Acq: 14 Sep 2023 20:13

Tgt Ion: 75 Resp: 29728

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

