

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015505.D
 Acq On : 12 Sep 2023 12:45
 Operator : SY/MD
 Sample : VY0912SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:52:11 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)

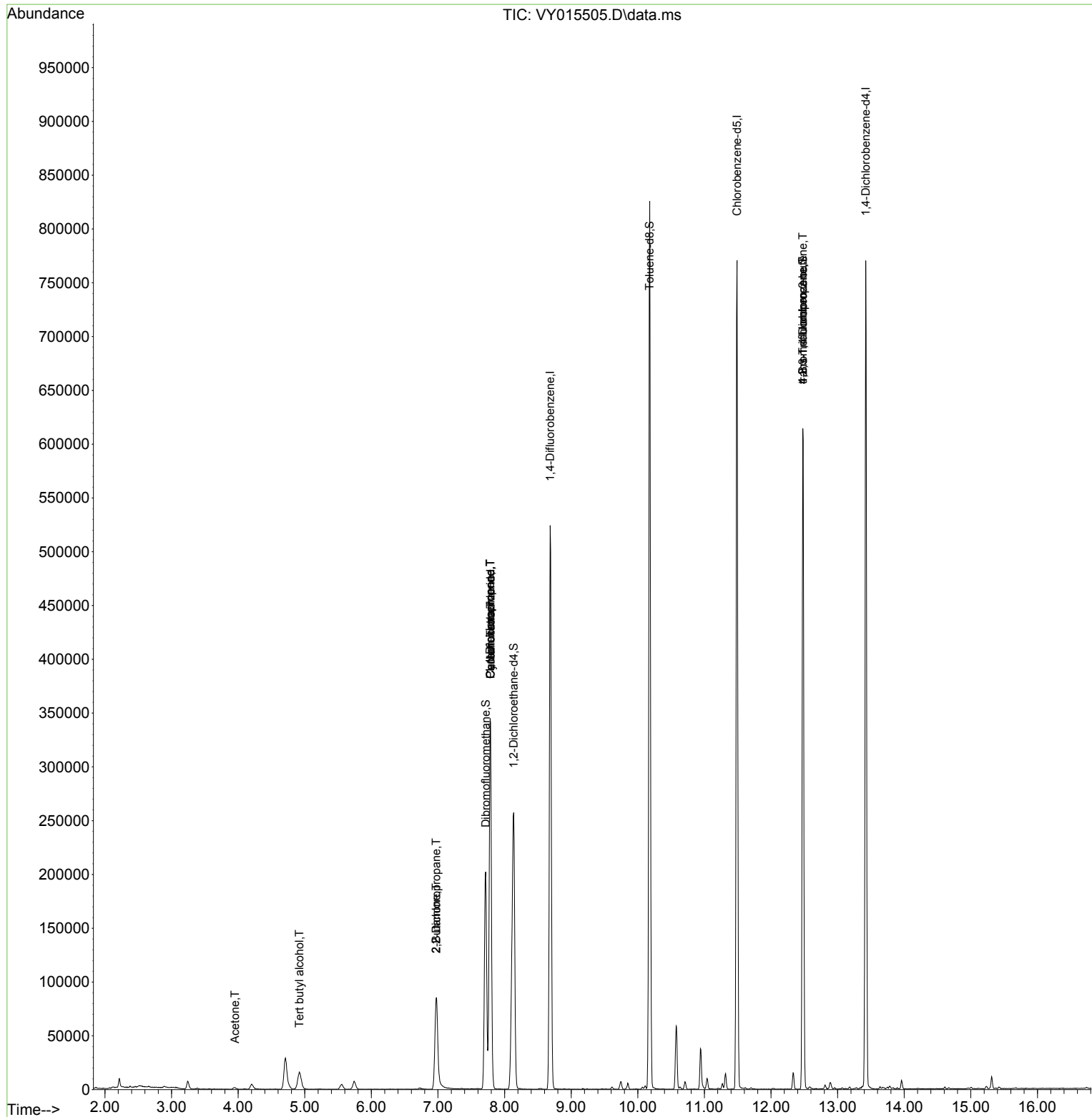
Internal Standards						
1) Pentafluorobenzene	7.789	168	275014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	456786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	167541	56.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.660%	
35) Dibromofluoromethane	7.716	113	144455	54.905	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.179	98	532313	55.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.740%	
62) 4-Bromofluorobenzene	12.477	95	182849	51.695	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.400%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	16243	8.505	ug/l #	92
16) Acetone	3.954	43	3019	2.453	ug/l #	84
20) Methylene Chloride	4.710	84	21656	Below Cal		86
25) 2-Butanone	6.972	43	5113	2.930	ug/l #	73
26) 2,2-Dichloropropane	6.972	77	6742	1.442	ug/l #	54
31) Cyclohexane	7.789	56	5544	1.059	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	20885	4.521	ug/l #	51
38) Carbon Tetrachloride	7.789	117	26867	5.631	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	98735	37.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	98735	83.187	ug/l #	11

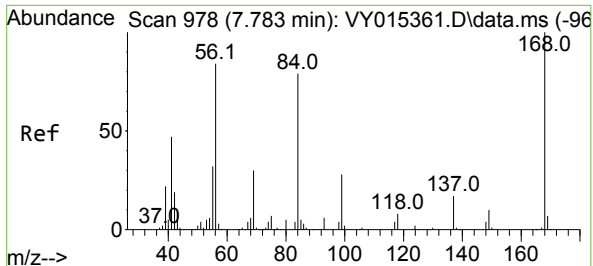
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 13 05:52:11 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

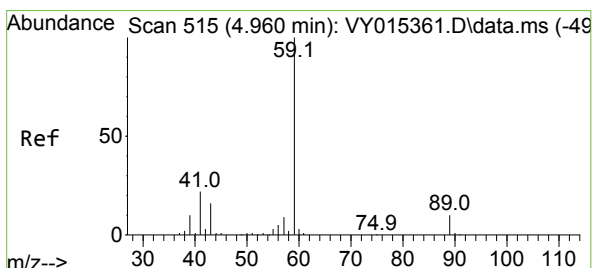
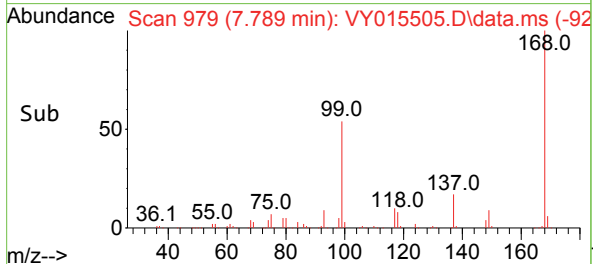
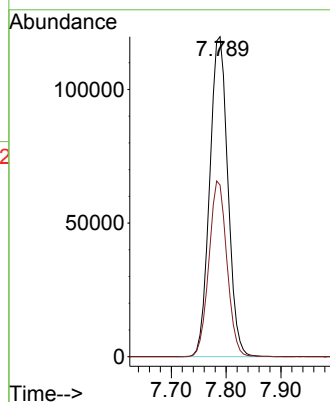
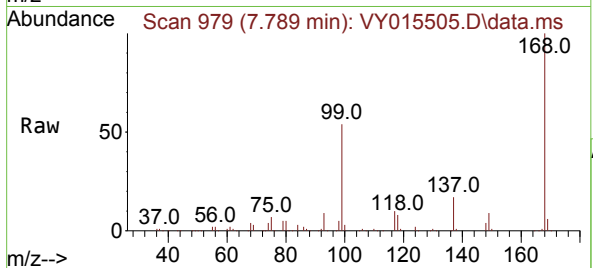




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

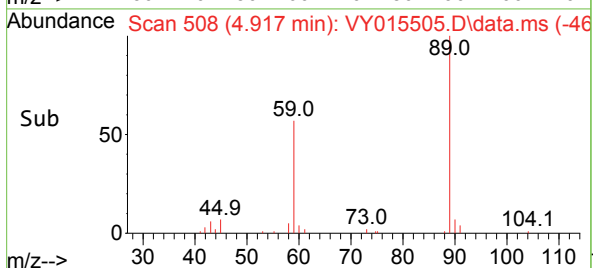
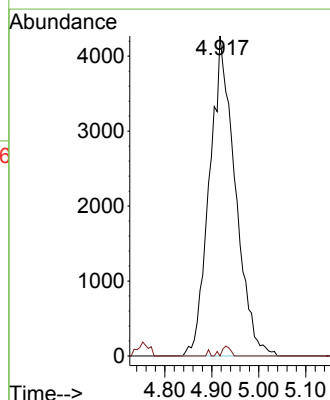
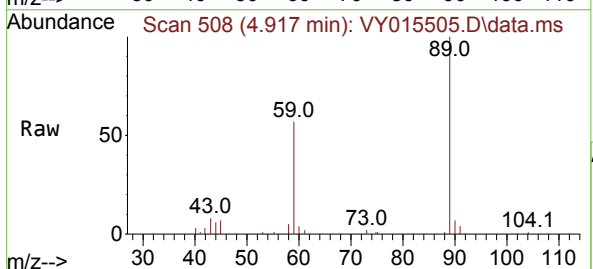
Instrument :
MSVOA_Y
ClientSampleId :

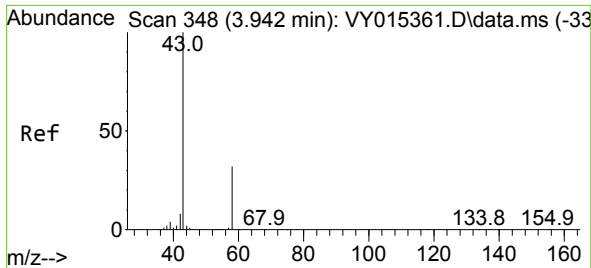
Tgt Ion:168 Resp: 275014
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.505 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

Tgt Ion: 59 Resp: 16243
Ion Ratio Lower Upper
59 100
57 1.0 3.0 4.4#





#16

Acetone

Concen: 2.453 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY015505.D

Acq: 12 Sep 2023 12:45

Instrument :

MSVOA_Y

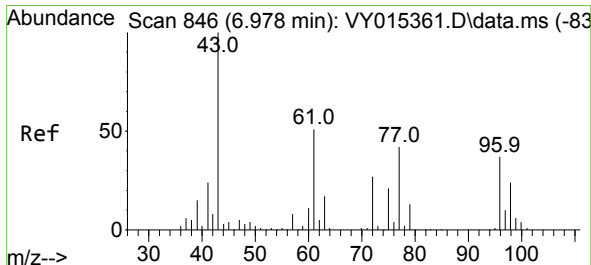
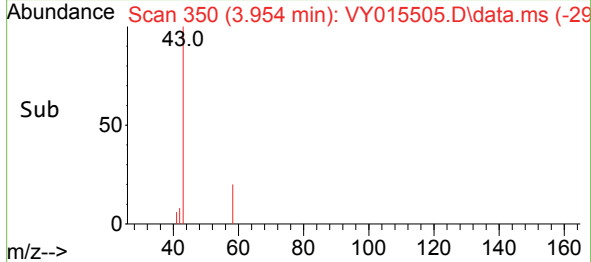
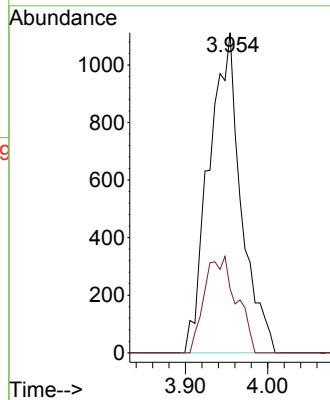
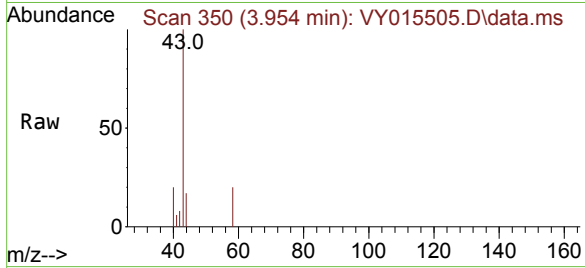
ClientSampleId :

Tgt Ion: 43 Resp: 3019

Ion Ratio Lower Upper

43 100

58 20.0 22.7 34.1#



#25

2-Butanone

Concen: 2.930 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY015505.D

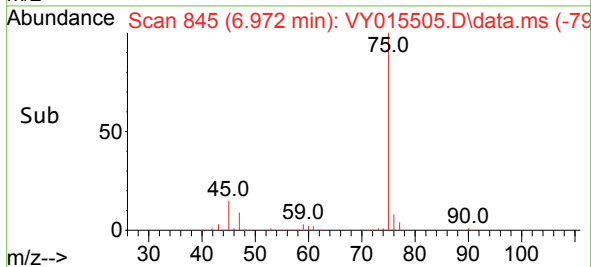
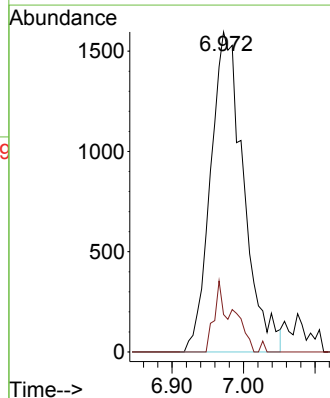
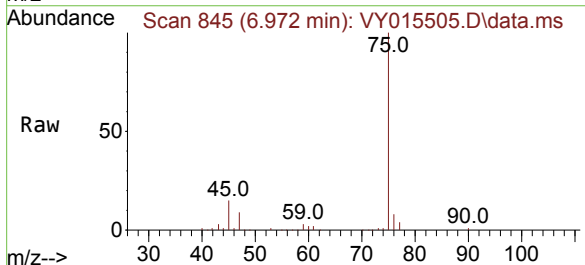
Acq: 12 Sep 2023 12:45

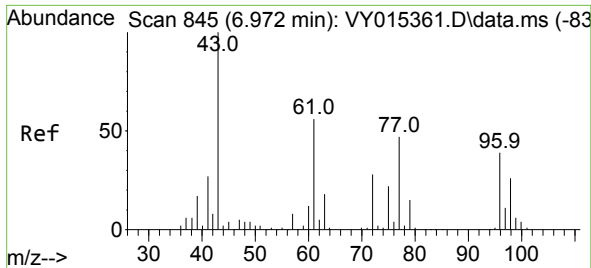
Tgt Ion: 43 Resp: 5113

Ion Ratio Lower Upper

43 100

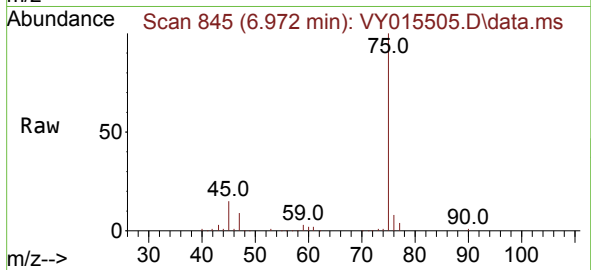
72 11.7 20.5 30.7#



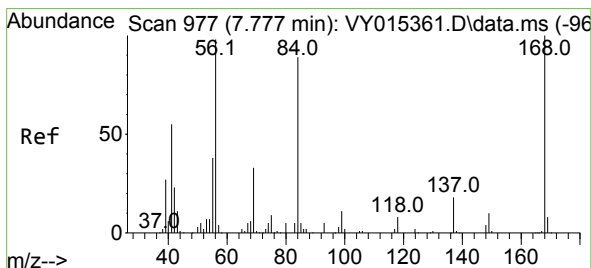
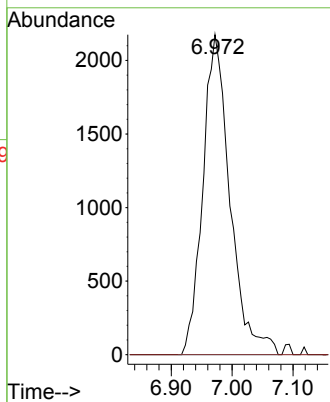
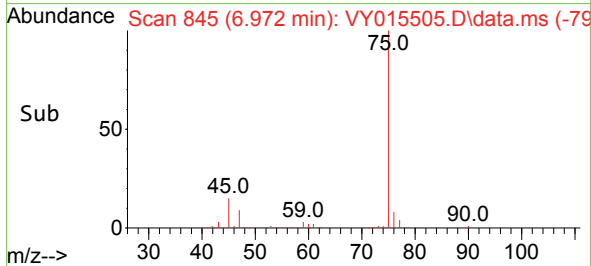


#26
2,2-Dichloropropane
Concen: 1.442 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

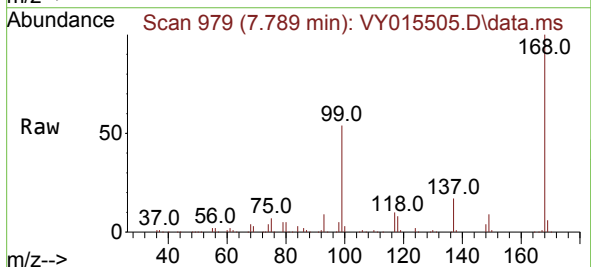
Instrument :
MSVOA_Y
ClientSampleId :



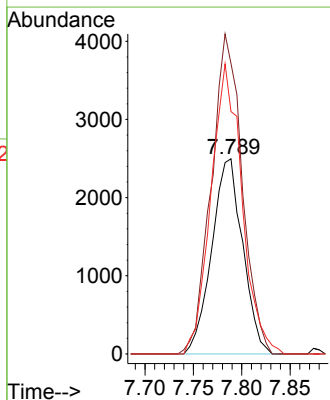
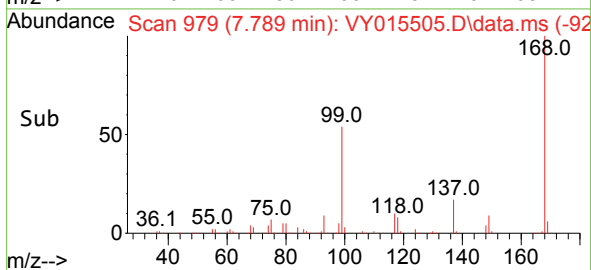
Tgt Ion: 77 Resp: 6742
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

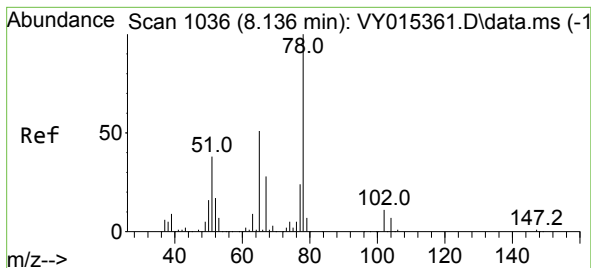


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45



Tgt Ion: 56 Resp: 5544
Ion Ratio Lower Upper
56 100
69 148.8 27.8 41.6#
84 124.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 56.830 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015505.D

Acq: 12 Sep 2023 12:45

Instrument :

MSVOA_Y

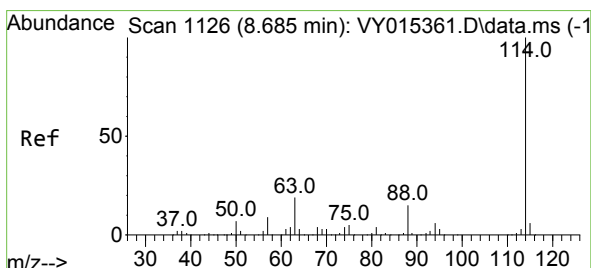
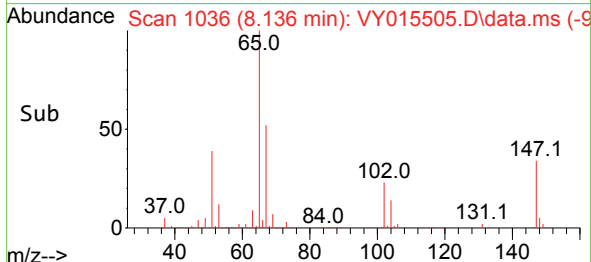
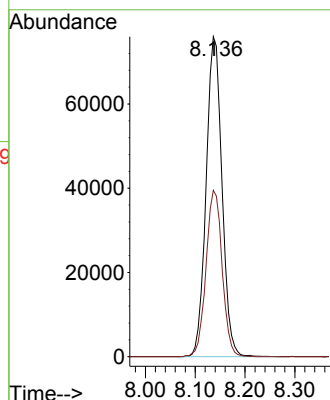
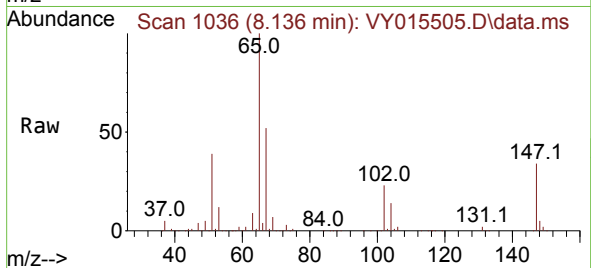
ClientSampleId :

Tgt Ion: 65 Resp: 167541

Ion Ratio Lower Upper

65 100

67 52.9 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: VY015505.D

Acq: 12 Sep 2023 12:45

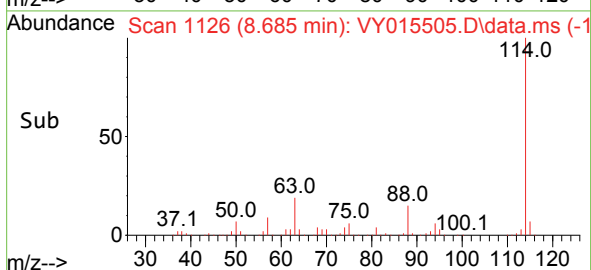
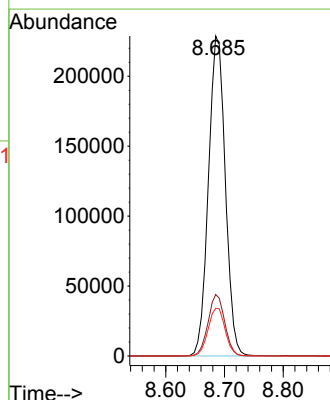
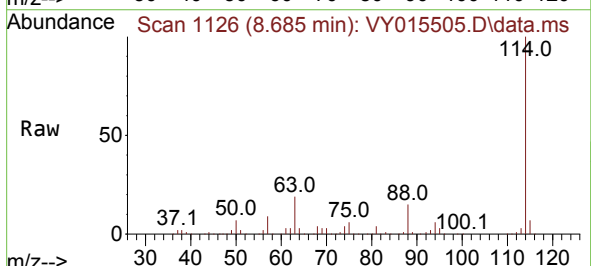
Tgt Ion: 114 Resp: 456786

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.905 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

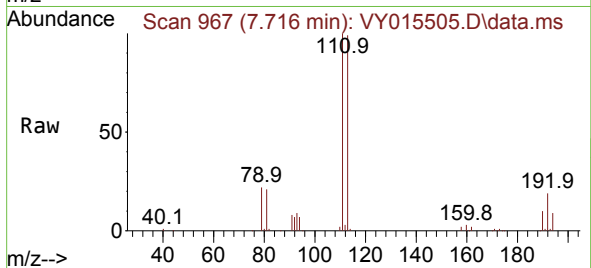
Lab File: VY015505.D

Acq: 12 Sep 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :



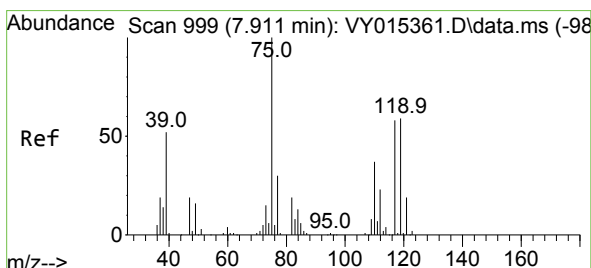
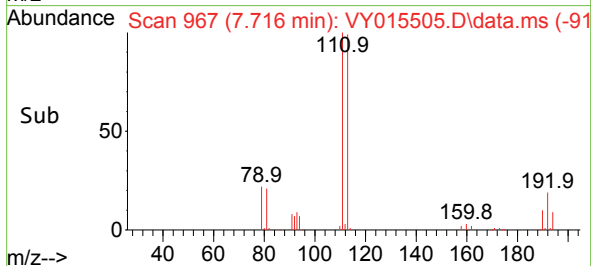
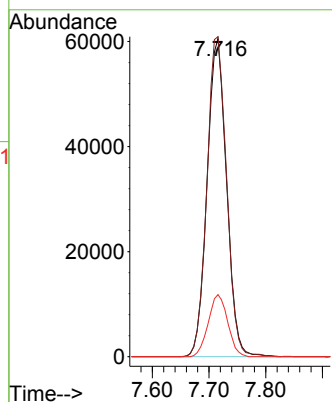
Tgt Ion:113 Resp: 144455

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.521 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY015505.D

Acq: 12 Sep 2023 12:45

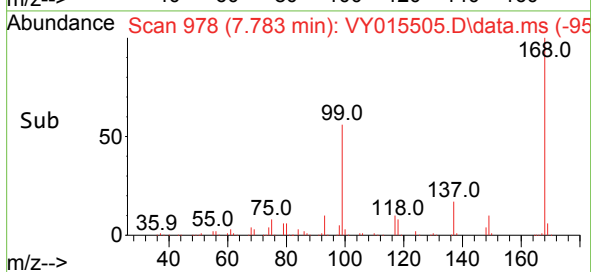
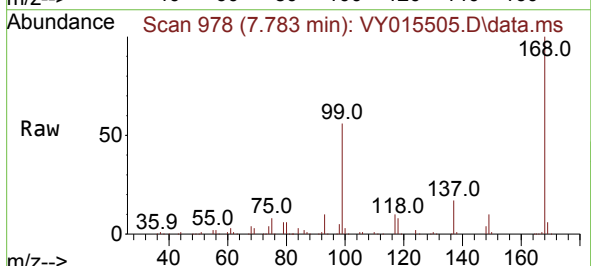
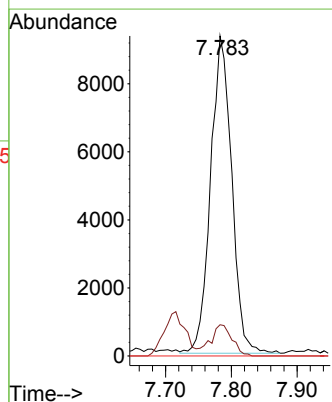
Tgt Ion: 75 Resp: 20885

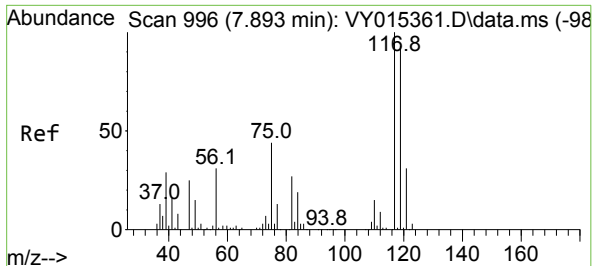
Ion Ratio Lower Upper

75 100

110 10.1 17.8 53.5#

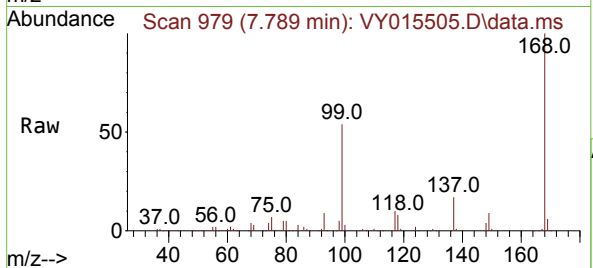
77 0.0 24.4 36.6#



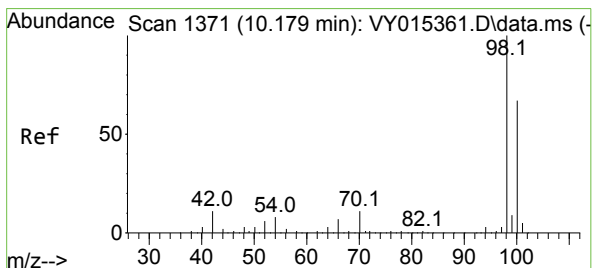
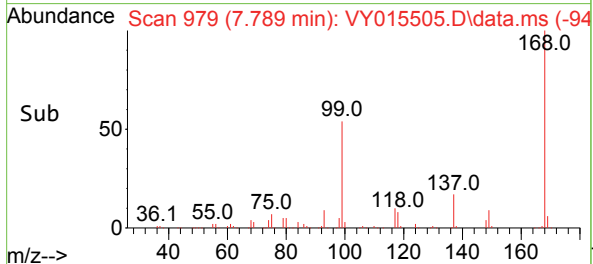
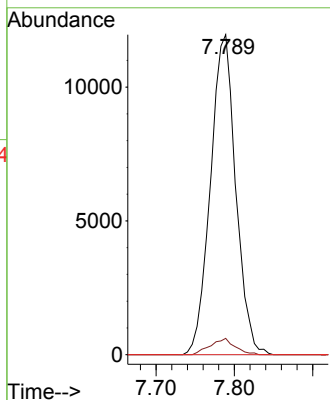


#38
Carbon Tetrachloride
Concen: 5.631 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :

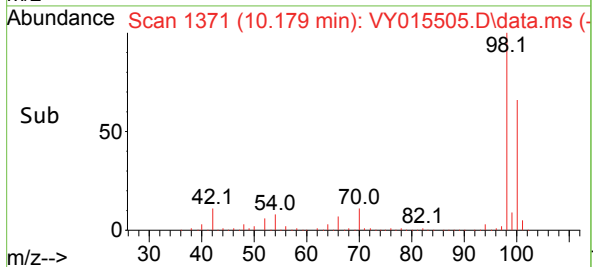
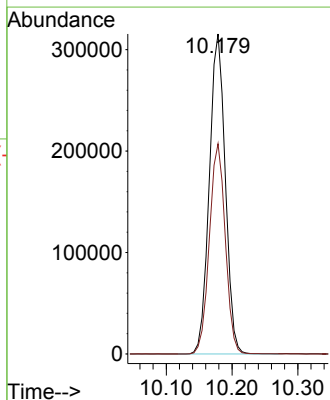
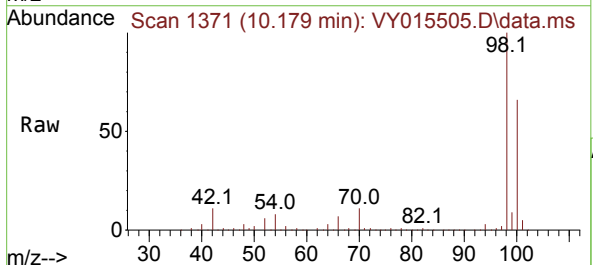


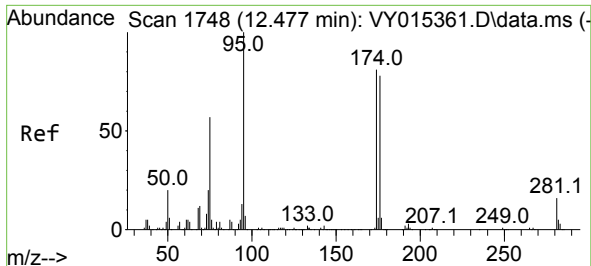
Tgt Ion:117 Resp: 26867
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.869 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

Tgt Ion: 98 Resp: 532313
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

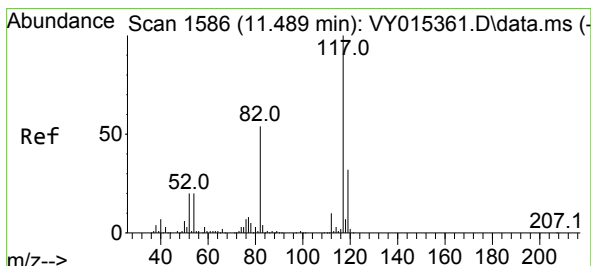
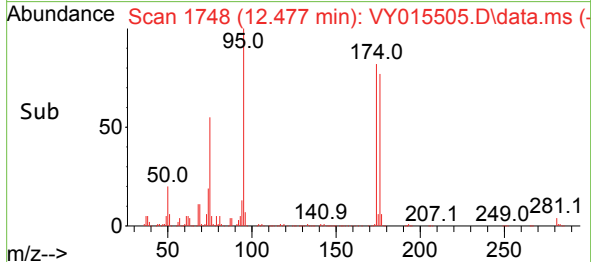
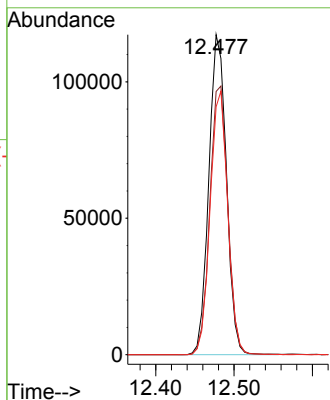
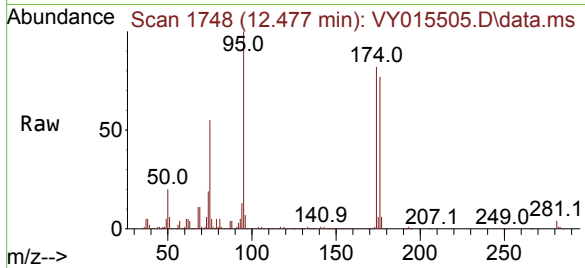




#62
4-Bromofluorobenzene
Concen: 51.695 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

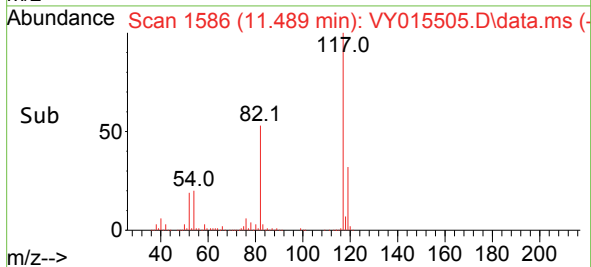
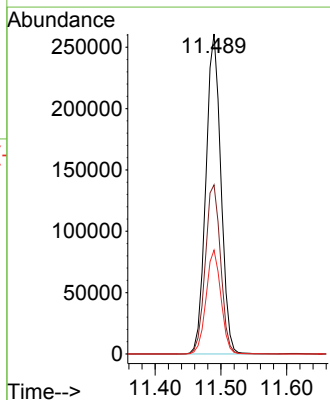
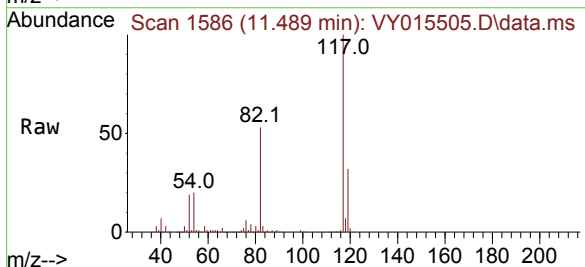
Instrument :
MSVOA_Y
ClientSampleId :

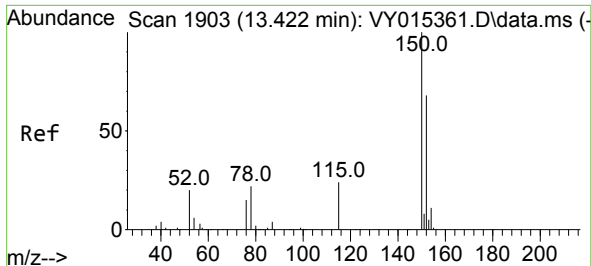
Tgt Ion: 95 Resp: 182849
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015505.D
Acq: 12 Sep 2023 12:45

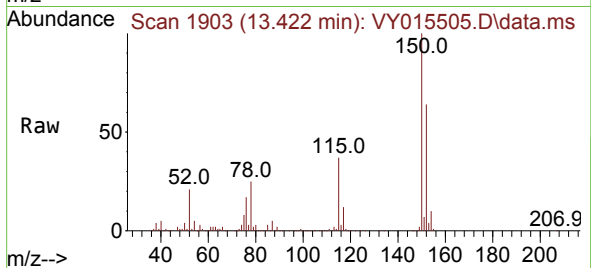
Tgt Ion: 117 Resp: 414472
Ion Ratio Lower Upper
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82 52.8 43.4 65.0
119 32.5 26.3 39.5



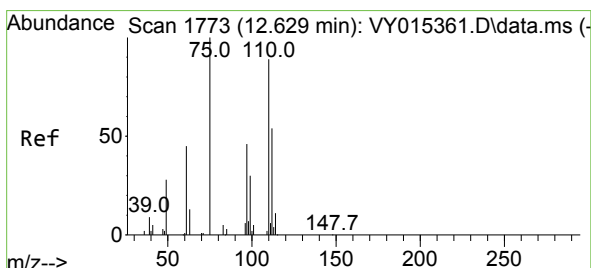
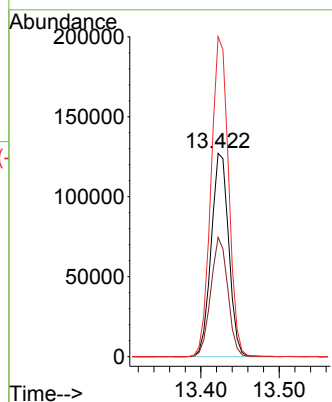
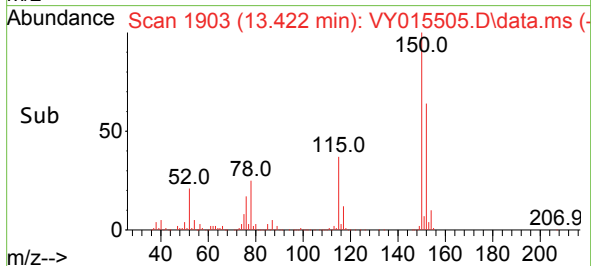


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015505.D
 Acq: 12 Sep 2023 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :

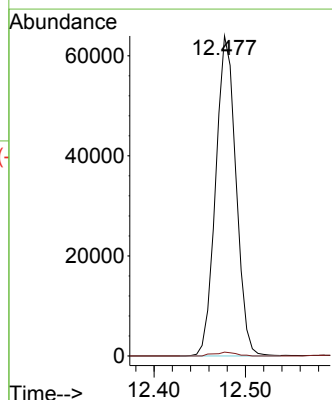
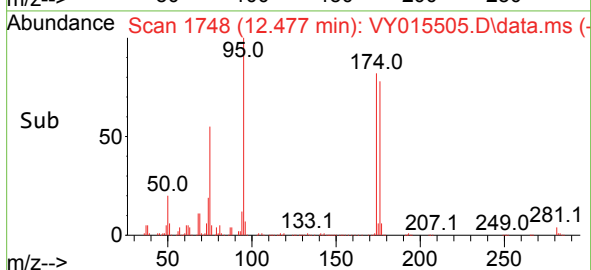
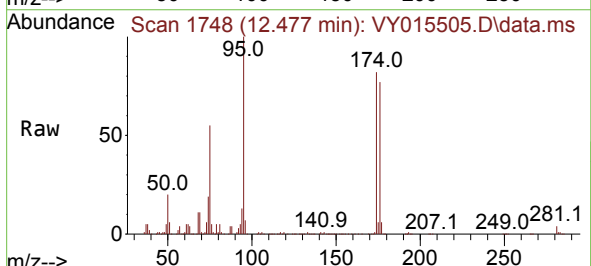


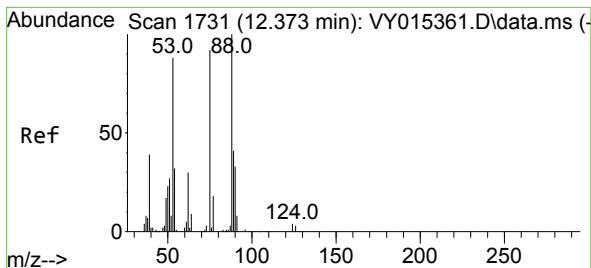
Tgt Ion:152 Resp: 197435
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 157.4 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.711 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015505.D
 Acq: 12 Sep 2023 12:45

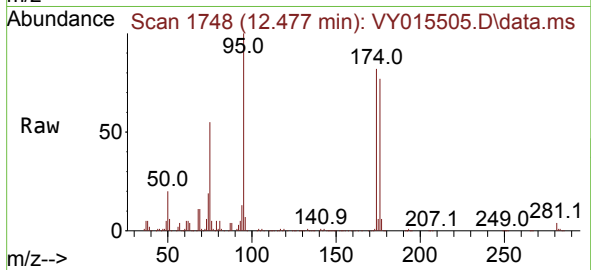
Tgt Ion: 75 Resp: 98735
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.187 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015505.D
 Acq: 12 Sep 2023 12:45

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#

