

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017037.D
 Acq On : 18 Jan 2024 14:10
 Operator : SY/MD
 Sample : P1169-06
 Misc : 2.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

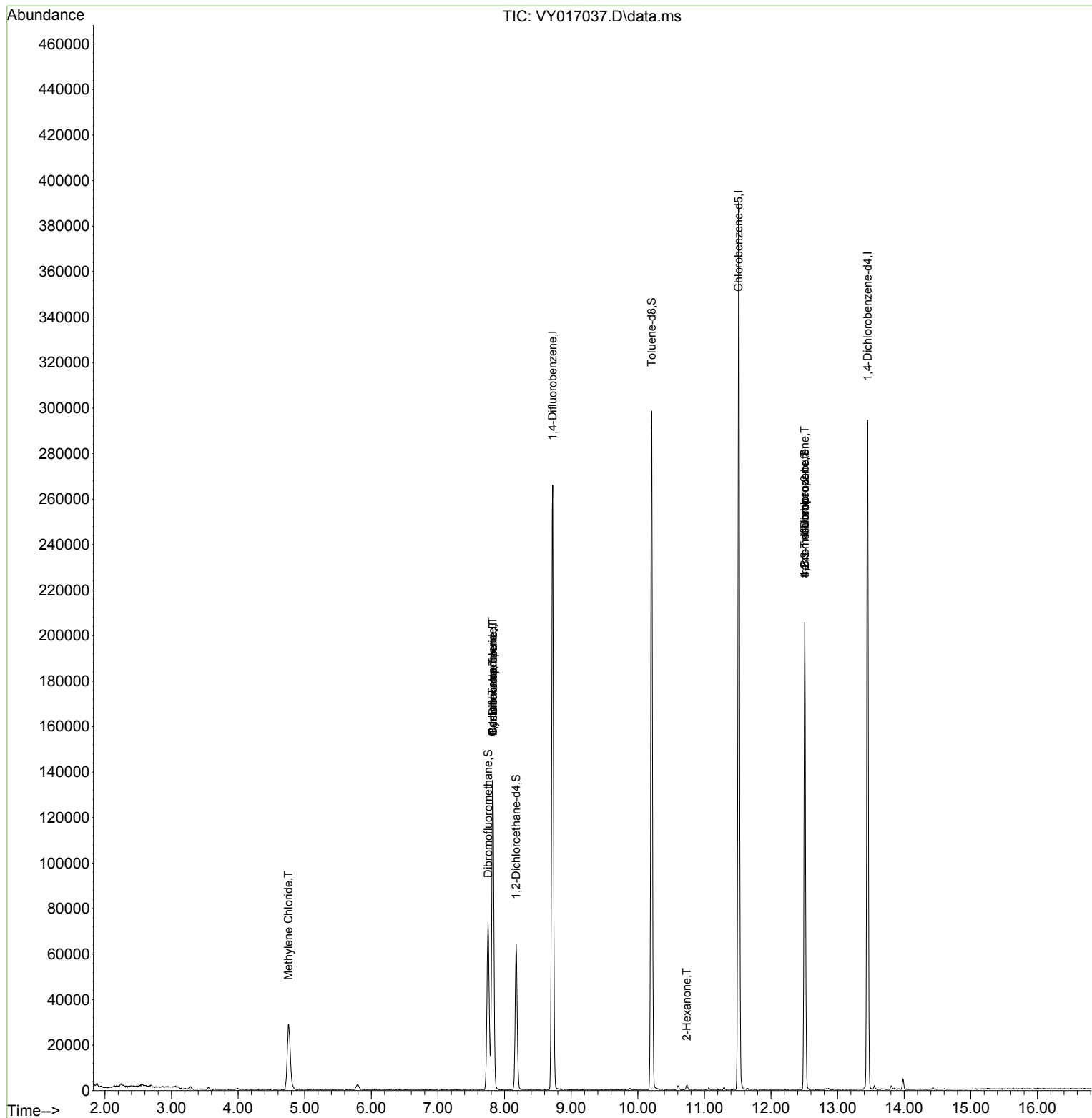
Internal Standards						
1) Pentafluorobenzene	7.826	168	104119	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	226279	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	213526	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	76003	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	47278	45.942	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.752	113	53284	36.953	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.900%
50) Toluene-d8	10.209	98	195569	39.387	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.780%
62) 4-Bromofluorobenzene	12.508	95	58402	34.862	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	18	Below Cal	#	75
16) Acetone	3.997	43	788	Below Cal		98
20) Methylene Chloride	4.753	84	22259	10.869	ug/l	97
31) Cyclohexane	7.826	56	2333	1.321	ug/l #	1
36) 1,1-Dichloropropene	7.826	75	8842	4.208	ug/l #	50
38) Carbon Tetrachloride	7.820	117	10770	5.044	ug/l #	16
59) 2-Hexanone	10.734	43	748	1.045	ug/l #	23
76) 1,2,3-Trichloropropane	12.508	75	31089	37.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	31089	85.594	ug/l #	12

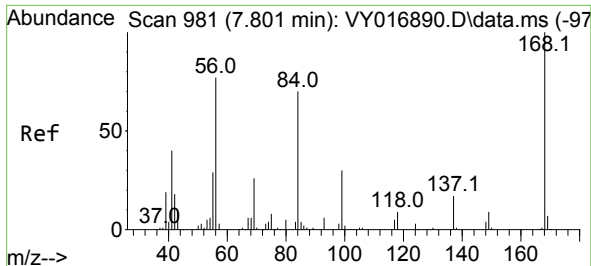
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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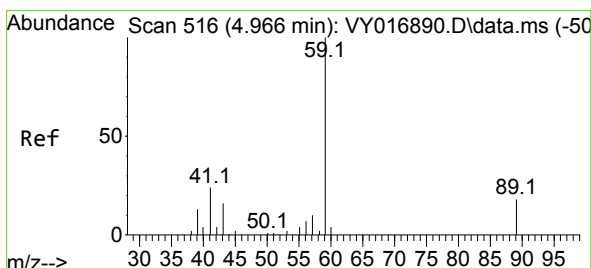
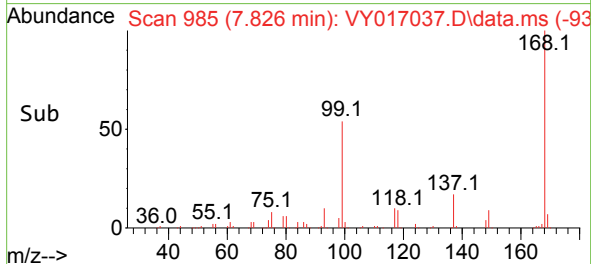
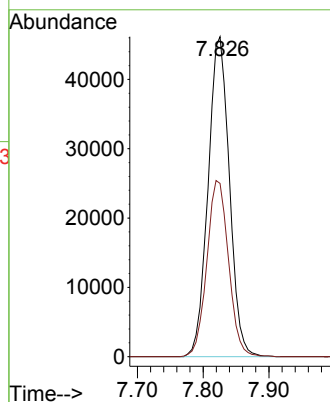
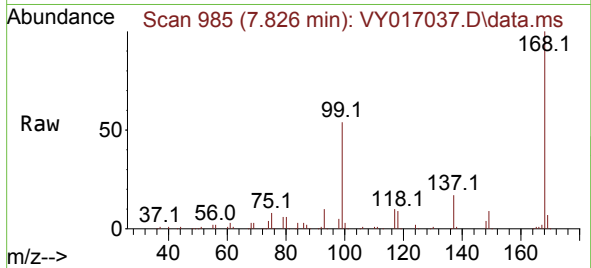




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

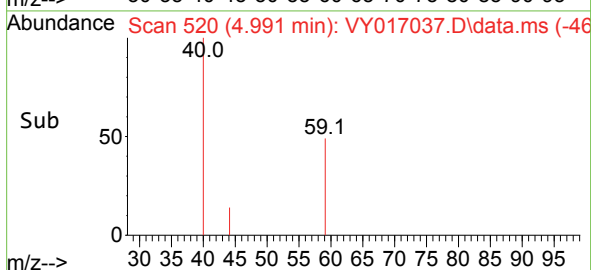
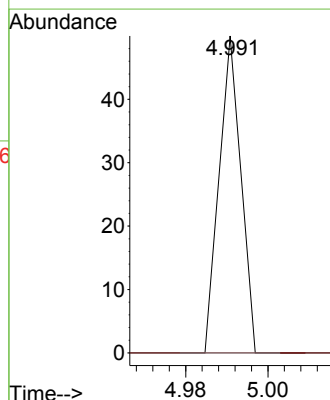
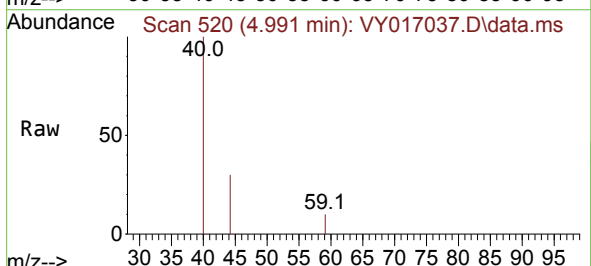
Instrument :
MSVOA_Y
ClientSampleId :

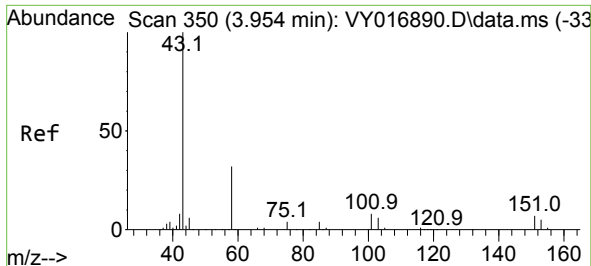
Tgt Ion:168 Resp: 104119
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.991 min Scan# 520
Delta R.T. 0.025 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 59 Resp: 18
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.997 min Scan# 3

Delta R.T. 0.037 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

Instrument :

MSVOA_Y

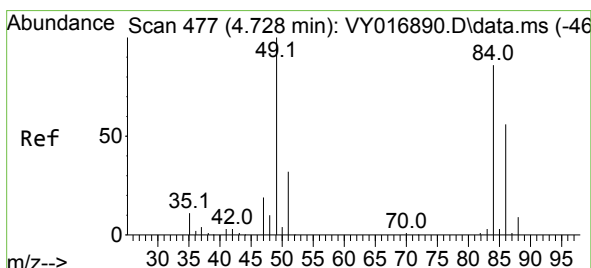
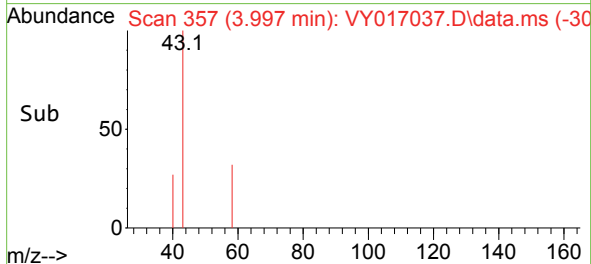
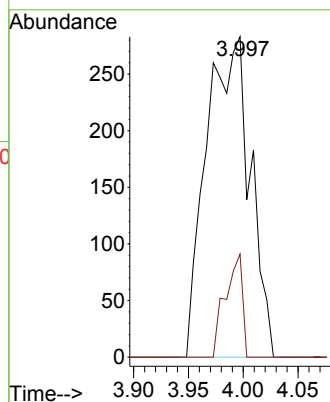
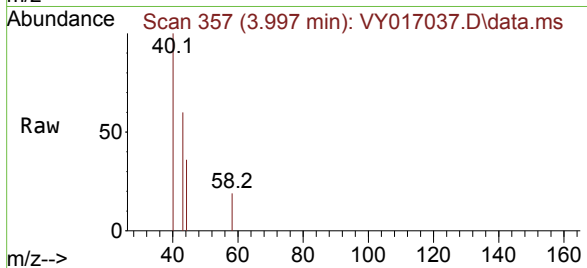
ClientSampleId :

Tgt Ion: 43 Resp: 788

Ion Ratio Lower Upper

43 100

58 32.2 26.6 39.8



#20

Methylene Chloride

Concen: 10.869 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.019 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

Tgt Ion: 84 Resp: 22259

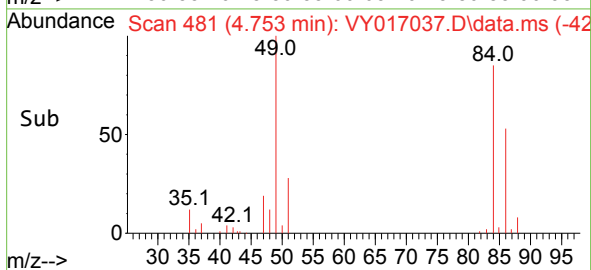
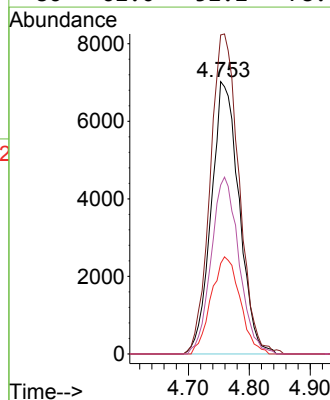
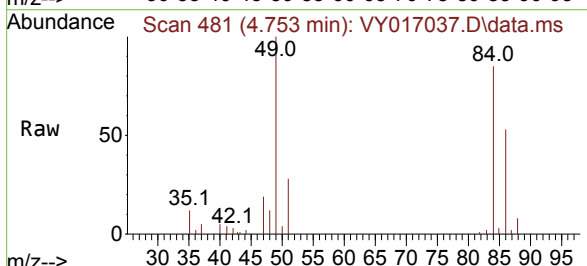
Ion Ratio Lower Upper

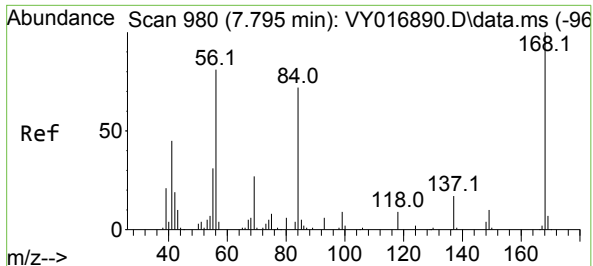
84 100

49 117.1 95.2 142.8

51 33.3 29.9 44.9

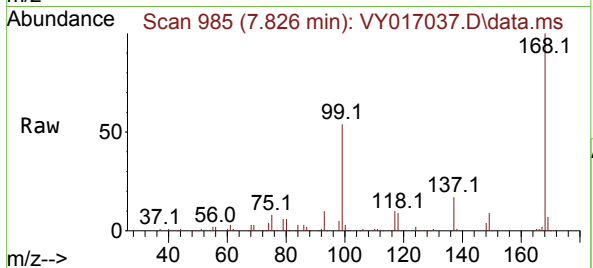
86 62.0 52.2 78.4



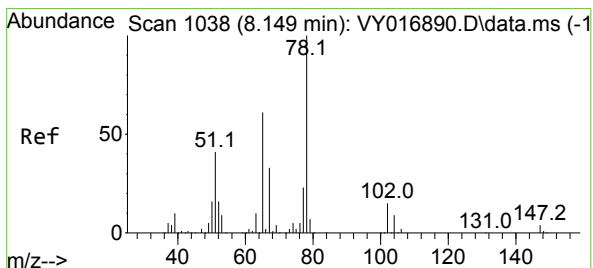
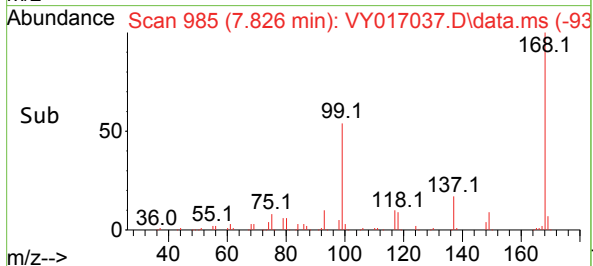
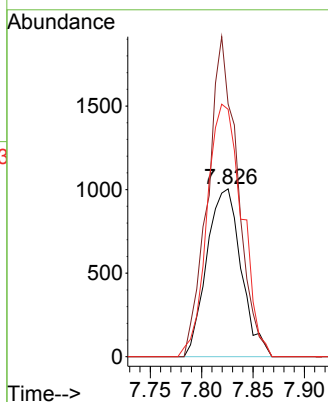


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

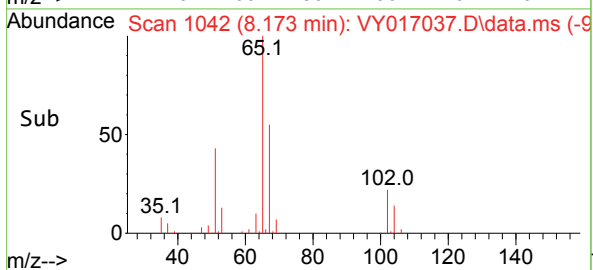
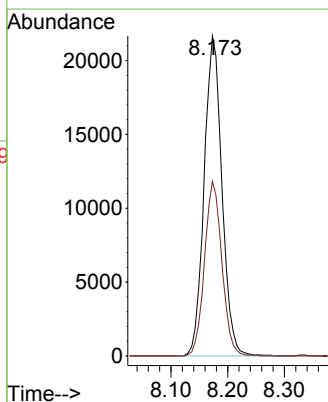
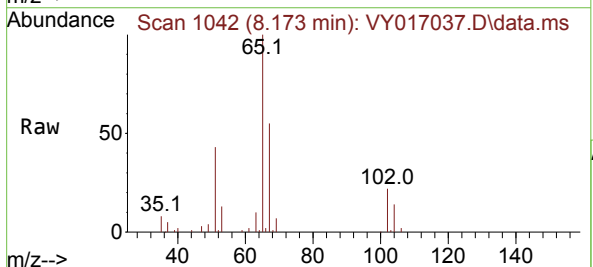


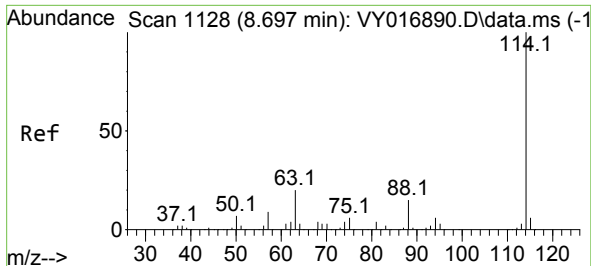
Tgt Ion: 56 Resp: 2333
Ion Ratio Lower Upper
56 100
69 150.4 27.0 40.6#
84 147.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 45.942 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 65 Resp: 47278
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

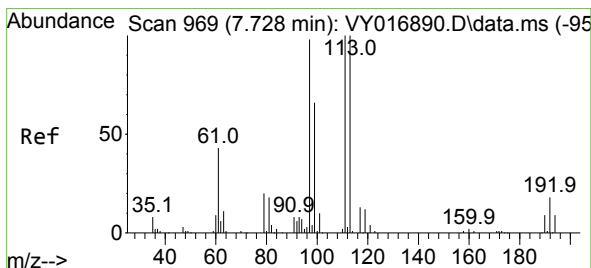
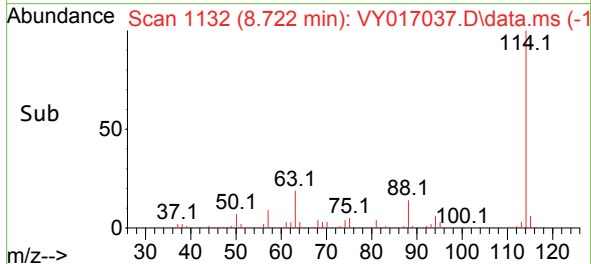
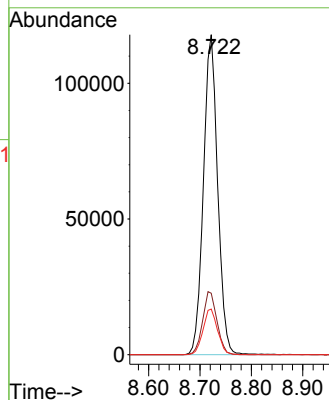
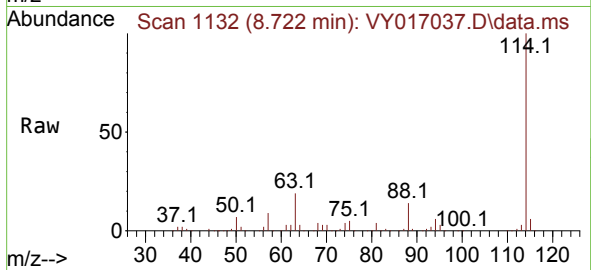
Tgt Ion:114 Resp: 226279

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.953 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

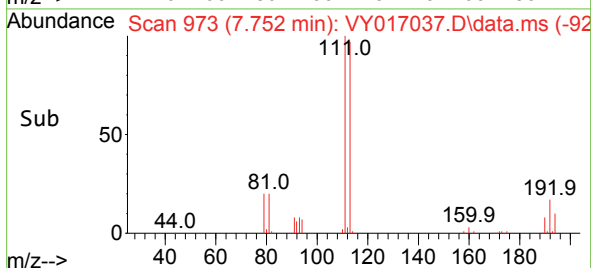
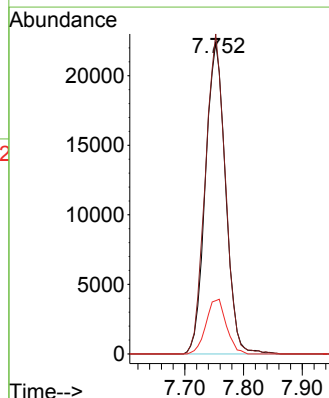
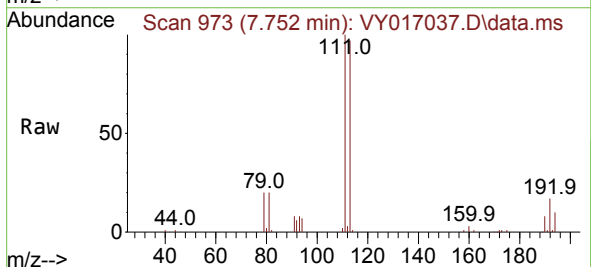
Tgt Ion:113 Resp: 53284

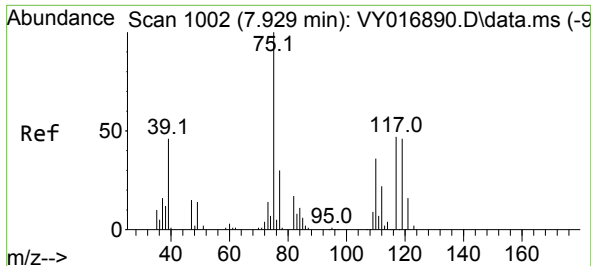
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

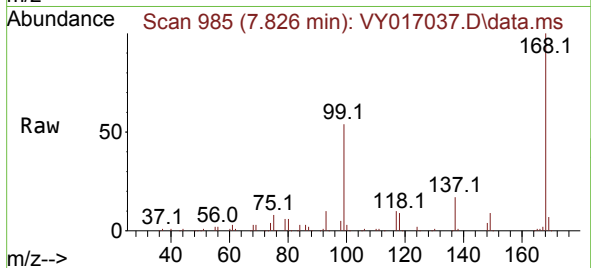
192 17.7 14.5 21.7



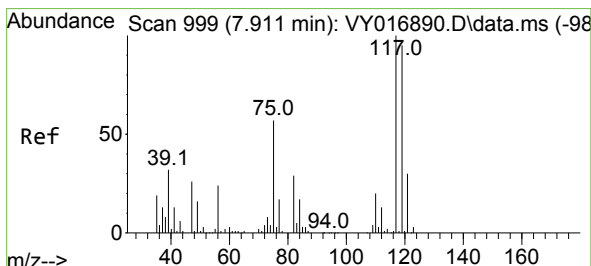
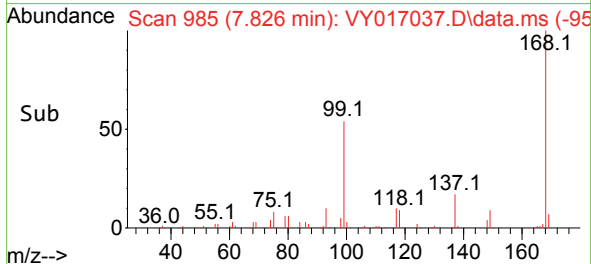
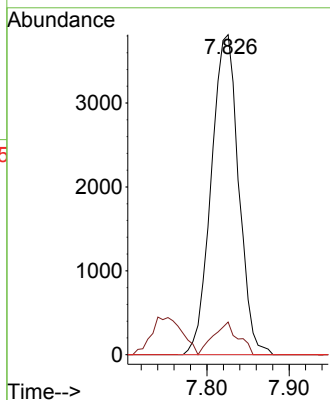


#36
1,1-Dichloropropene
Concen: 4.208 ug/l
RT: 7.826 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :

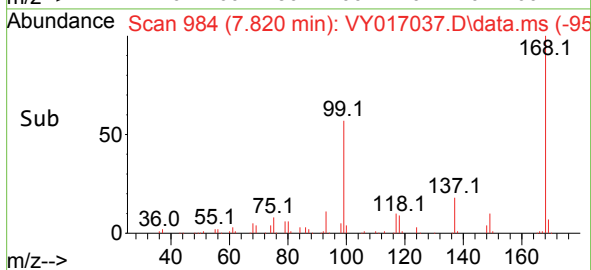
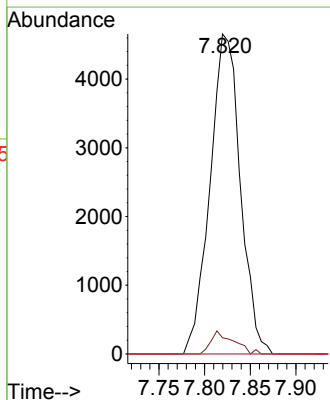
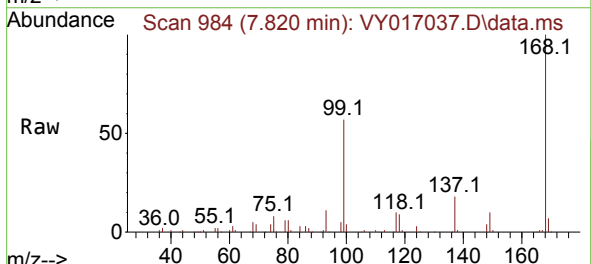


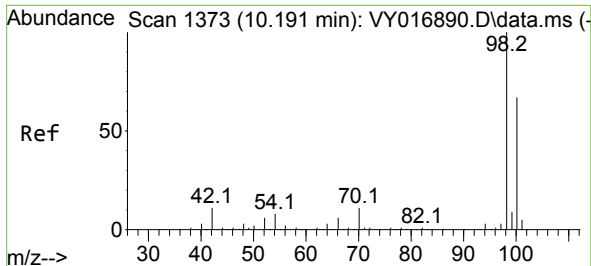
Tgt Ion: 75 Resp: 8842
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.097 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 117 Resp: 10770
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#

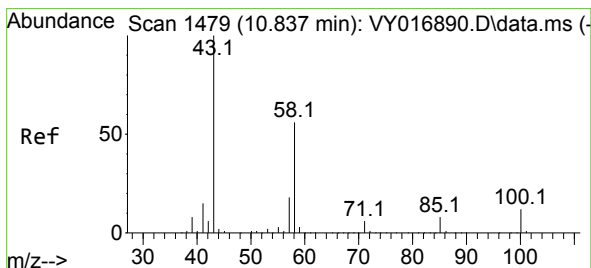
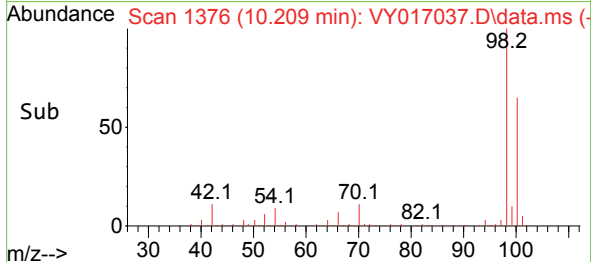
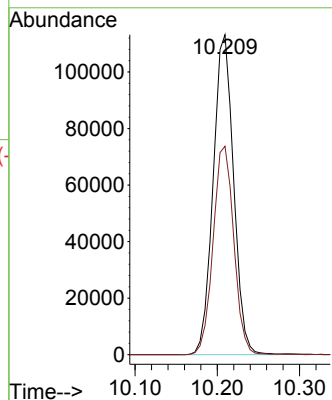
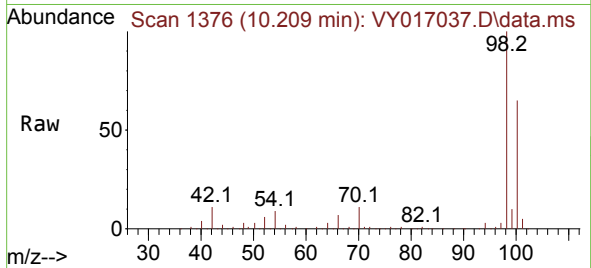




#50
Toluene-d8
Concen: 39.387 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

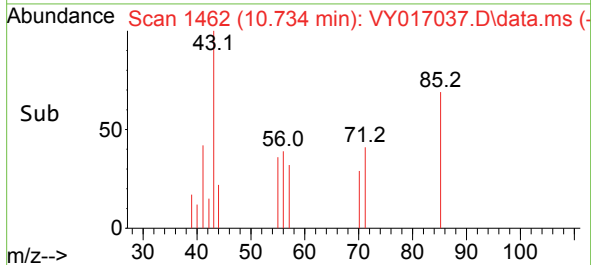
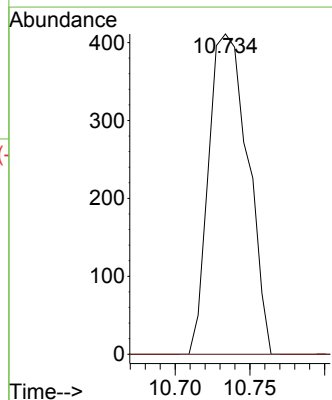
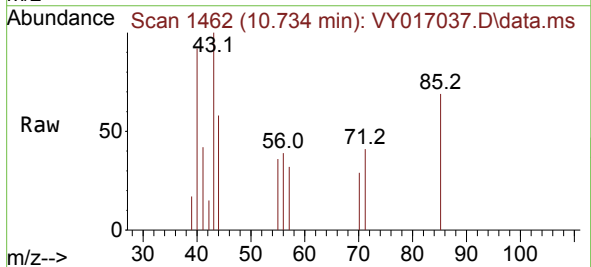
Instrument :
MSVOA_Y
ClientSampleId :

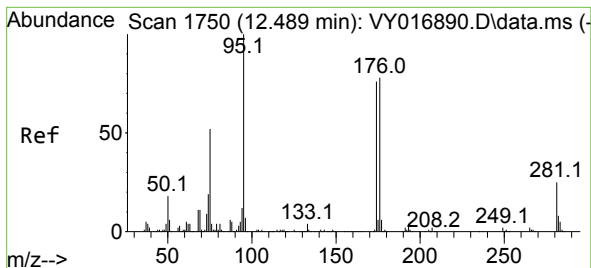
Tgt Ion: 98 Resp: 195569
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5



#59
2-Hexanone
Concen: 1.045 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.109 min
Lab File: VY017037.D
Acq: 18 Jan 2024 14:10

Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: 34.862 ug/l

RT: 12.508 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

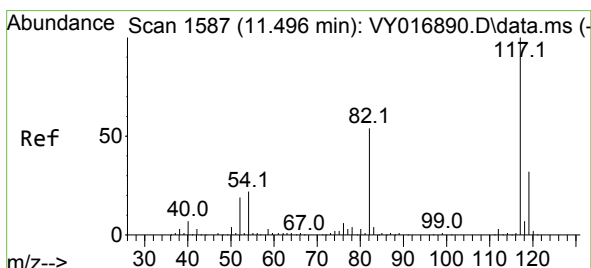
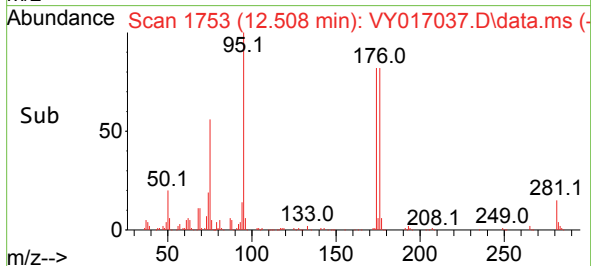
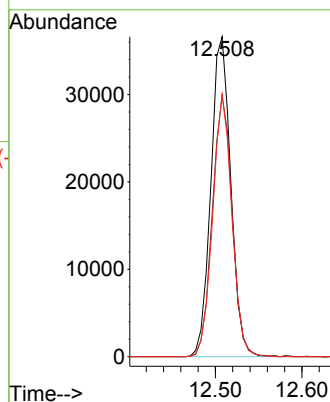
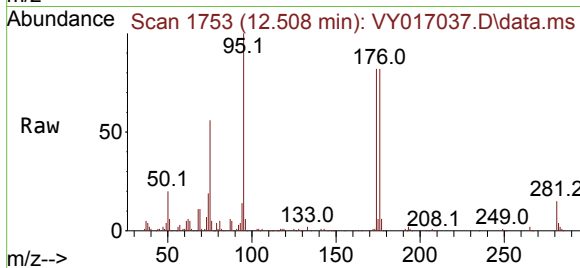
Tgt Ion: 95 Resp: 58402

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.0

176 79.0 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.012 min

Lab File: VY017037.D

Acq: 18 Jan 2024 14:10

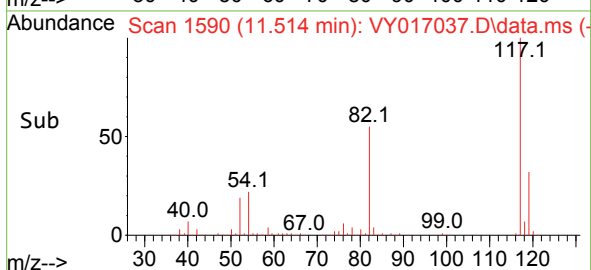
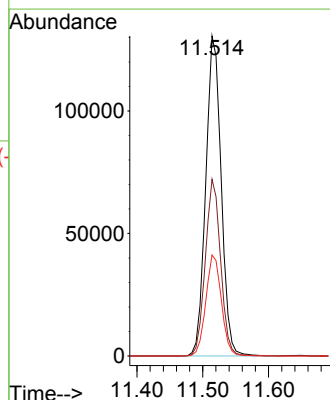
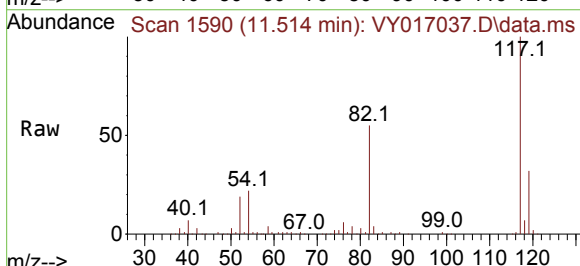
Tgt Ion: 117 Resp: 213526

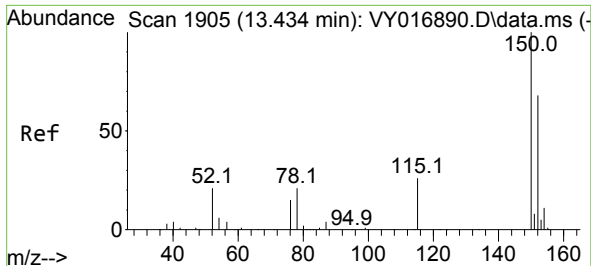
Ion Ratio Lower Upper

117 100

82 55.2 43.8 65.8

119 31.6 26.5 39.7

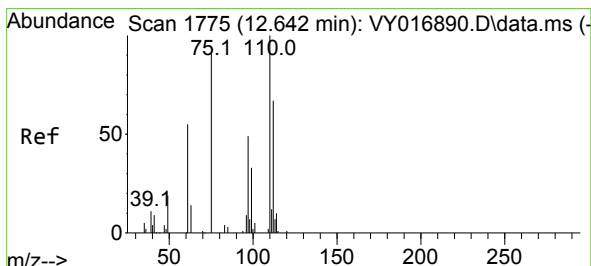
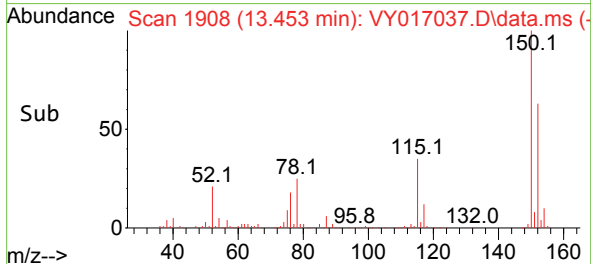
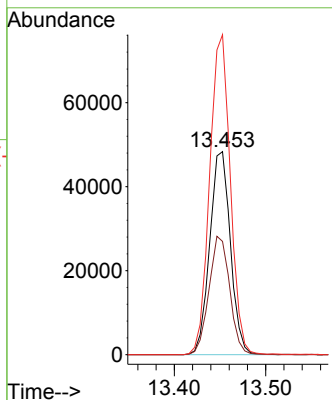
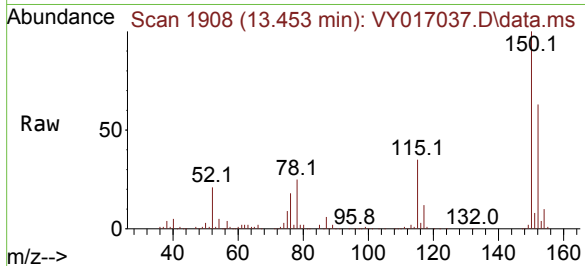




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.453 min Scan# 1905
 Delta R.T. 0.019 min
 Lab File: VY017037.D
 Acq: 18 Jan 2024 14:10

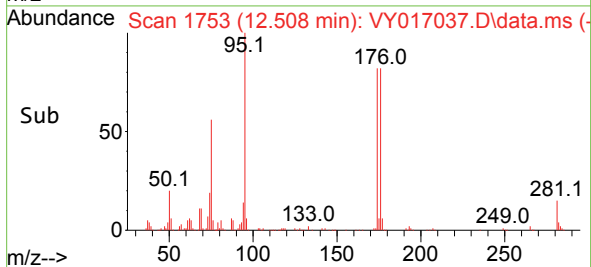
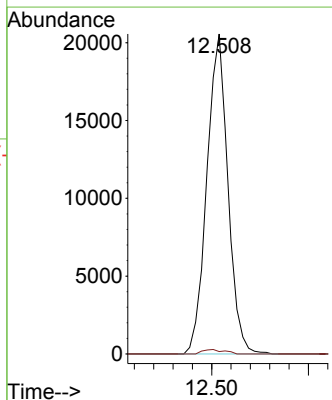
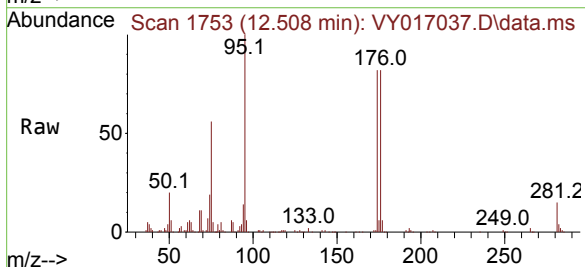
Instrument :
 MSVOA_Y
 ClientSampleId :

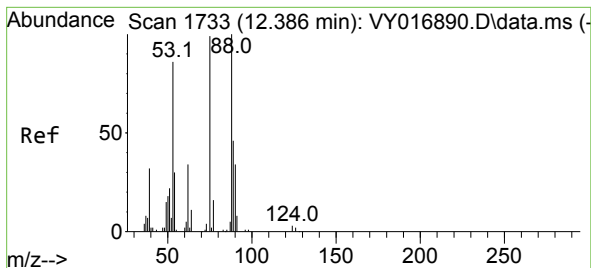
Tgt Ion:152 Resp: 76003
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.0 90.0
 150 157.1 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 37.694 ug/l
 RT: 12.508 min Scan# 1753
 Delta R.T. -0.134 min
 Lab File: VY017037.D
 Acq: 18 Jan 2024 14:10

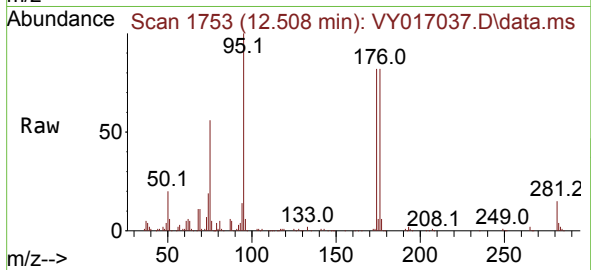
Tgt Ion: 75 Resp: 31089
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.594 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017037.D
 Acq: 18 Jan 2024 14:10

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 31089
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

