

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017322.D
 Acq On : 08 Feb 2024 18:58
 Operator : SY/MD
 Sample : P1394-04
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:16:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

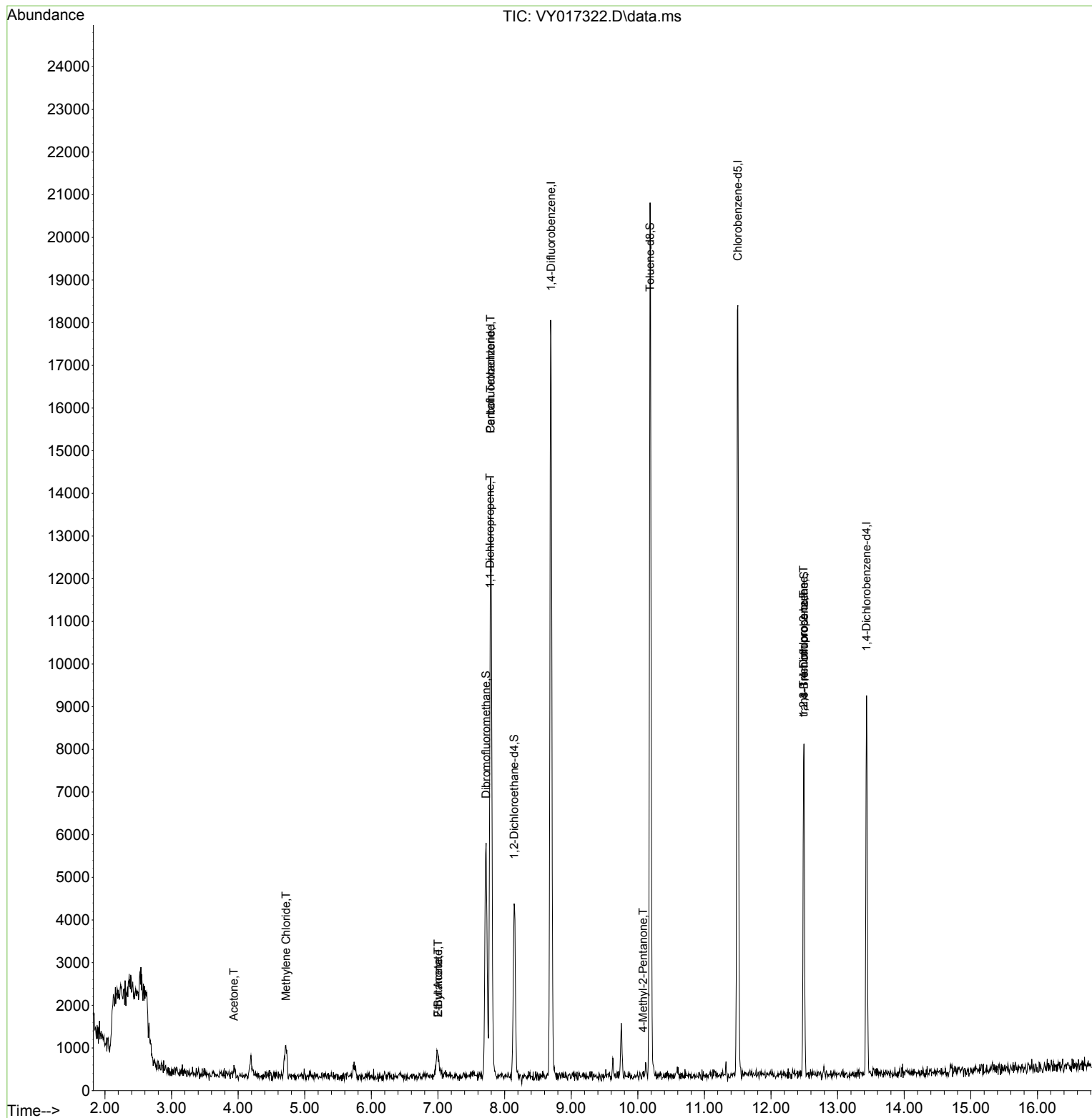
Internal Standards						
1) Pentafluorobenzene	7.789	168	10846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	10584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3478	35.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.800%
35) Dibromofluoromethane	7.722	113	4173	49.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.380%
50) Toluene-d8	10.185	98	13672	44.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.495	95	2341	23.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	46.740%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	282	9.902	ug/l #	69
20) Methylene Chloride	4.716	84	536	1.175	ug/l	92
25) 2-Butanone	7.002	43	263	6.947	ug/l #	48
36) 1,1-Dichloropropene	7.783	75	907	6.261	ug/l #	42
37) Ethyl Acetate	7.002	43	263	3.914	ug/l #	69
38) Carbon Tetrachloride	7.789	117	1162	8.377	ug/l #	12
51) 4-Methyl-2-Pentanone	10.081	43	86	1.349	ug/l #	35
76) 1,2,3-Trichloropropane	12.489	75	1247	52.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1247	108.937	ug/l #	12

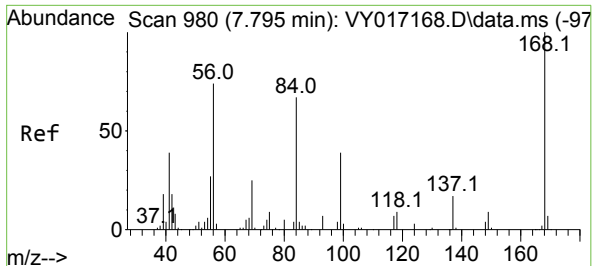
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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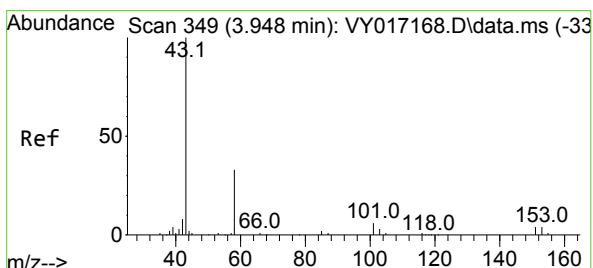
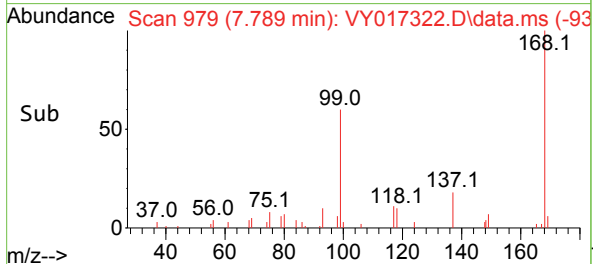
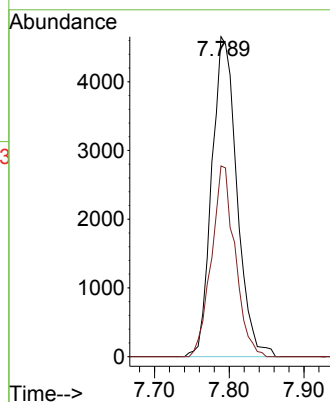
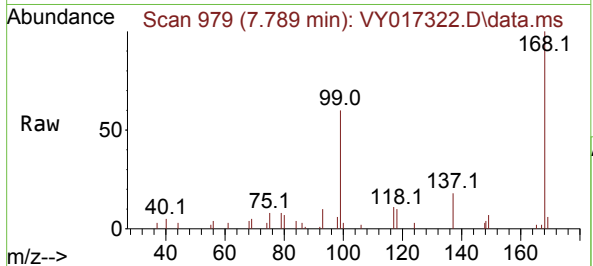




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

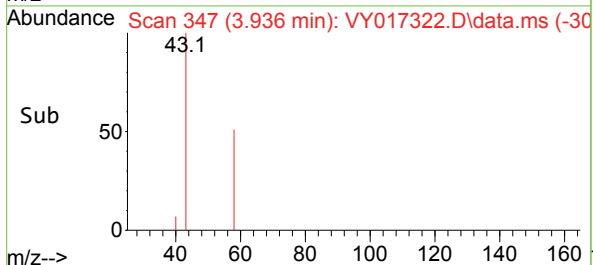
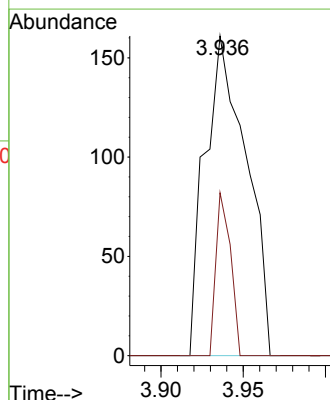
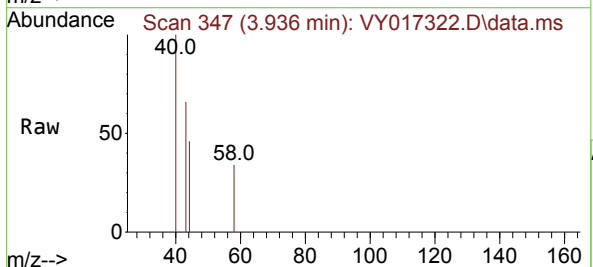
Instrument :
MSVOA_Y
ClientSampleId :

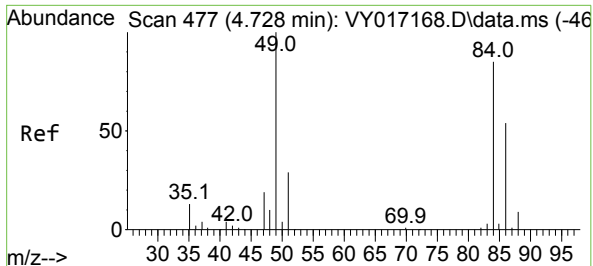
Tgt Ion:168 Resp: 10846
Ion Ratio Lower Upper
168 100
99 59.6 44.2 66.4



#16
Acetone
Concen: 9.902 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

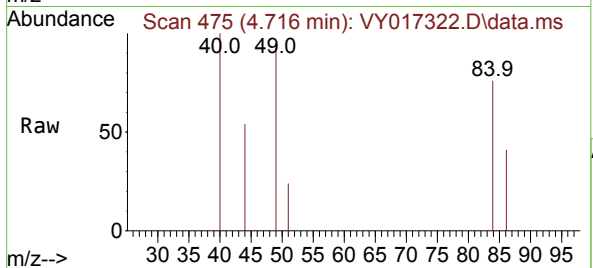
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 50.9 26.6 39.8#



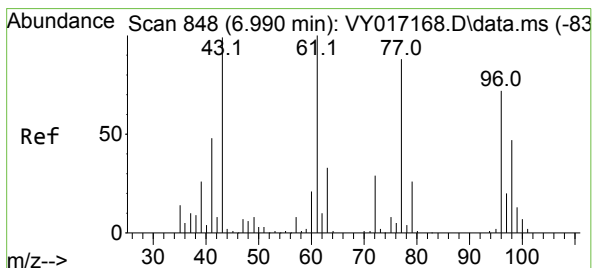
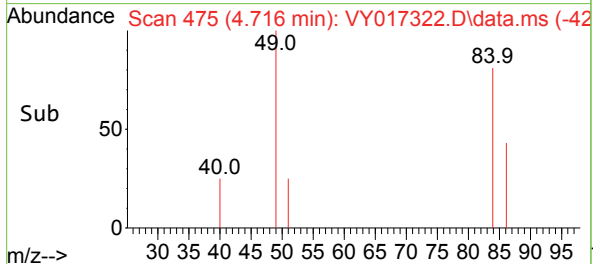
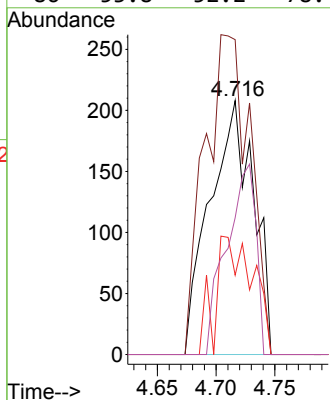


#20
Methylene Chloride
Concen: 1.175 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

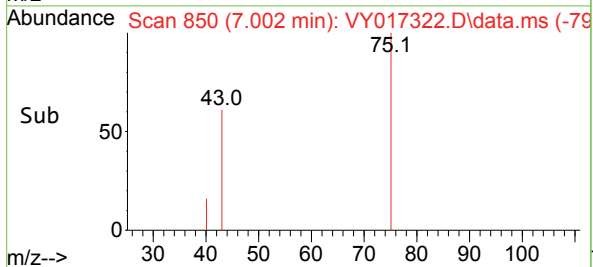
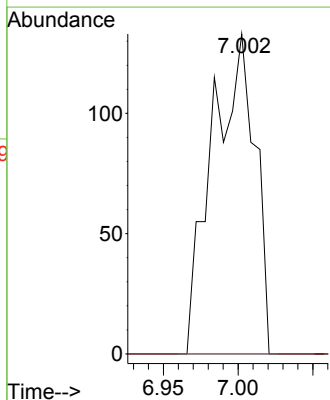
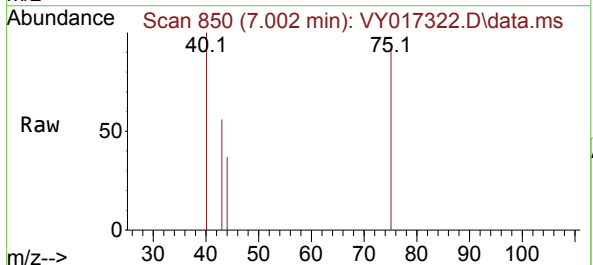


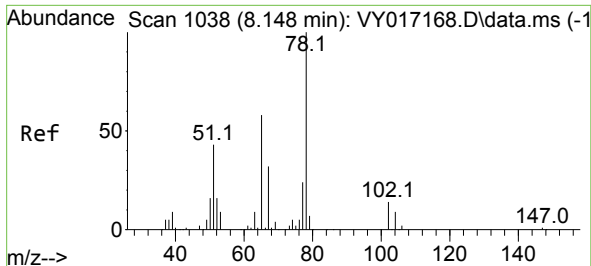
Tgt Ion: 84	Resp: 536
Ion Ratio	Lower Upper
84 100	
49 124.0	95.2 142.8
51 31.3	29.9 44.9
86 53.8	52.2 78.4



#25
2-Butanone
Concen: 6.947 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 43	Resp: 263
Ion Ratio	Lower Upper
43 100	
72 0.0	21.4 32.2#





#33

1,2-Dichloroethane-d4

Concen: 35.896 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017322.D

Acq: 08 Feb 2024 18:58

Instrument :

MSVOA_Y

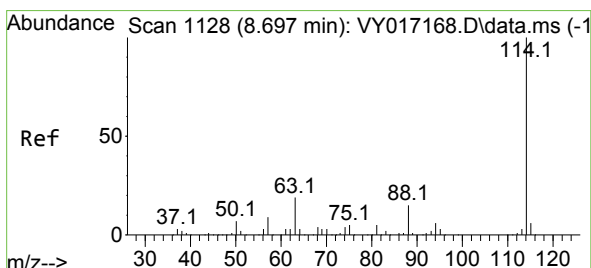
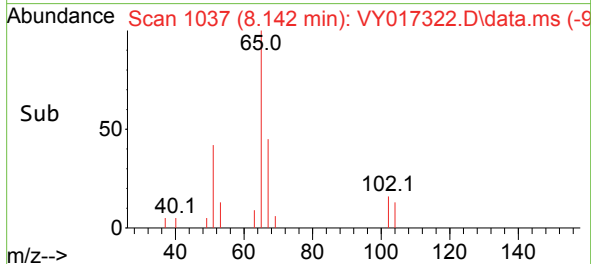
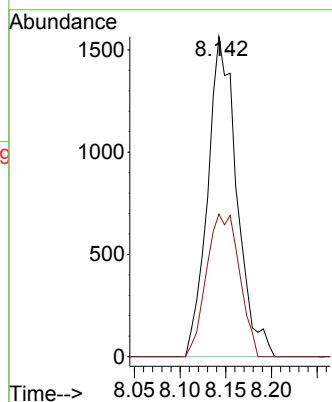
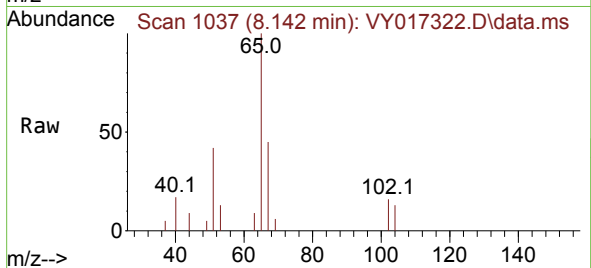
ClientSampleId :

Tgt Ion: 65 Resp: 3478

Ion Ratio Lower Upper

65 100

67 50.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017322.D

Acq: 08 Feb 2024 18:58

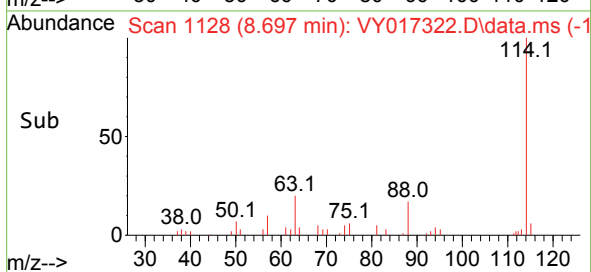
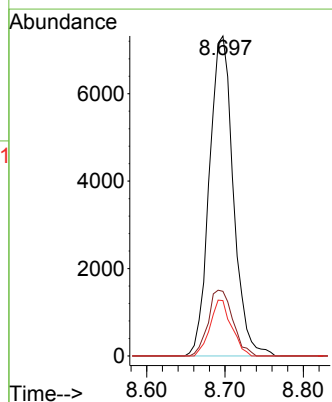
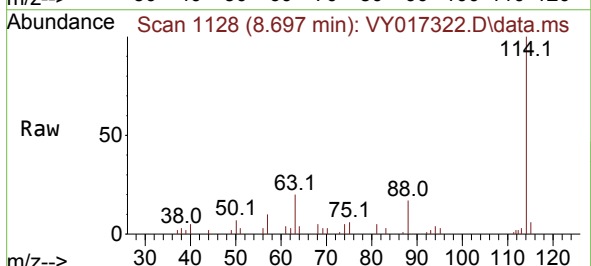
Tgt Ion: 114 Resp: 15555

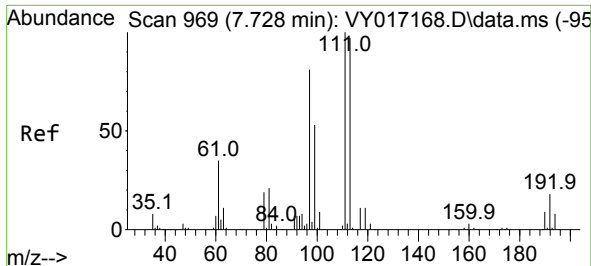
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 17.3 0.0 29.0

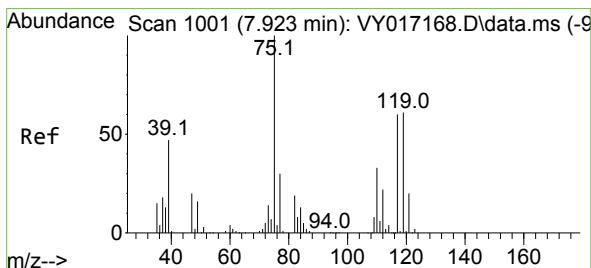
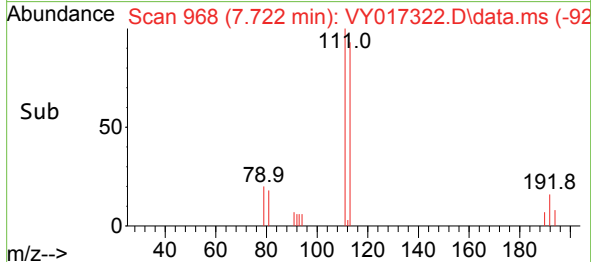
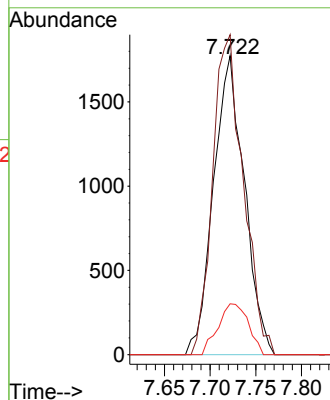
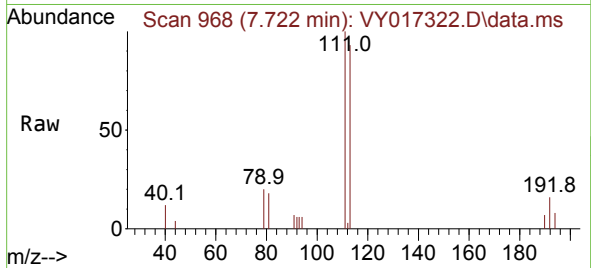




#35
Dibromofluoromethane
Concen: 49.686 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

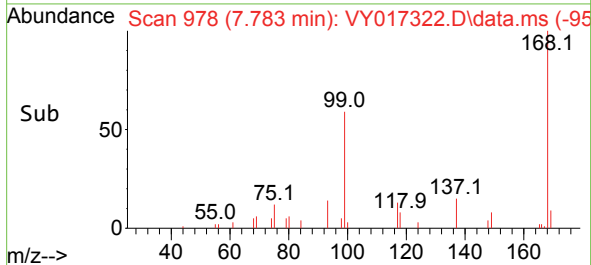
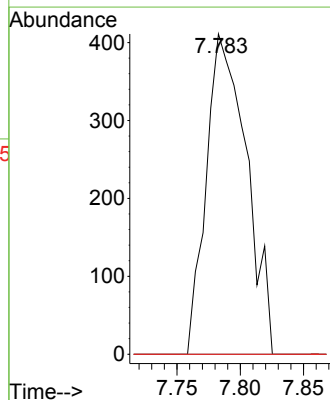
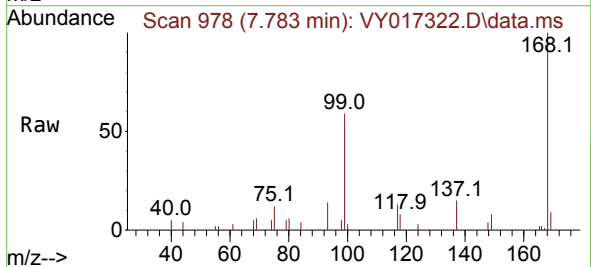
Instrument :
MSVOA_Y
ClientSampleId :

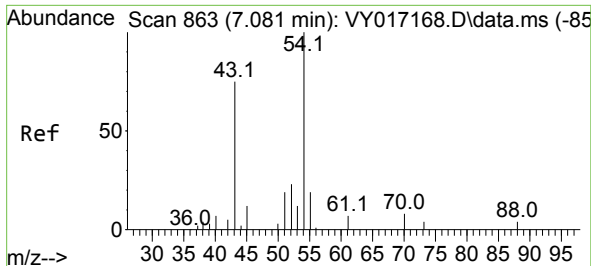
Tgt Ion:113 Resp: 4173
Ion Ratio Lower Upper
113 100
111 105.4 83.8 125.6
192 16.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 6.261 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

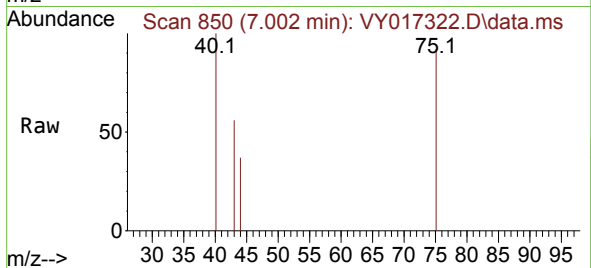
Tgt Ion: 75 Resp: 907
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



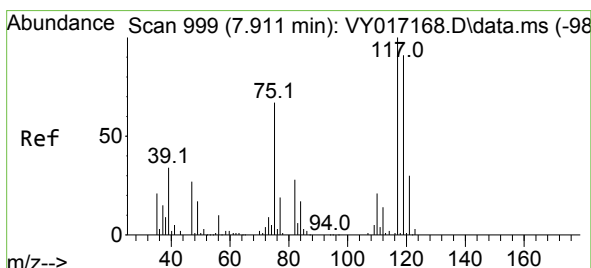
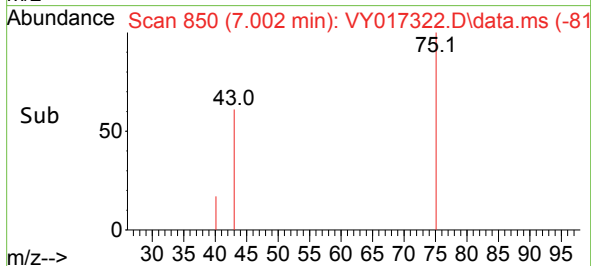
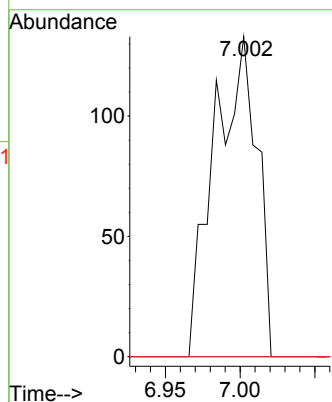


#37
Ethyl Acetate
Concen: 3.914 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.079 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Instrument :
MSVOA_Y
ClientSampleId :

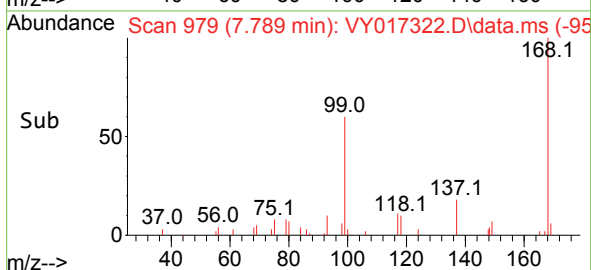
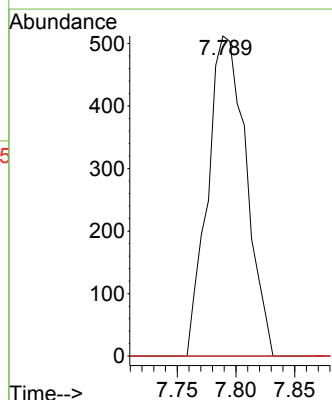
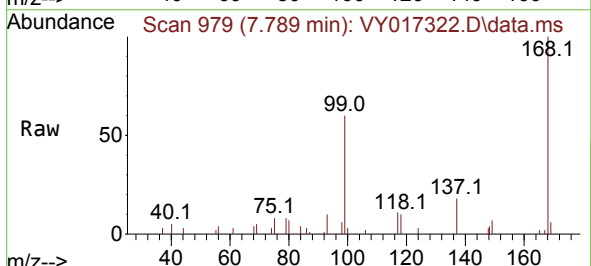


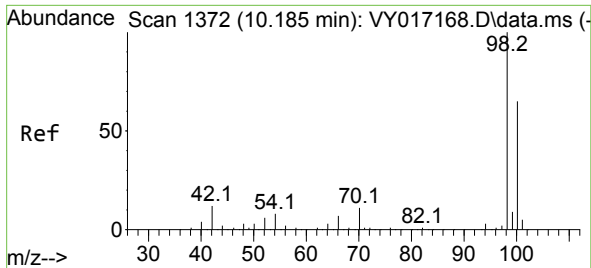
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 8.377 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 117 Resp: 1162
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#

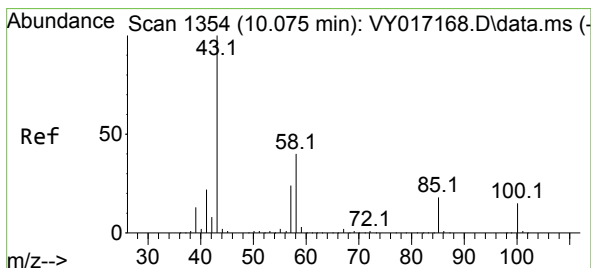
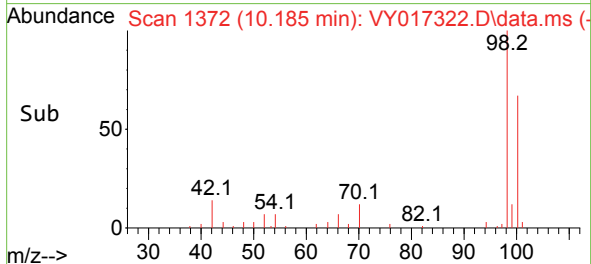
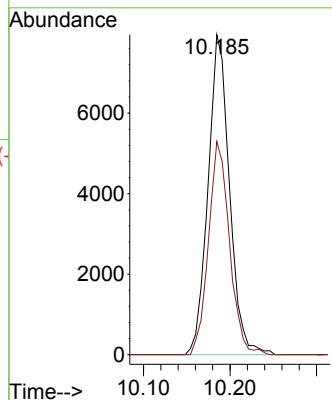
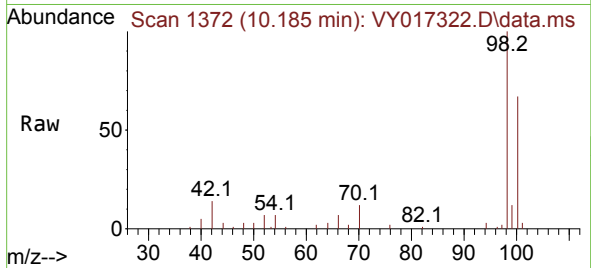




#50
Toluene-d8
Concen: 44.710 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

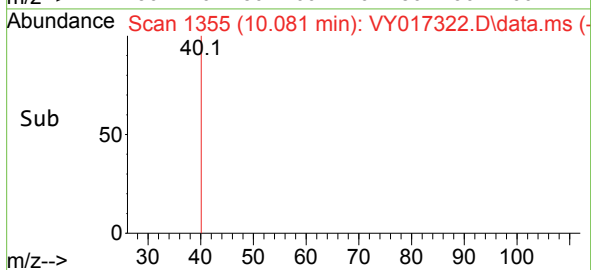
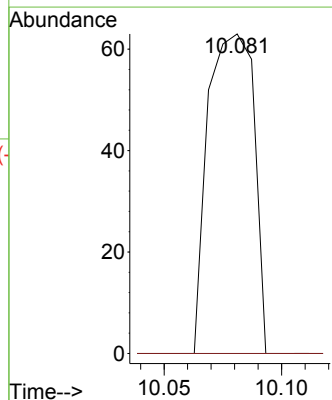
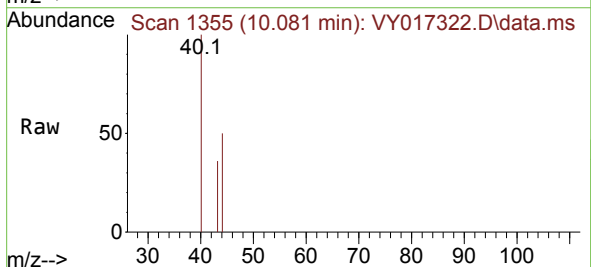
Instrument :
MSVOA_Y
ClientSampleId :

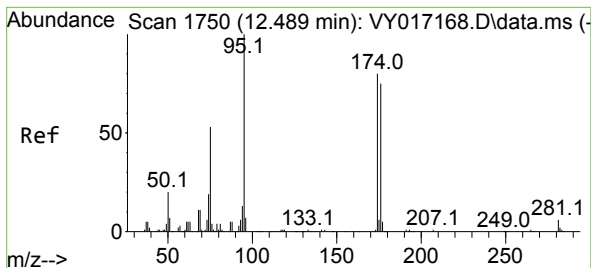
Tgt Ion: 98 Resp: 13672
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.349 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017322.D
Acq: 08 Feb 2024 18:58

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
58 0.0 32.2 48.2#





#62

4-Bromofluorobenzene

Concen: 23.370 ug/l

RT: 12.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017322.D

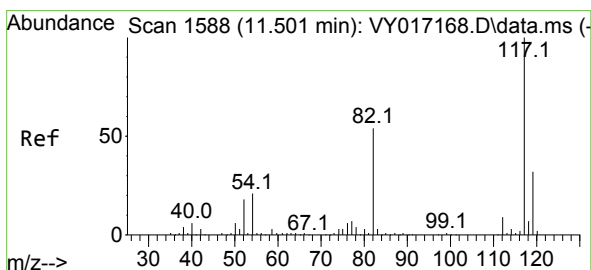
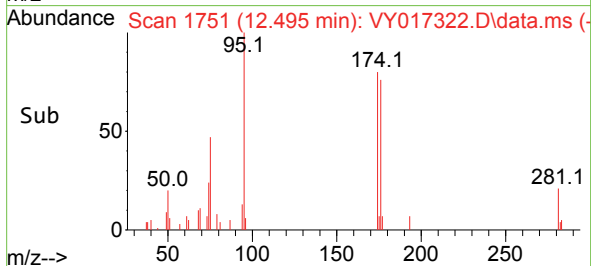
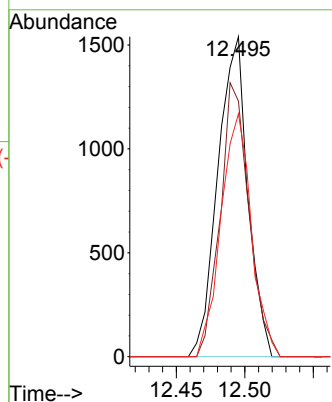
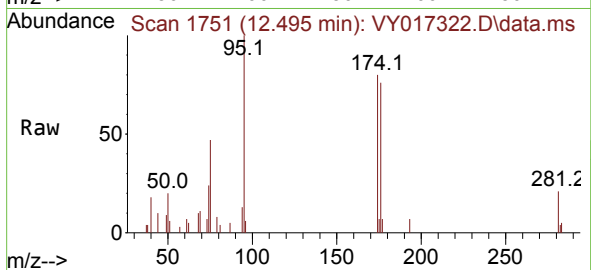
Acq: 08 Feb 2024 18:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp: 2341
Ion Ratio	Lower Upper
95 100	
174 82.0	0.0 160.0
176 77.1	0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

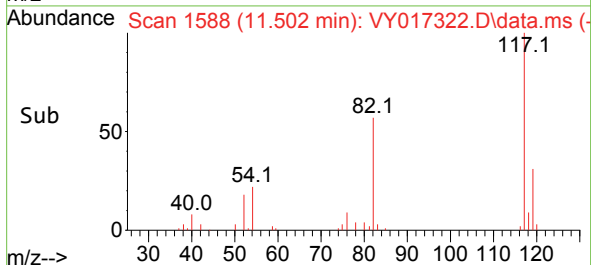
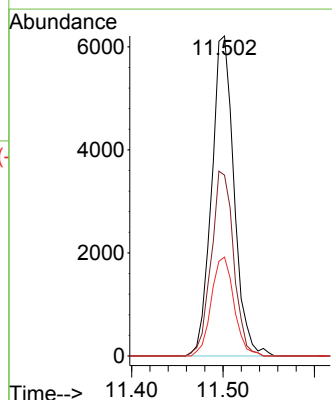
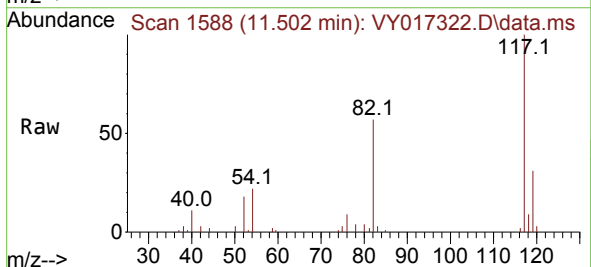
RT: 11.502 min Scan# 1588

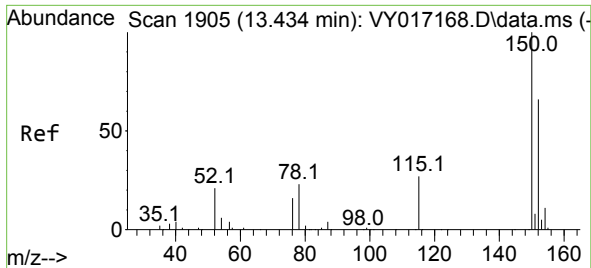
Delta R.T. 0.000 min

Lab File: VY017322.D

Acq: 08 Feb 2024 18:58

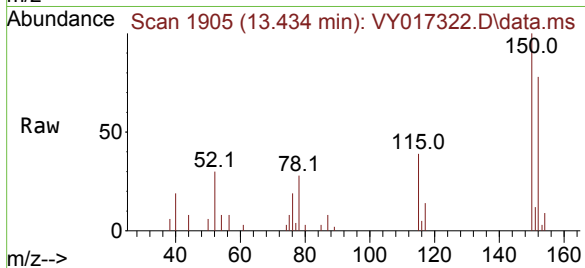
Tgt Ion: 117	Resp: 10584
Ion Ratio	Lower Upper
117 100	
82 56.5	43.8 65.8
119 30.9	26.5 39.7



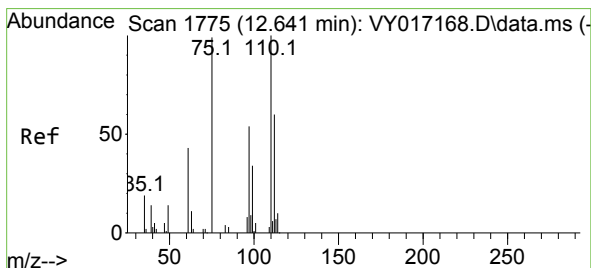
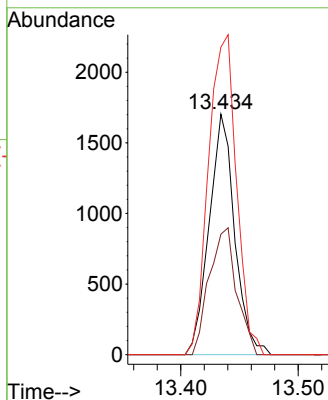
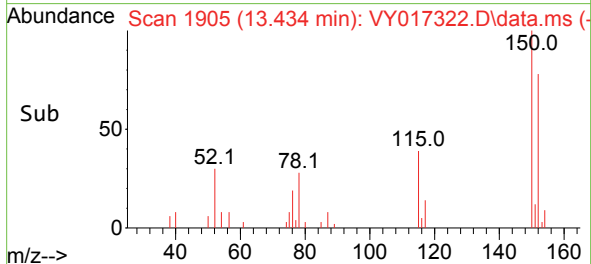


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017322.D
 Acq: 08 Feb 2024 18:58

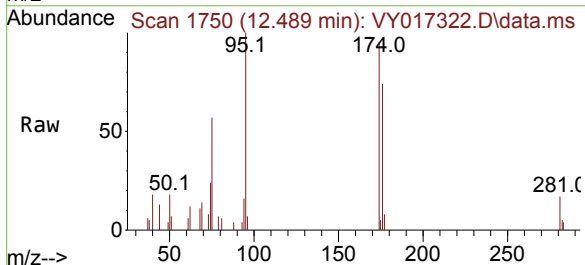
Instrument :
 MSVOA_Y
 ClientSampleId :



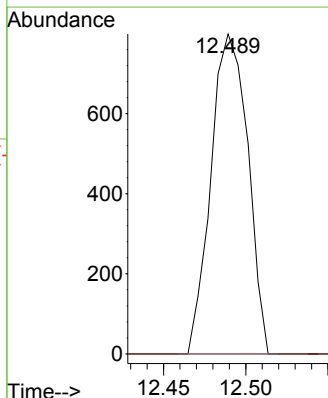
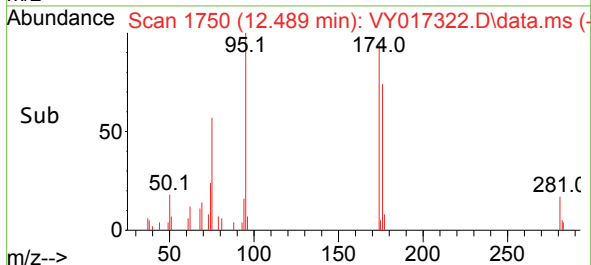
Tgt Ion:152 Resp: 2577
 Ion Ratio Lower Upper
 152 100
 115 56.5 30.0 90.0
 150 145.6 0.0 344.6

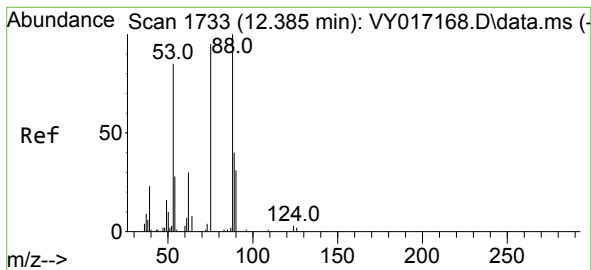


#76
 1,2,3-Trichloropropane
 Concen: 52.427 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY017322.D
 Acq: 08 Feb 2024 18:58



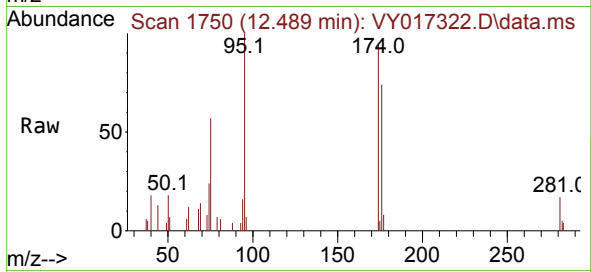
Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.937 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017322.D
 Acq: 08 Feb 2024 18:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1247
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

