

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017142.D
 Acq On : 30 Jan 2024 14:39
 Operator : SY/MD
 Sample : P1283-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

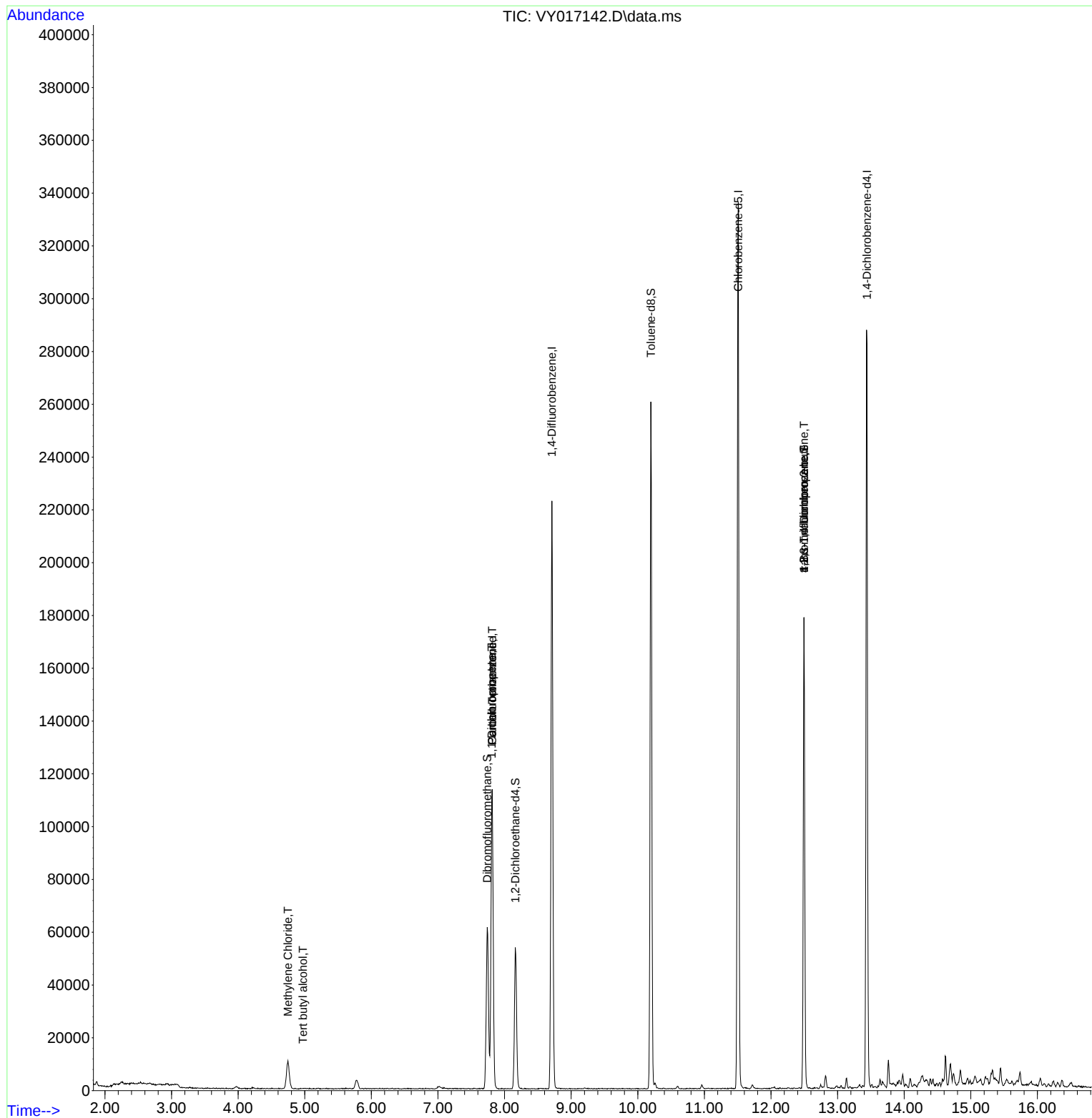
Internal Standards						
1) Pentafluorobenzene	7.813	168	86641	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	186819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	184860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	40294	47.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.740	113	44474	39.444	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.880%
50) Toluene-d8	10.197	98	165715	38.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.820%
62) 4-Bromofluorobenzene	12.496	95	52681	40.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22	Below Cal	#	40
3) Chloromethane	2.125	50	84	Below Cal	#	41
4) Vinyl Chloride	2.241	62	32	Below Cal	#	43
5) Bromomethane	2.668	94	105	Below Cal	#	61
11) Tert butyl alcohol	4.972	59	196	3.020 ug/l	#	75
16) Acetone	3.967	43	1448	Below Cal		98
20) Methylene Chloride	4.747	84	7794	2.539 ug/l		96
25) 2-Butanone	7.033	43	282	Below Cal	#	48
31) Cyclohexane	7.807	56	2048	Below Cal	#	24
36) 1,1-Dichloropropene	7.807	75	7166	3.863 ug/l	#	49
38) Carbon Tetrachloride	7.813	117	9210	5.066 ug/l	#	16
76) 1,2,3-Trichloropropane	12.496	75	28482	32.672 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.496	75	28482	84.583 ug/l	#	12

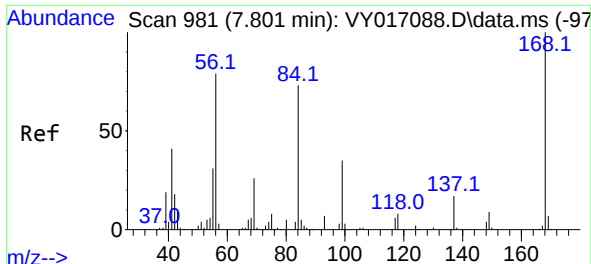
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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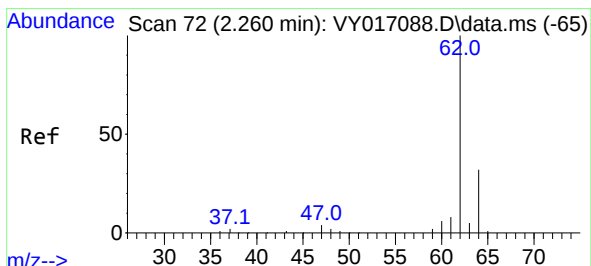
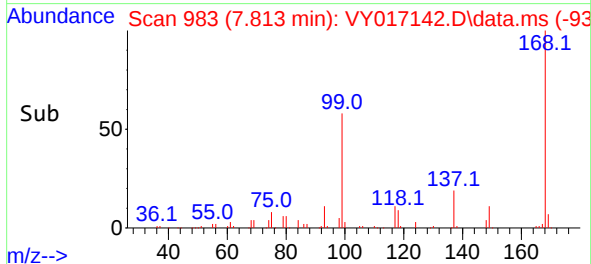
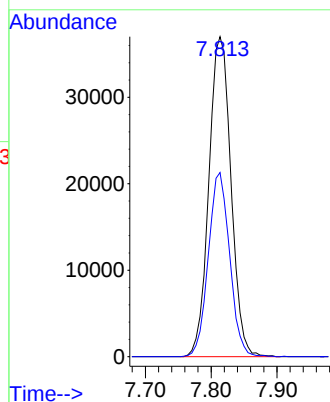
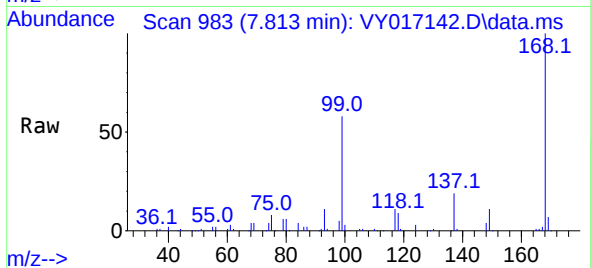




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

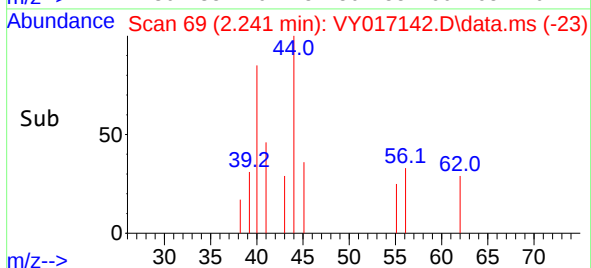
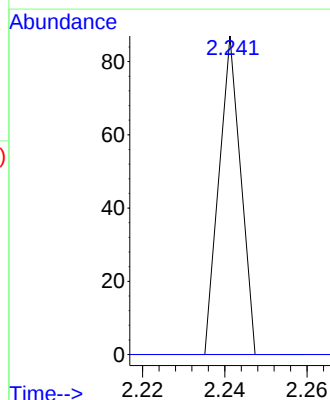
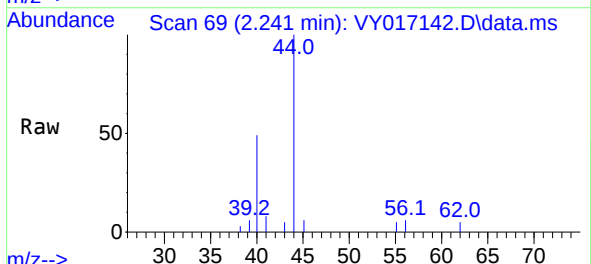
Instrument :
MSVOA_Y
ClientSampleId :

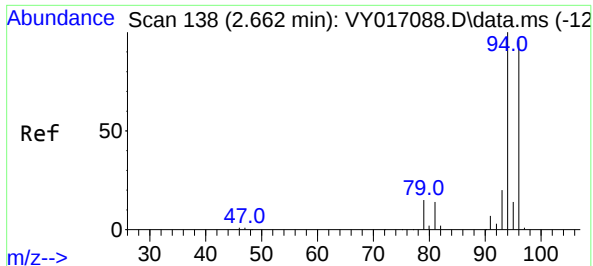
Tgt Ion:168 Resp: 86641
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.241 min Scan# 69
Delta R.T. -0.018 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Tgt Ion: 62 Resp: 32
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

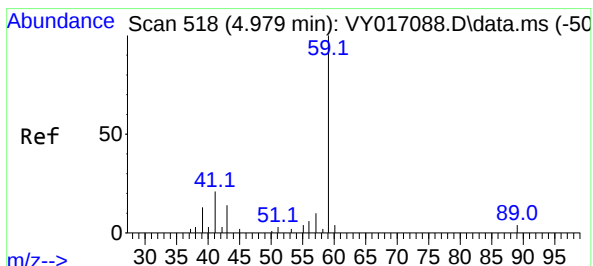
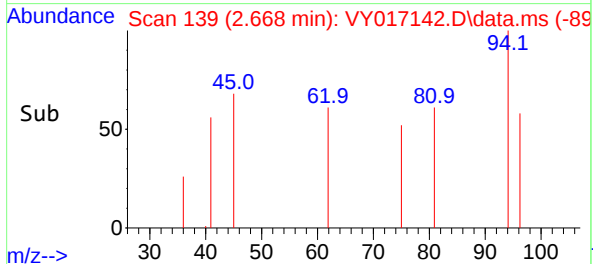
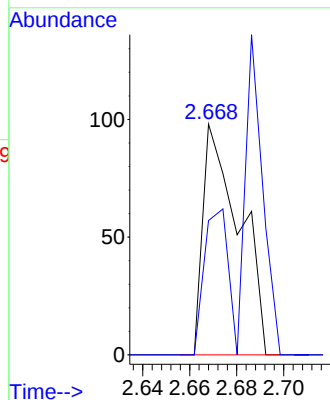
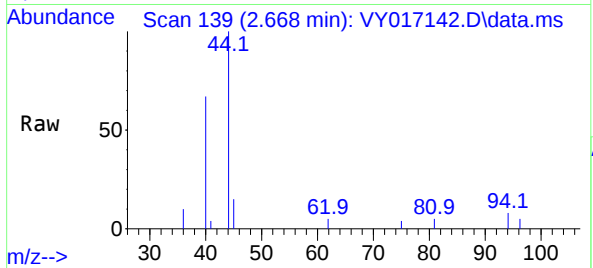




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

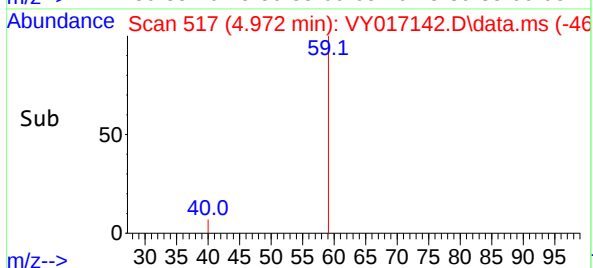
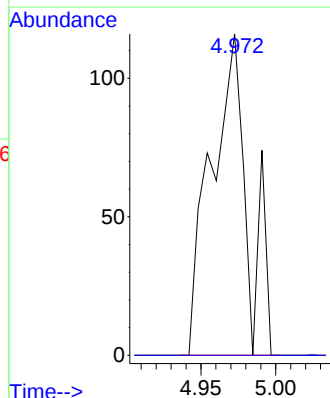
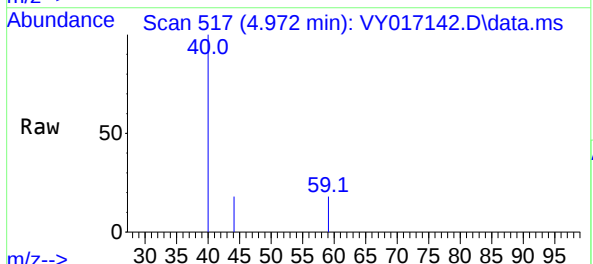
Instrument :
MSVOA_Y
ClientSampleId :

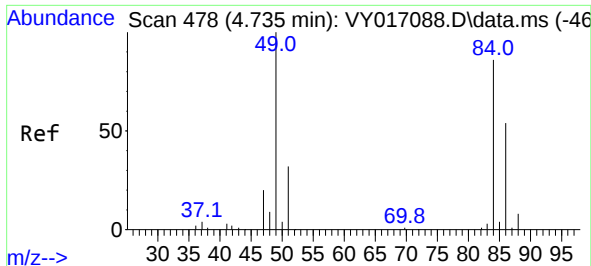
Tgt Ion: 94 Resp: 105
Ion Ratio Lower Upper
94 100
96 58.2 77.3 115.9#



#11
Tert butyl alcohol
Concen: 3.020 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

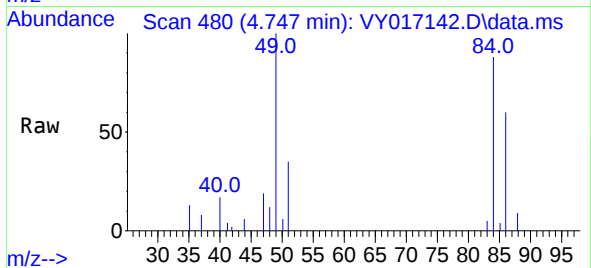
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





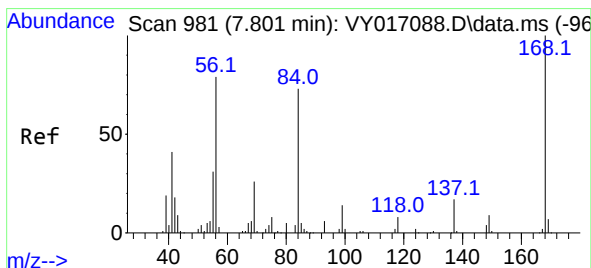
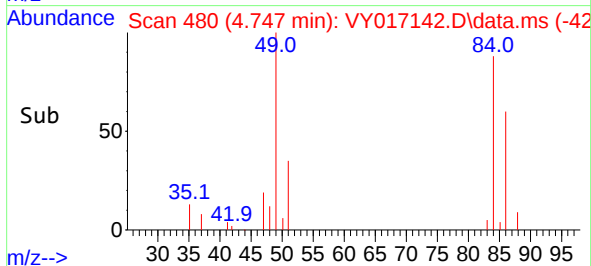
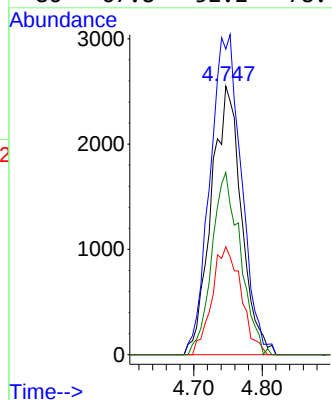
#20
Methylene Chloride
Concen: 2.539 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7794

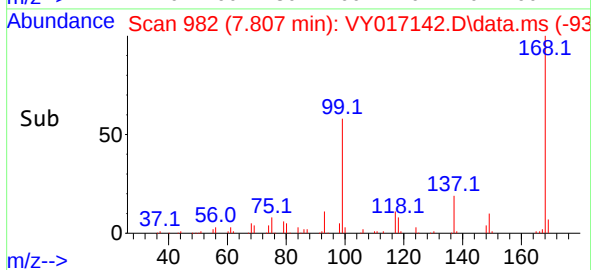
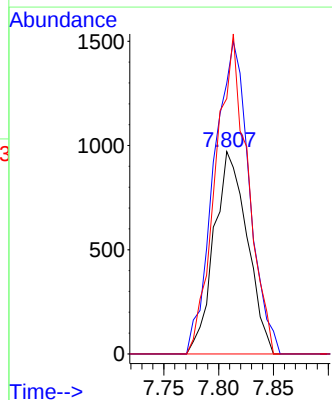
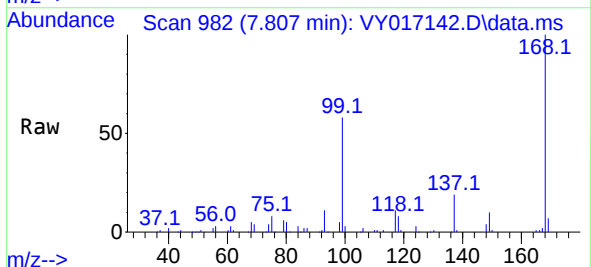
Ion	Ratio	Lower	Upper
84	100		
49	113.8	95.2	142.8
51	40.2	29.9	44.9
86	67.8	52.2	78.4

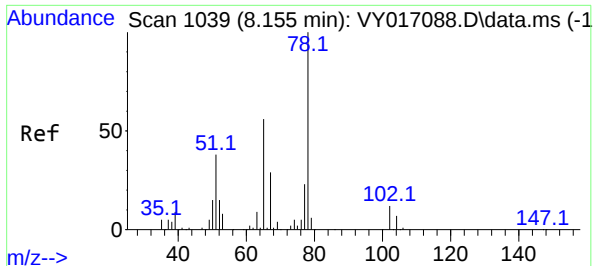


#31
Cyclohexane
Concen: Below Cal
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Tgt Ion: 56 Resp: 2048

Ion	Ratio	Lower	Upper
56	100		
69	133.8	27.0	40.6#
84	126.2	71.8	107.6#

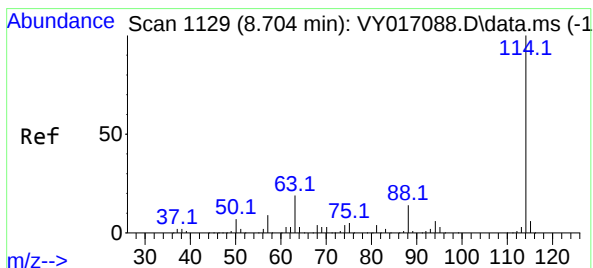
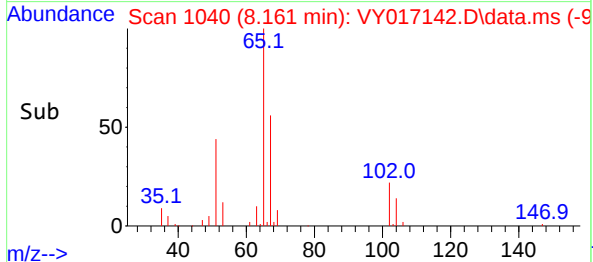
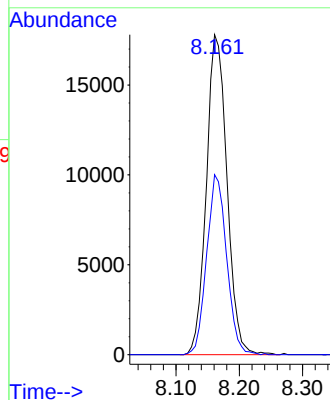
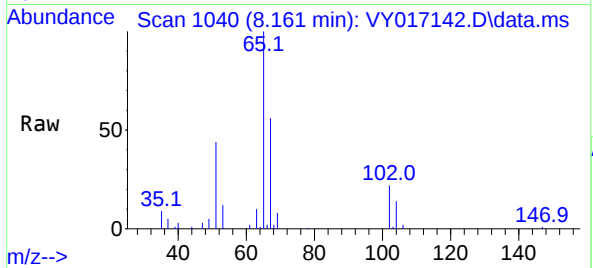




#33
1,2-Dichloroethane-d4
Concen: 47.733 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

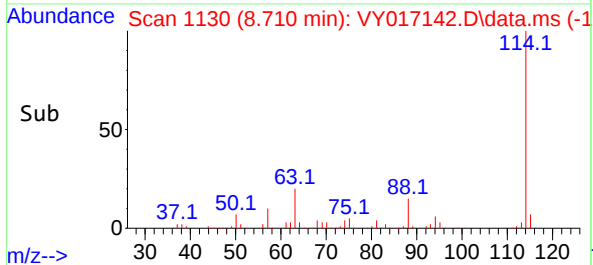
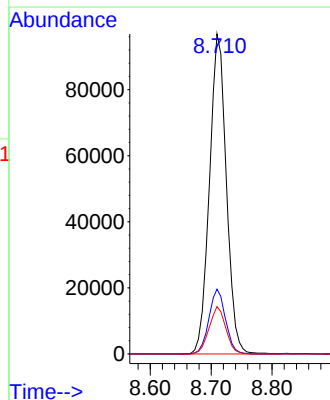
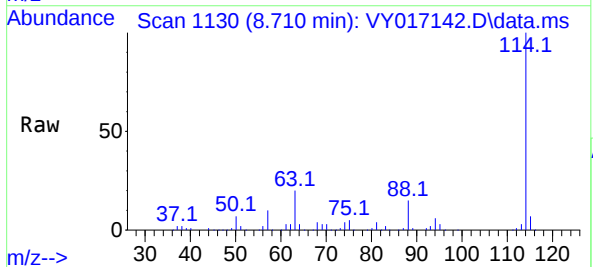
Instrument :
MSVOA_Y
ClientSampleId :

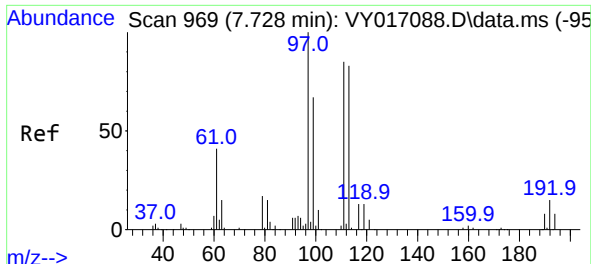
Tgt Ion: 65 Resp: 40294
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.007 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Tgt Ion: 114 Resp: 186819
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 39.444 ug/l

RT: 7.740 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY017142.D

Acq: 30 Jan 2024 14:39

Instrument :

MSVOA_Y

ClientSampleId :

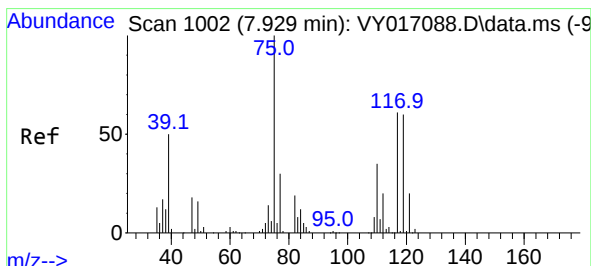
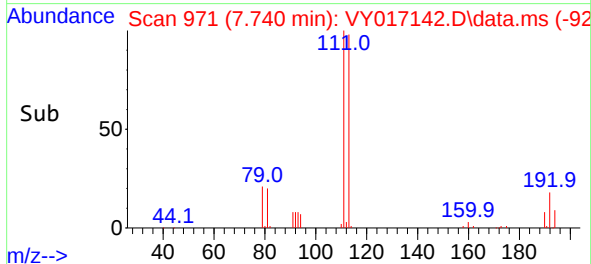
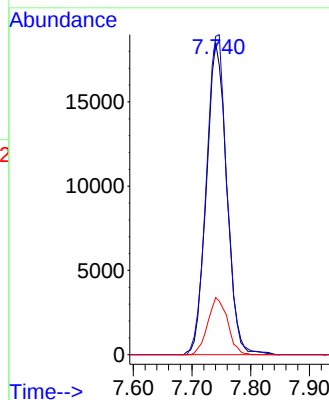
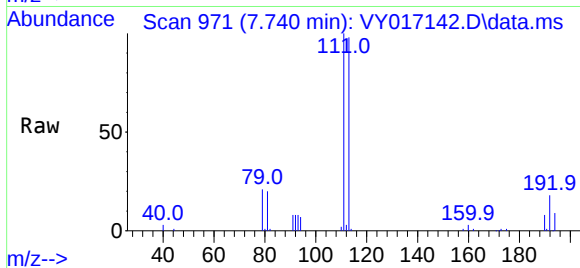
Tgt Ion:113 Resp: 44474

Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.9 14.5 21.7



#36

1,1-Dichloropropene

Concen: 3.863 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY017142.D

Acq: 30 Jan 2024 14:39

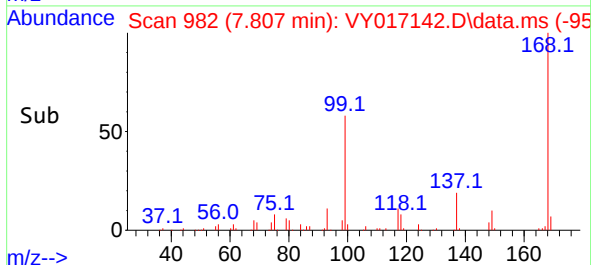
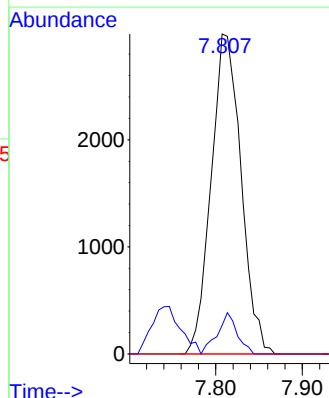
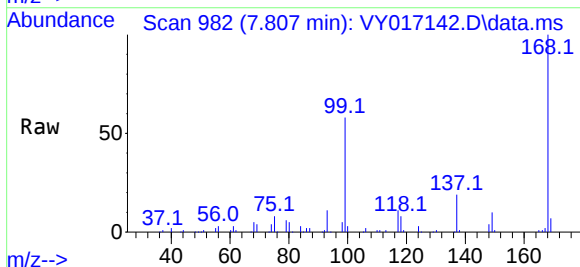
Tgt Ion: 75 Resp: 7166

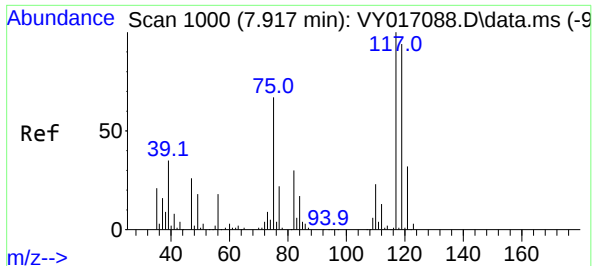
Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.3#

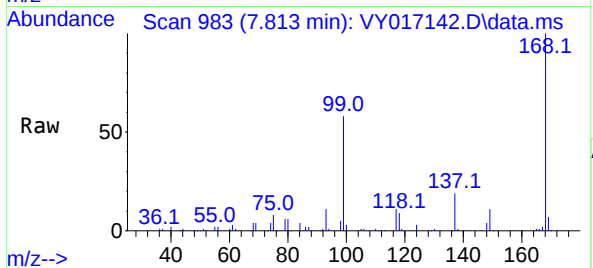
77 0.0 24.7 37.1#



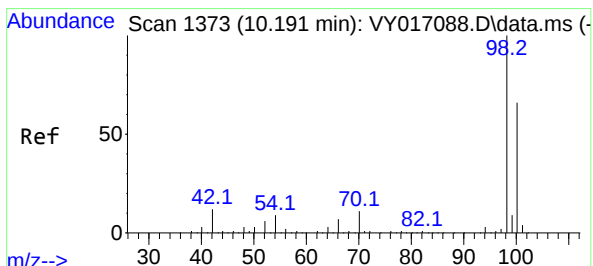
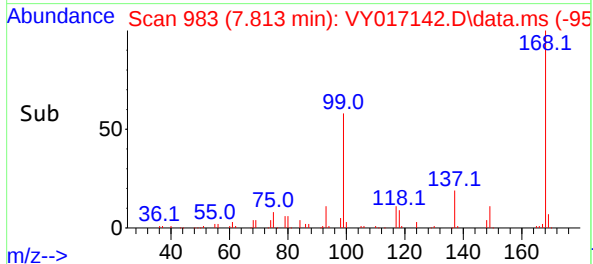
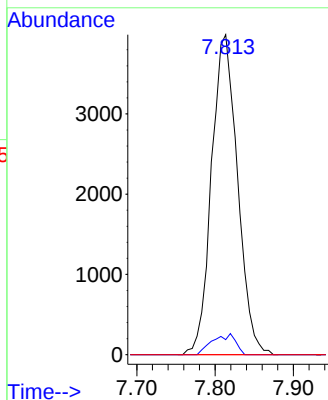


#38
Carbon Tetrachloride
Concen: 5.066 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

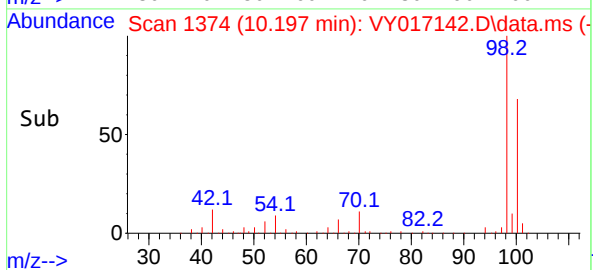
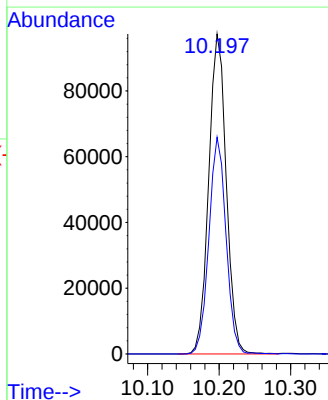
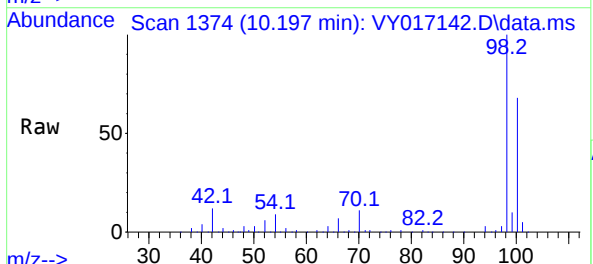


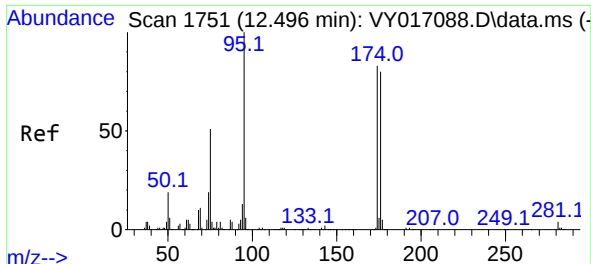
Tgt Ion:117 Resp: 9210
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.912 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Tgt Ion: 98 Resp: 165715
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

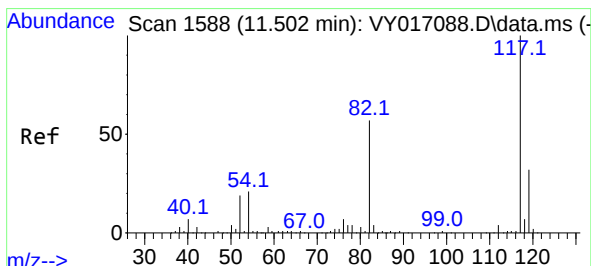
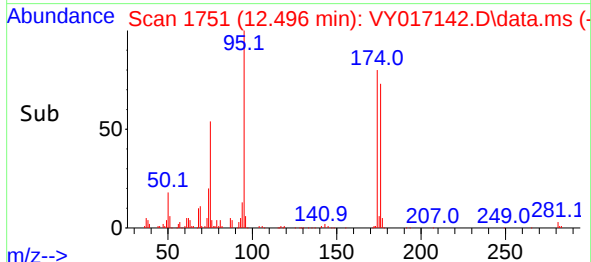
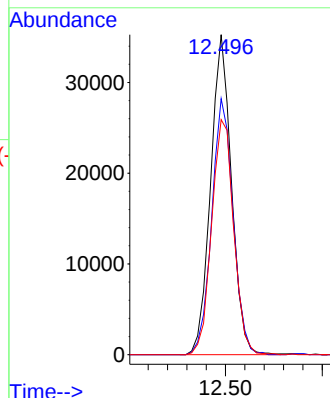
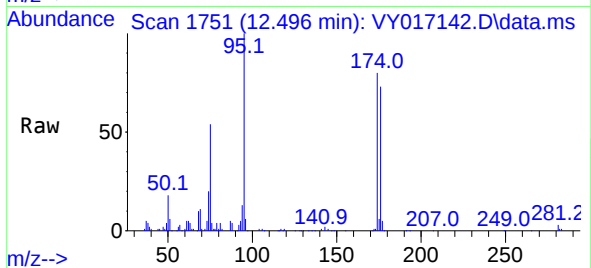




#62
4-Bromofluorobenzene
Concen: 40.156 ug/l
RT: 12.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

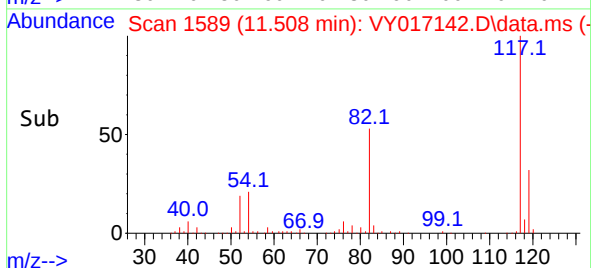
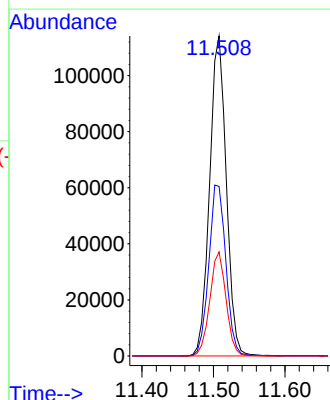
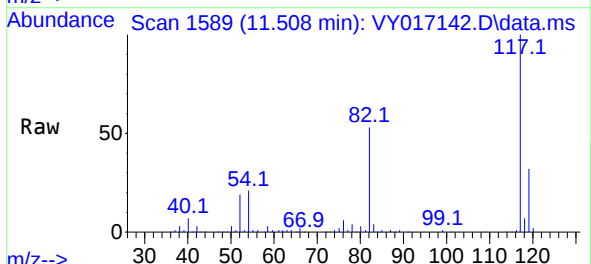
Instrument :
MSVOA_Y
ClientSampleId :

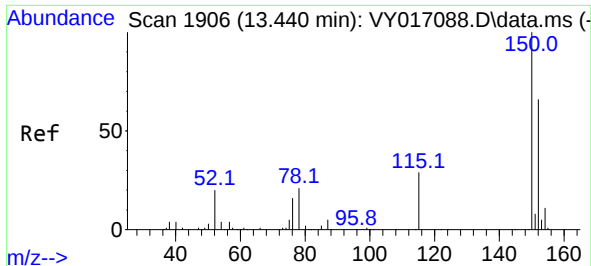
Tgt Ion:	95	Resp:	52681
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	160.0
176	77.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

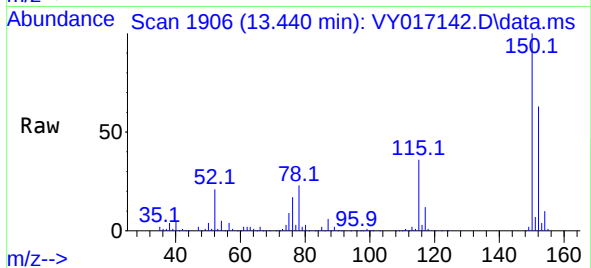
Tgt Ion:	117	Resp:	184860
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.8	65.8
119	32.5	26.5	39.7



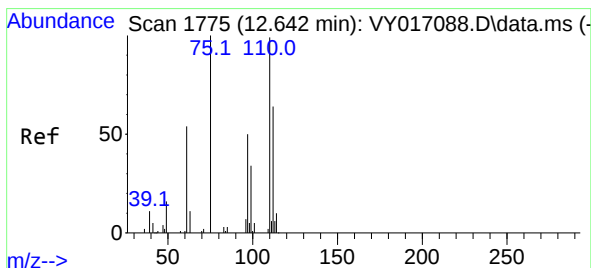
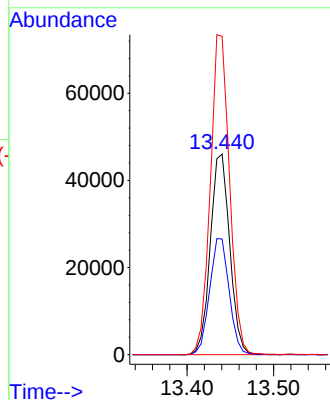
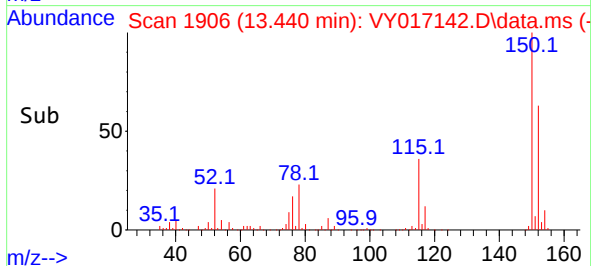


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

Instrument :
MSVOA_Y
ClientSampleId :

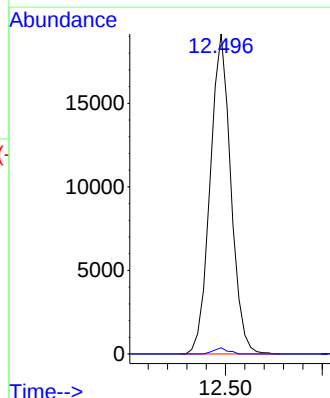
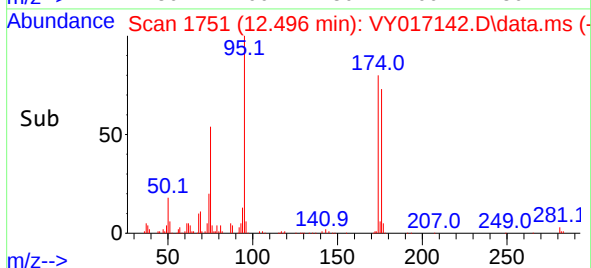
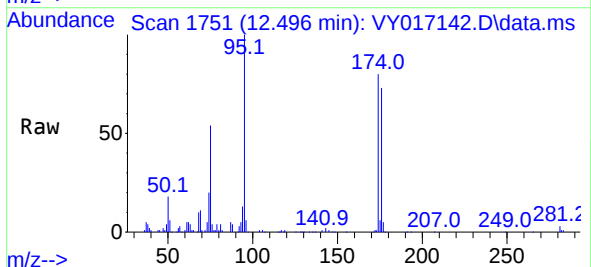


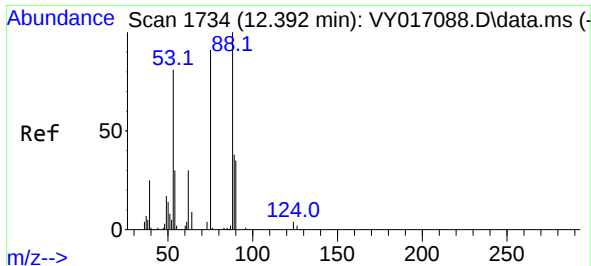
Tgt Ion:152 Resp: 71821
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.0
150 157.9 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 32.672 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY017142.D
Acq: 30 Jan 2024 14:39

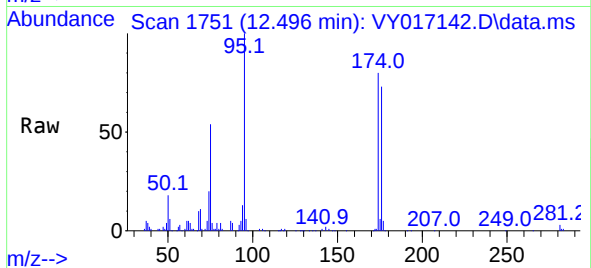
Tgt Ion: 75 Resp: 28482
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.583 ug/l
 RT: 12.496 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VY017142.D
 Acq: 30 Jan 2024 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 28482
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.2 36.5 54.7#

