

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017077.D
 Acq On : 22 Jan 2024 15:52
 Operator : SY/MD
 Sample : P1207-05
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:47:20 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)

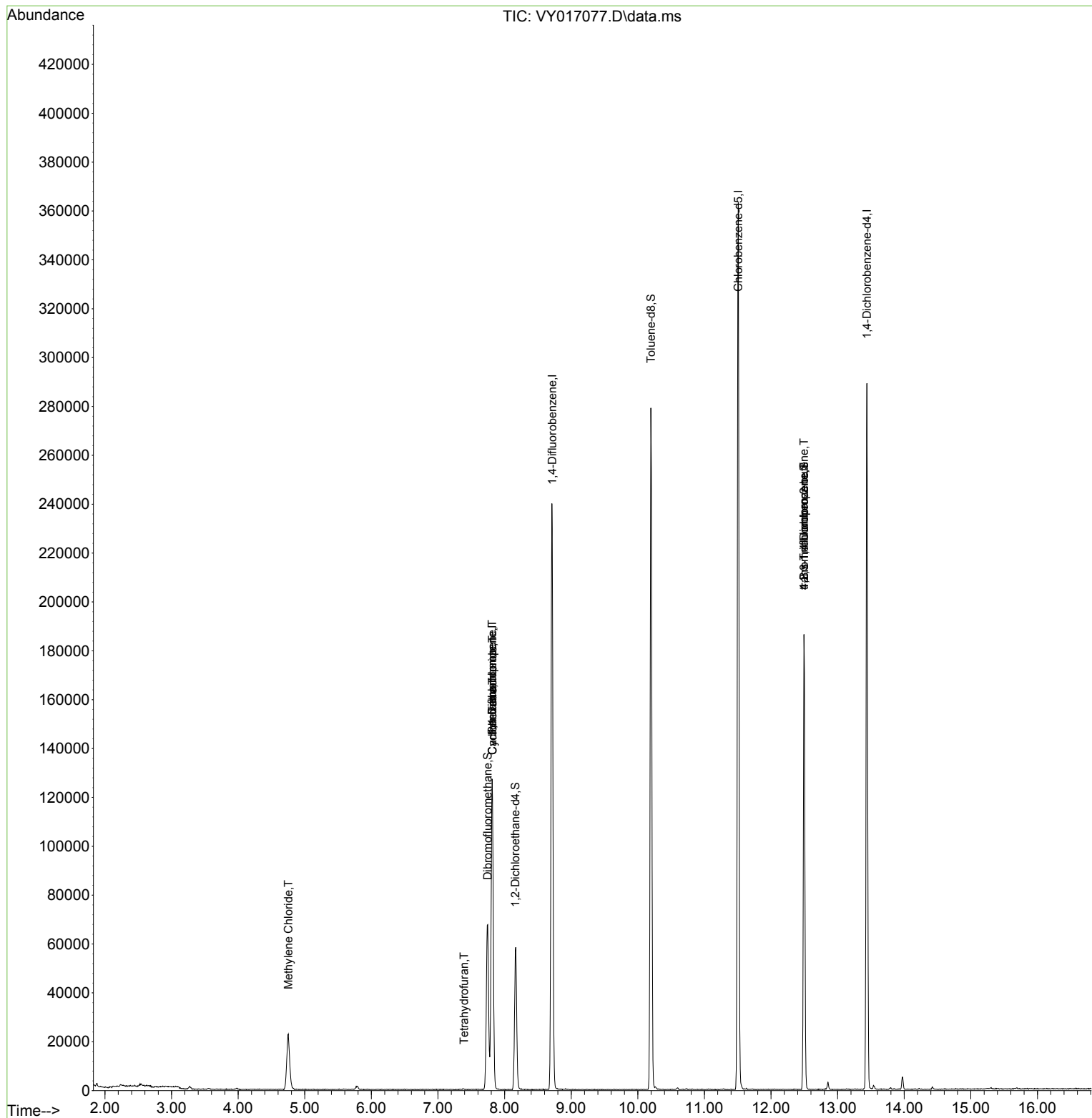
Internal Standards						
1) Pentafluorobenzene	7.813	168	97174	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	208707	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	201218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44725	46.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.746	113	49973	37.575	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.140%
50) Toluene-d8	10.197	98	182546	39.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.720%
62) 4-Bromofluorobenzene	12.495	95	56602	36.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.260%
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	788	Below Cal		97
20) Methylene Chloride	4.753	84	16755	7.244	ug/l	95
25) 2-Butanone	7.015	43	47	Below Cal	#	48
29) Tetrahydrofuran	7.393	42	258	1.327	ug/l #	57
31) Cyclohexane	7.819	56	2348	1.424	ug/l #	25
36) 1,1-Dichloropropene	7.813	75	8285	4.275	ug/l #	49
38) Carbon Tetrachloride	7.819	117	9630	4.890	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	30769	38.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	30769	88.514	ug/l #	12

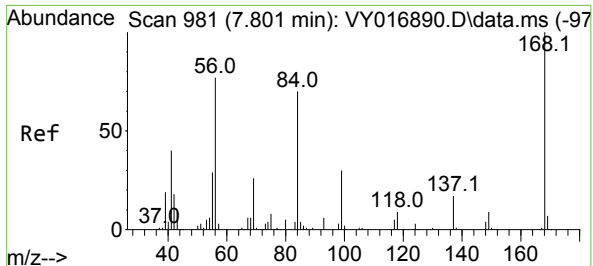
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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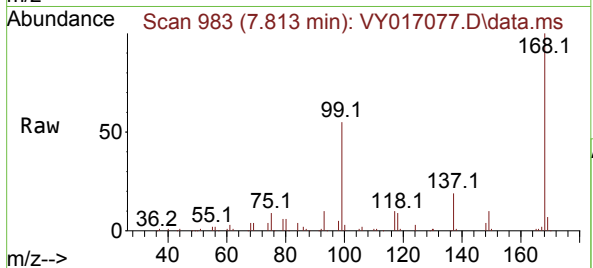
Quant Time: Jan 23 01:47:20 2024
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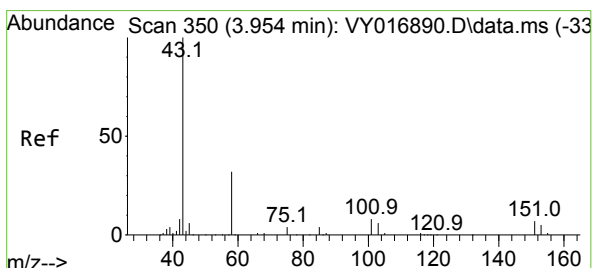
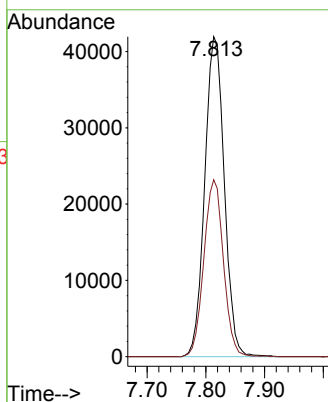
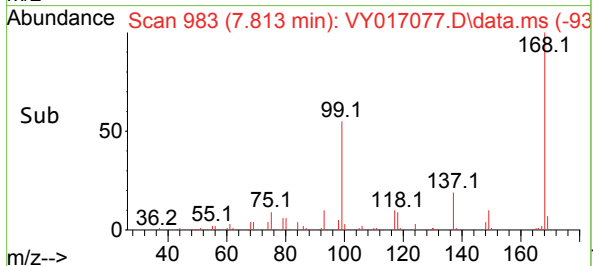


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

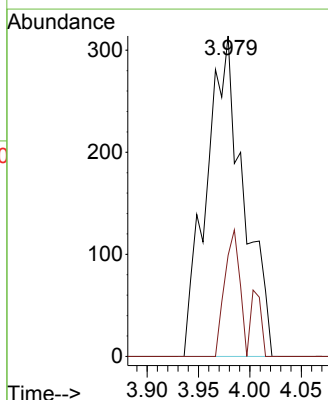
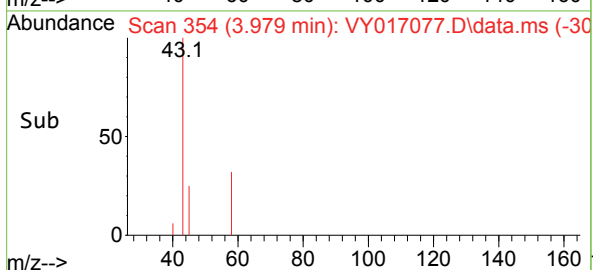
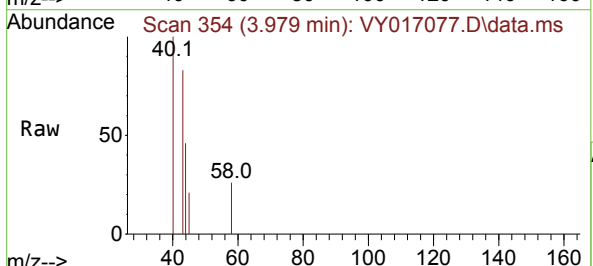


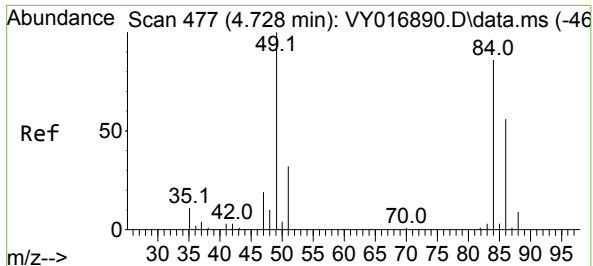
Tgt Ion:168 Resp: 97174
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

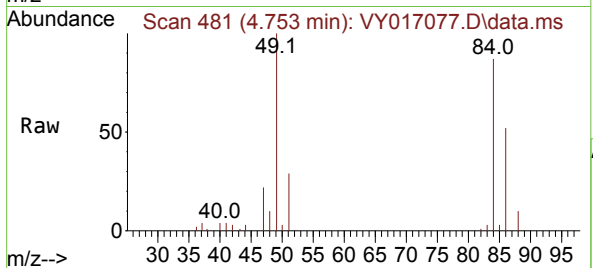
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 31.5 26.6 39.8





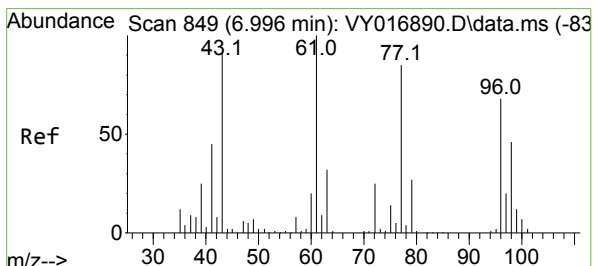
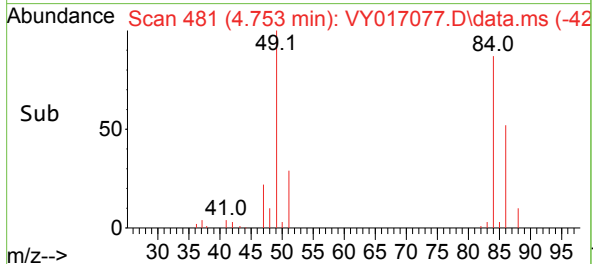
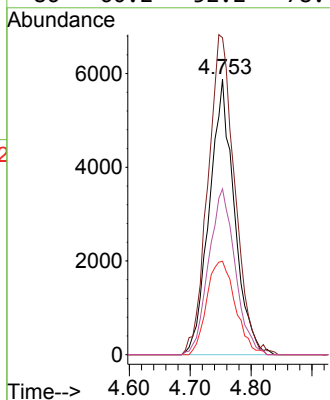
#20
Methylene Chloride
Concen: 7.244 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 16755

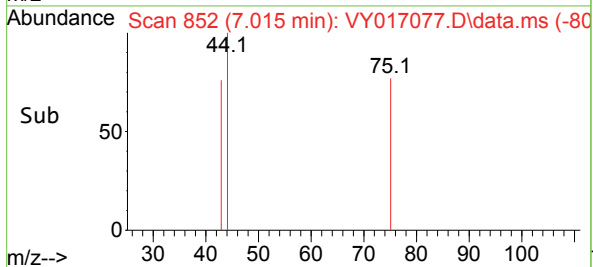
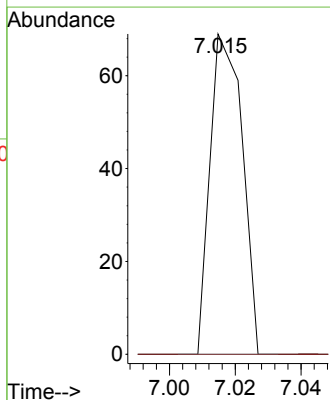
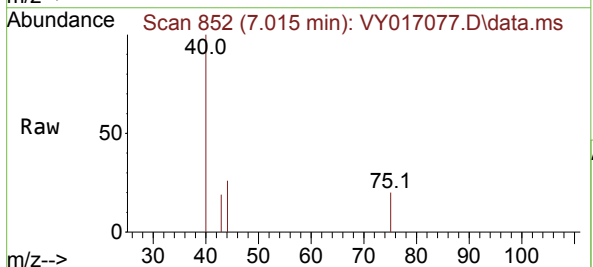
Ion	Ratio	Lower	Upper
84	100		
49	115.1	95.2	142.8
51	33.9	29.9	44.9
86	60.2	52.2	78.4

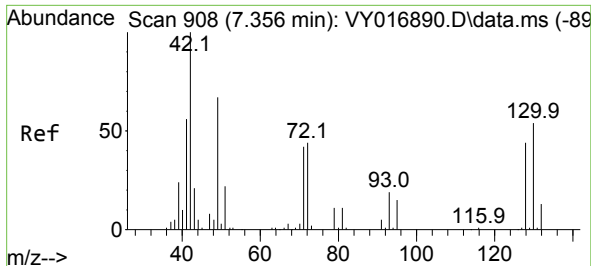


#25
2-Butanone
Concen: Below Cal
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Tgt Ion: 43 Resp: 47

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#





#29

Tetrahydrofuran

Concen: 1.327 ug/l

RT: 7.393 min Scan# 914

Delta R.T. 0.031 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

Instrument :

MSVOA_Y

ClientSampleId :

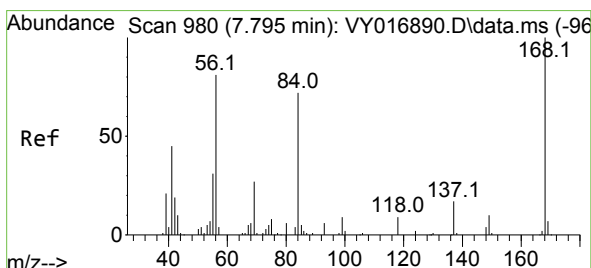
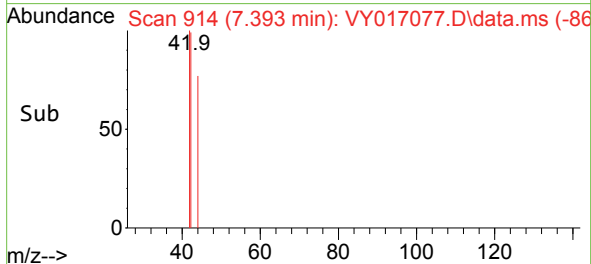
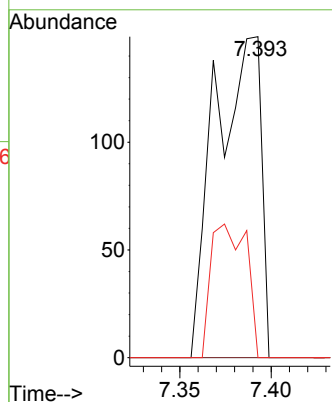
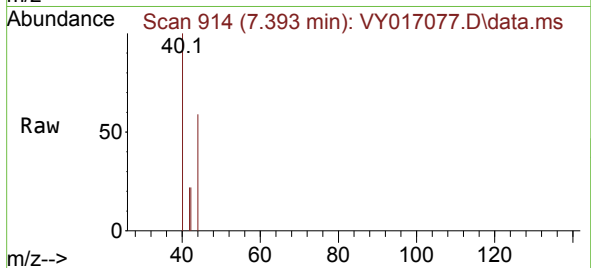
Tgt Ion: 42 Resp: 258

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 32.6 33.8 50.6#



#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.819 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

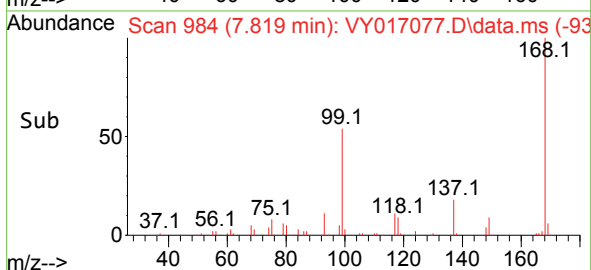
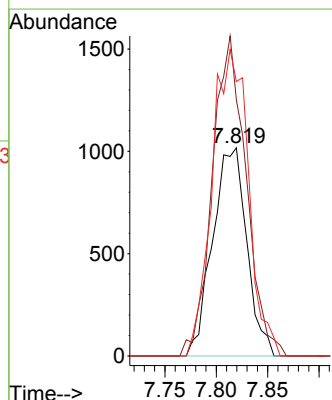
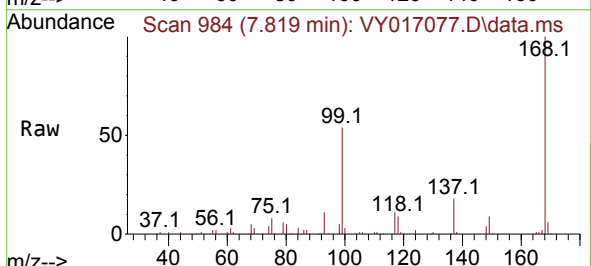
Tgt Ion: 56 Resp: 2348

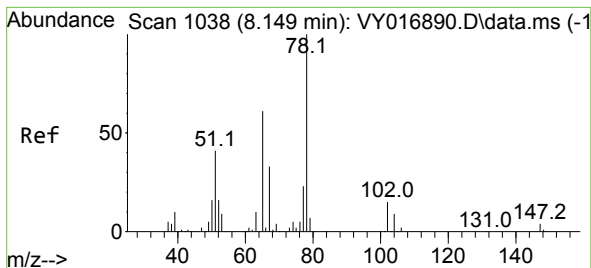
Ion Ratio Lower Upper

56 100

69 123.1 27.0 40.6#

84 131.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 46.568 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

Instrument :

MSVOA_Y

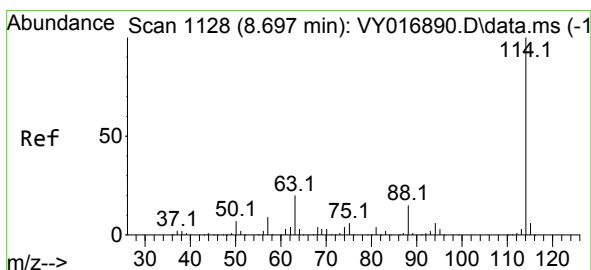
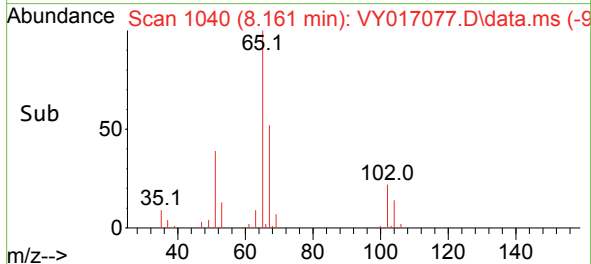
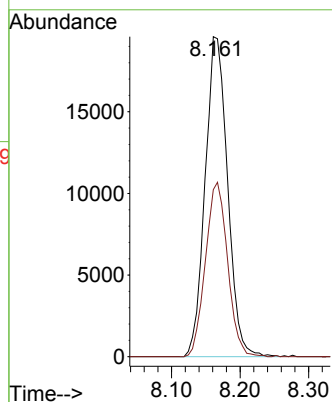
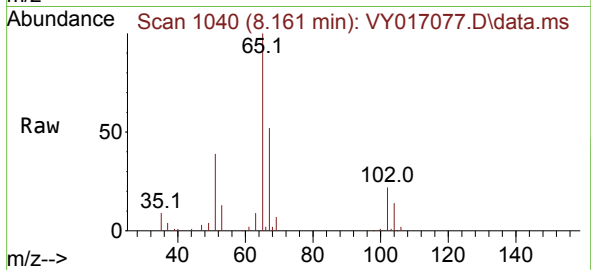
ClientSampleId :

Tgt Ion: 65 Resp: 44725

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017077.D

Acq: 22 Jan 2024 15:52

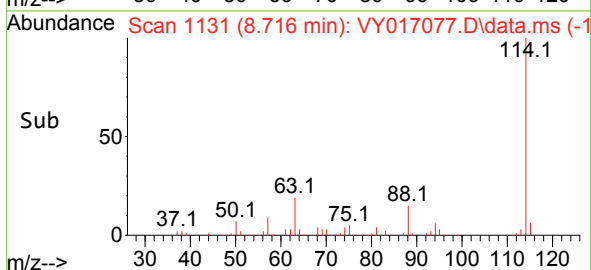
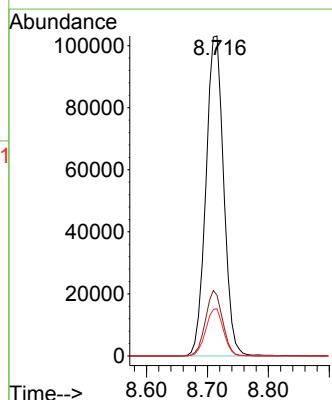
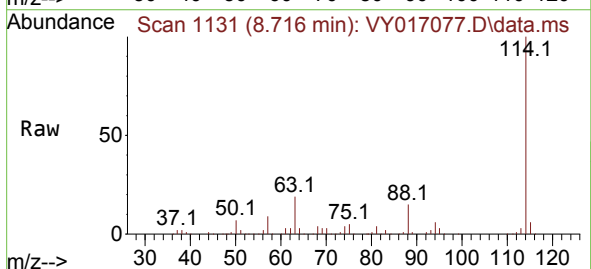
Tgt Ion: 114 Resp: 208707

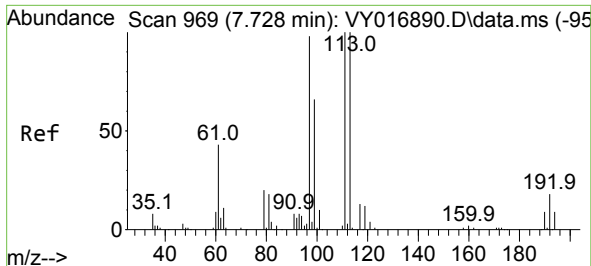
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

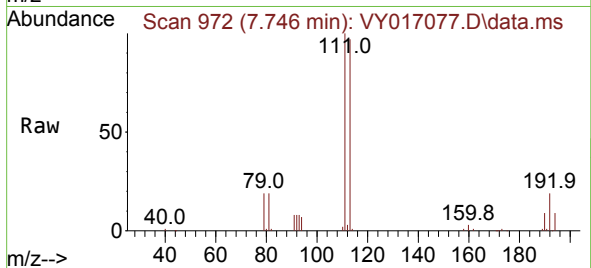
88 14.8 0.0 29.0



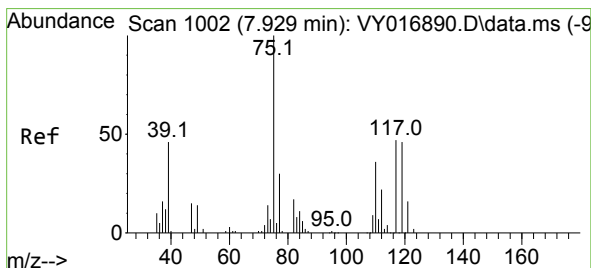
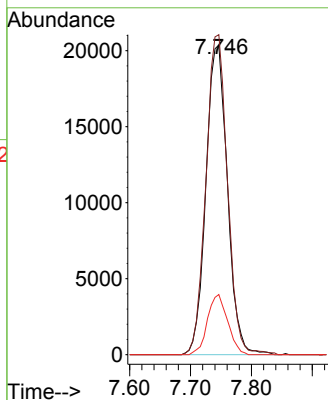
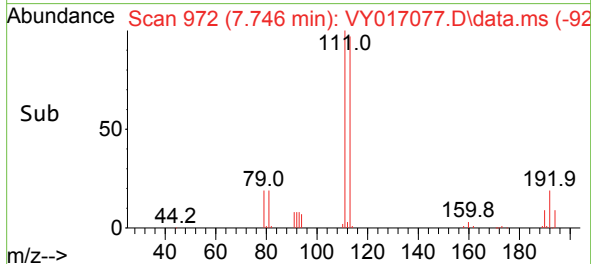


#35
Dibromofluoromethane
Concen: 37.575 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

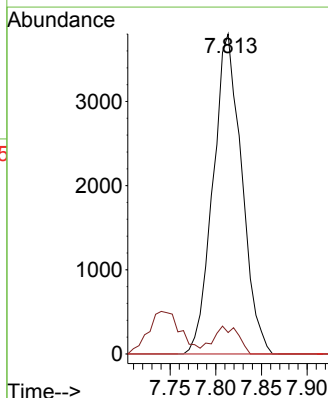
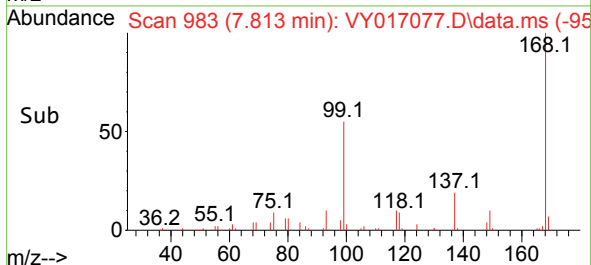
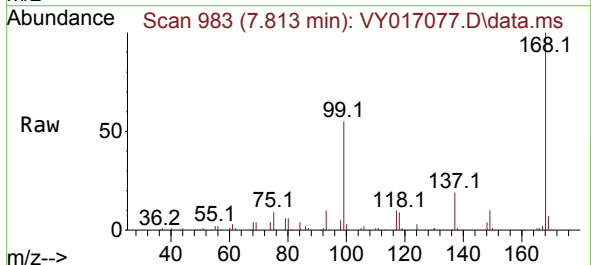


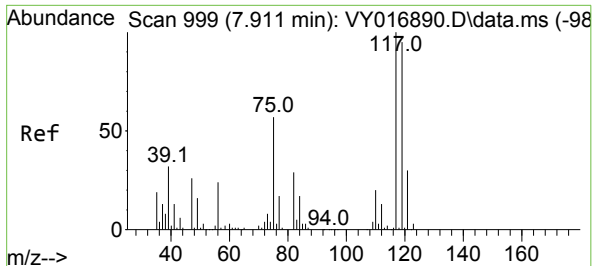
Tgt Ion:113 Resp: 49973
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

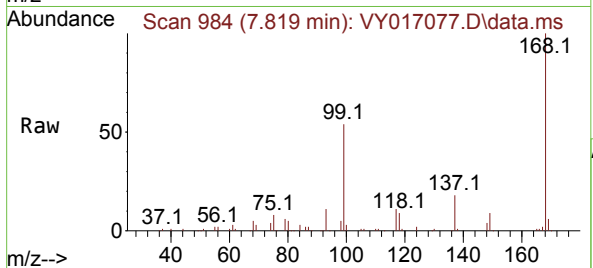
Tgt Ion: 75 Resp: 8285
Ion Ratio Lower Upper
75 100
110 7.5 17.4 52.3#
77 0.0 24.7 37.1#



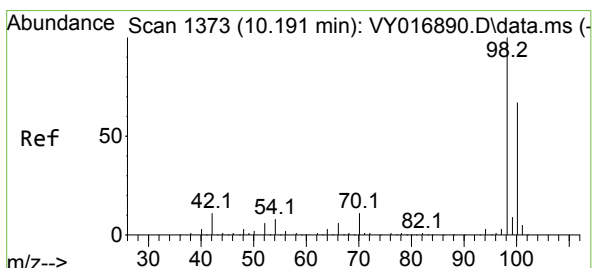
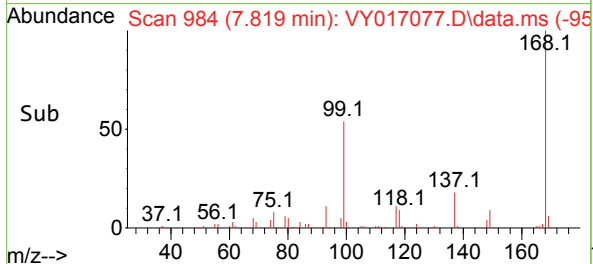
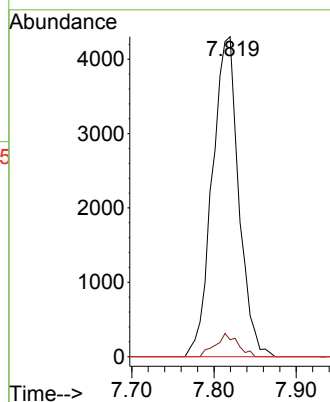


#38
Carbon Tetrachloride
Concen: 4.890 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Instrument :
MSVOA_Y
ClientSampleId :

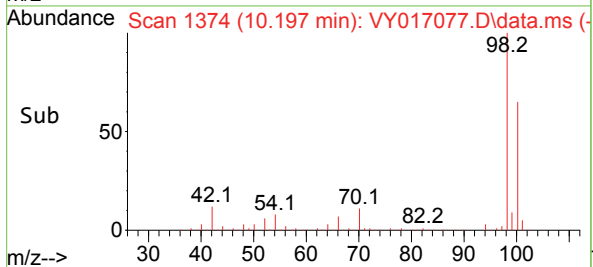
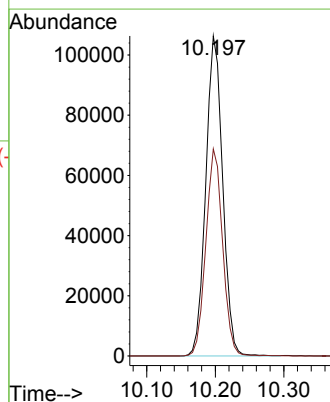
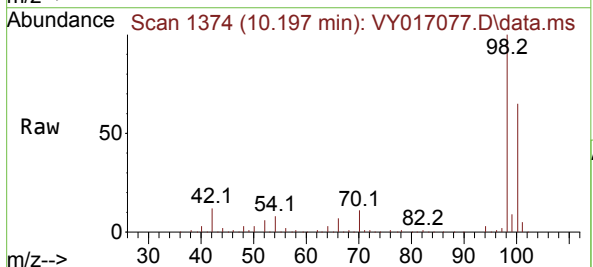


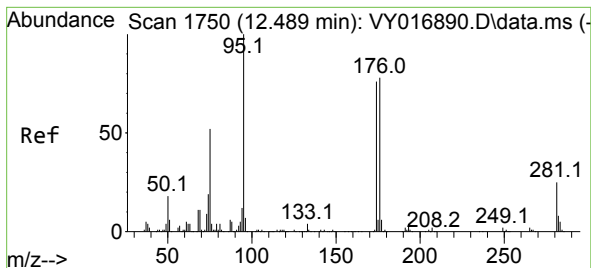
Tgt Ion:117 Resp: 9630
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.860 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Tgt Ion: 98 Resp: 182546
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

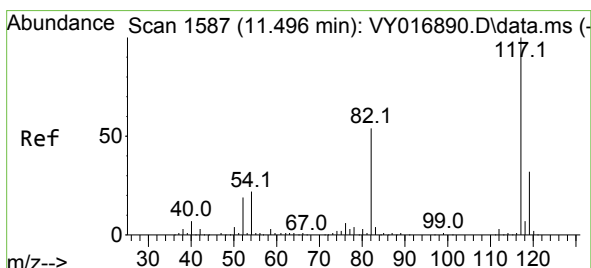
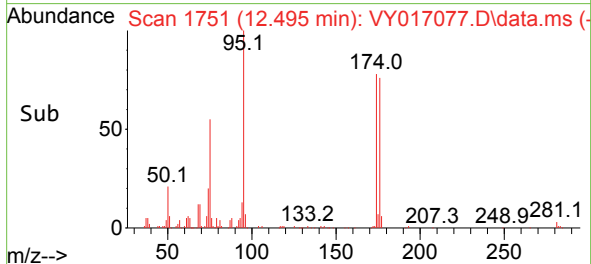
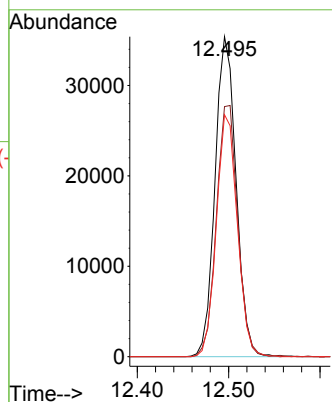
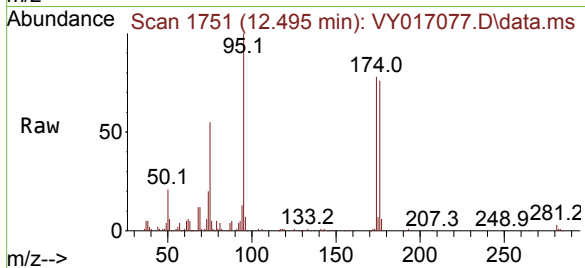




#62
4-Bromofluorobenzene
Concen: 36.632 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

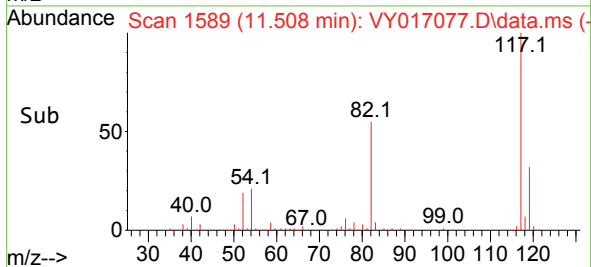
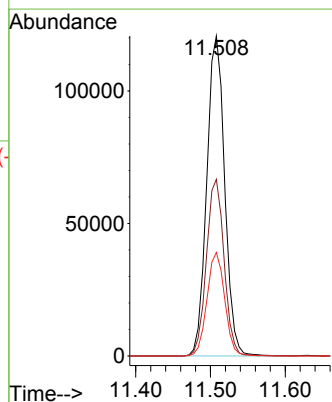
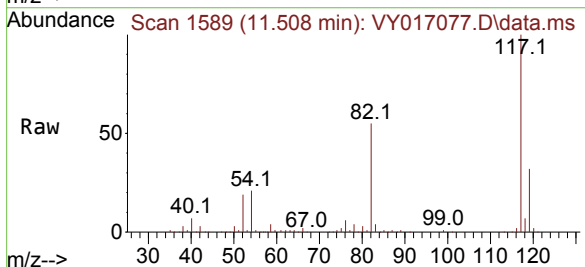
Instrument :
MSVOA_Y
ClientSampleId :

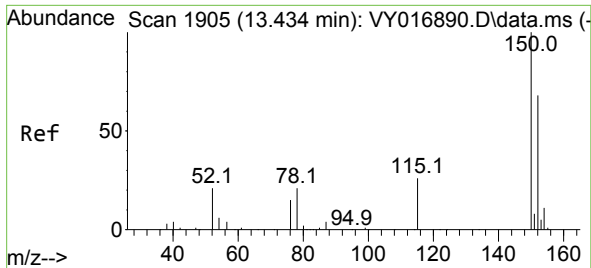
Tgt Ion: 95 Resp: 56602
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 75.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017077.D
Acq: 22 Jan 2024 15:52

Tgt Ion: 117 Resp: 201218
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.4 26.5 39.7

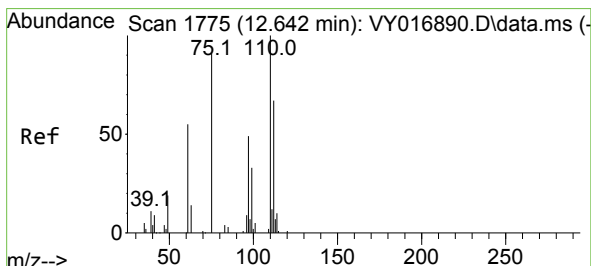
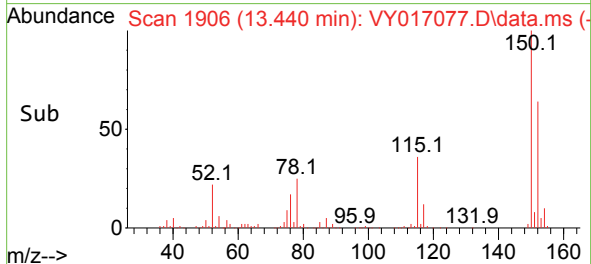
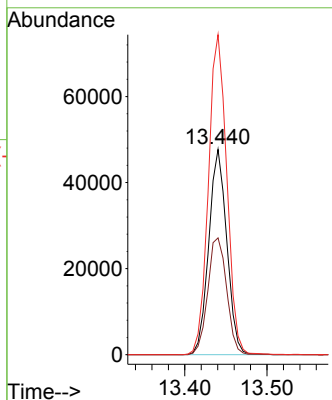
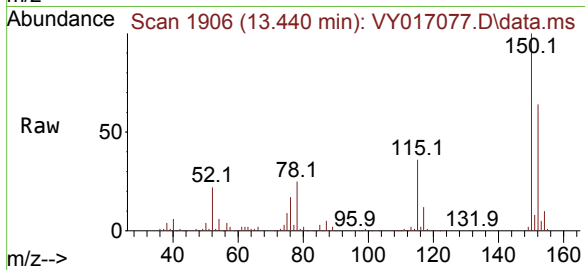




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017077.D
 Acq: 22 Jan 2024 15:52

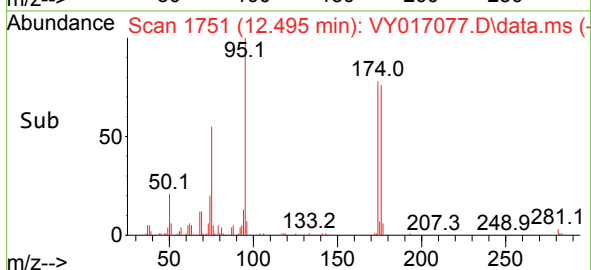
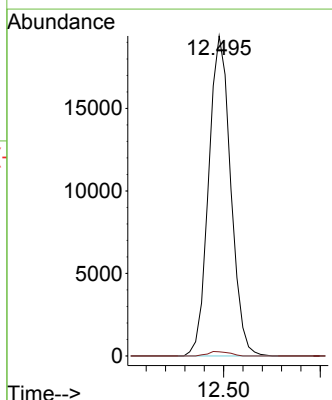
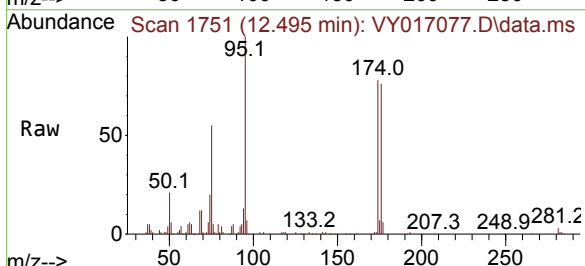
Instrument :
 MSVOA_Y
 ClientSampleId :

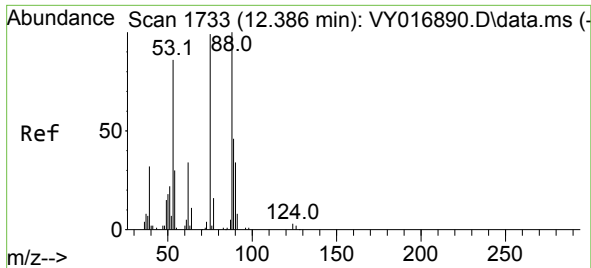
Tgt Ion:152 Resp: 72739
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.0 90.0
 150 158.8 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 38.980 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. -0.147 min
 Lab File: VY017077.D
 Acq: 22 Jan 2024 15:52

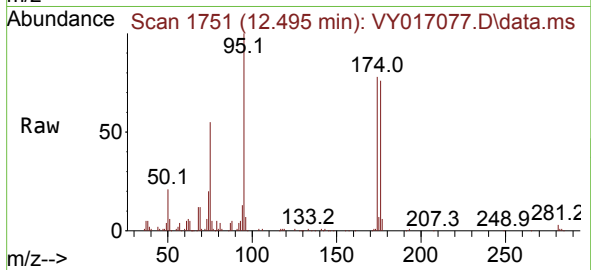
Tgt Ion: 75 Resp: 30769
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.514 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017077.D
 Acq: 22 Jan 2024 15:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30769
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

