

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018770.D
 Acq On : 10 Jul 2024 16:37
 Operator : SY/MD
 Sample : P3187-07
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:25:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

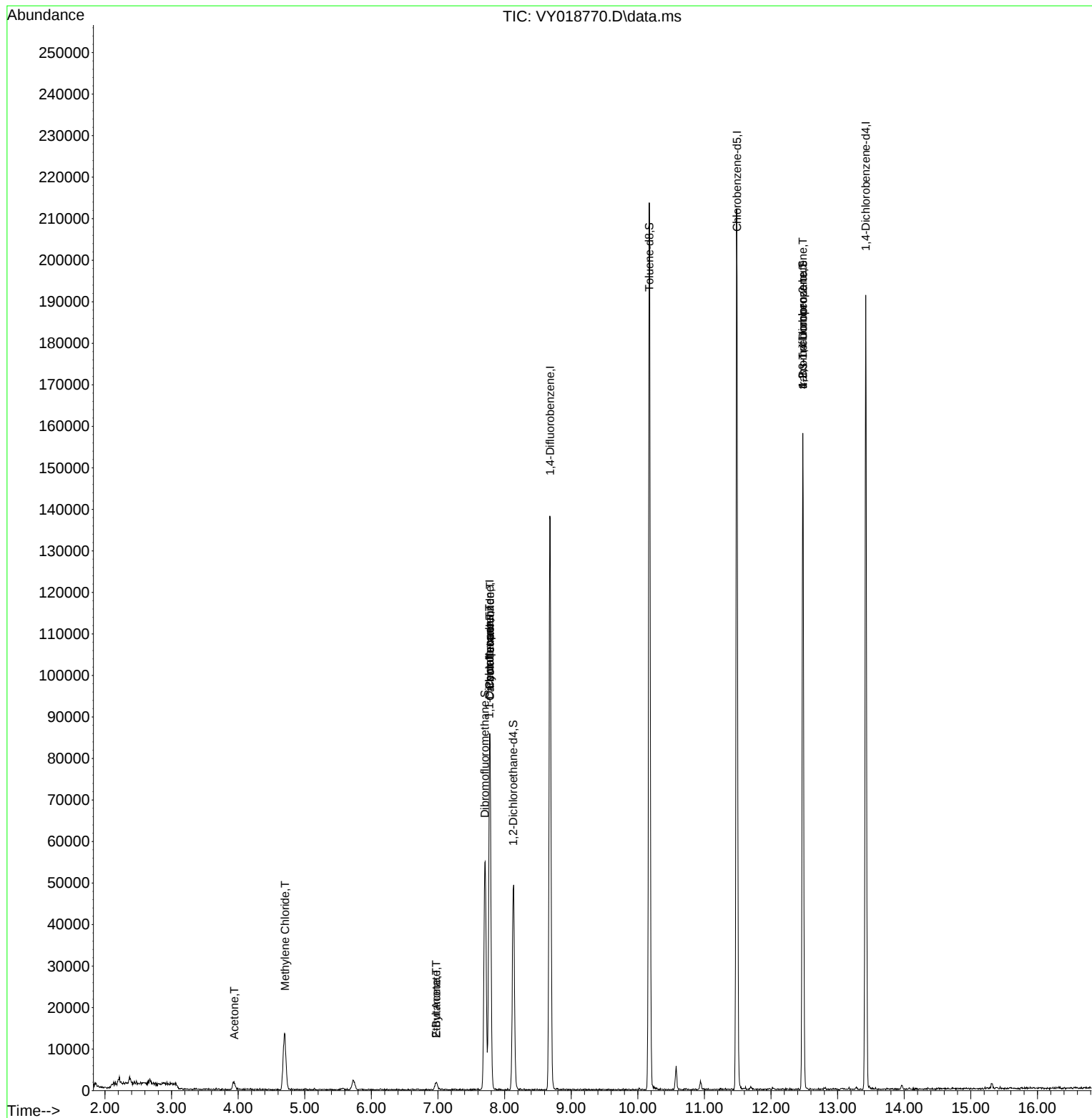
Internal Standards						
1) Pentafluorobenzene	7.777	168	68544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	123617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	112509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38306	56.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.704	113	38729	50.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.173	98	139871	47.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.477	95	44802	44.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.440%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	3560	28.629	ug/l #	68
20) Methylene Chloride	4.704	84	10253	10.653	ug/l #	89
25) 2-Butanone	6.972	43	1062	6.093	ug/l #	83
31) Cyclohexane	7.777	56	1342	1.295	ug/l #	42
36) 1,1-Dichloropropene	7.771	75	5274	4.936	ug/l #	45
37) Ethyl Acetate	6.972	43	1062	2.391	ug/l #	67
38) Carbon Tetrachloride	7.783	117	6381	4.958	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	25385	66.662	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25385	149.194	ug/l #	16

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

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Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

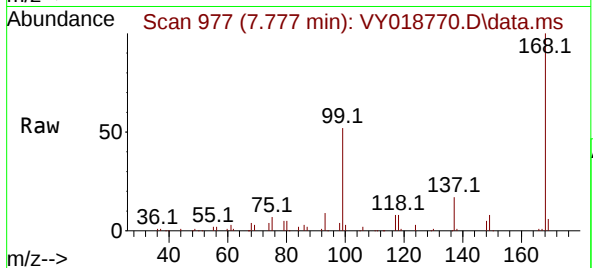
Quant Time: Jul 11 02:25:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



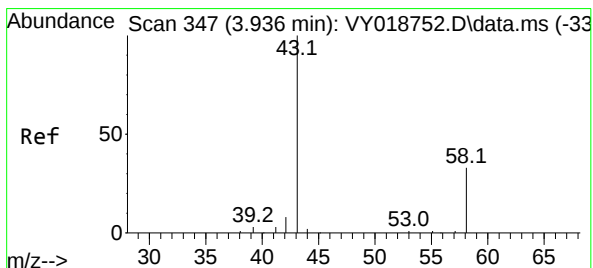
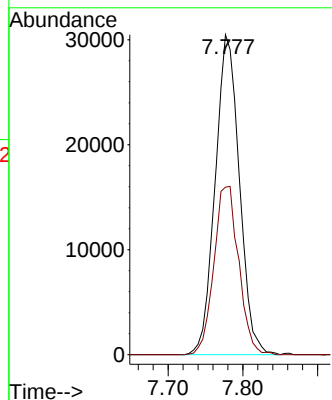
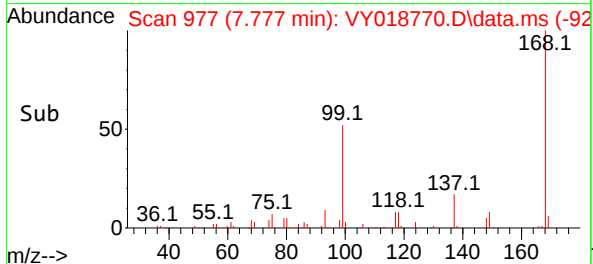


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

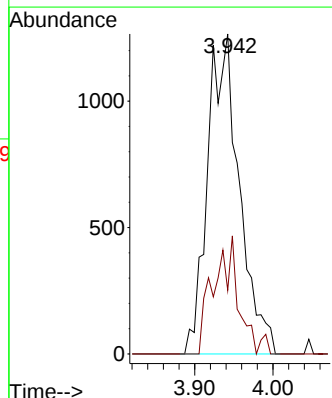
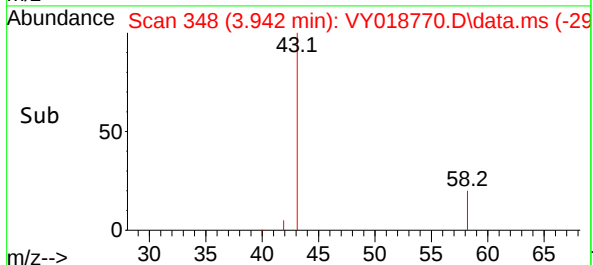
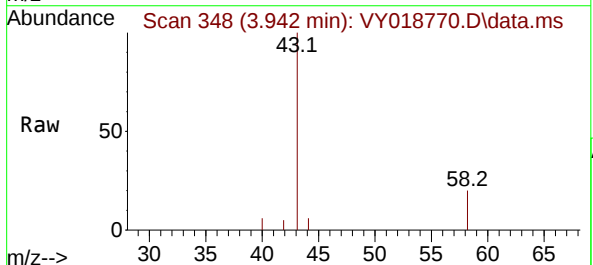


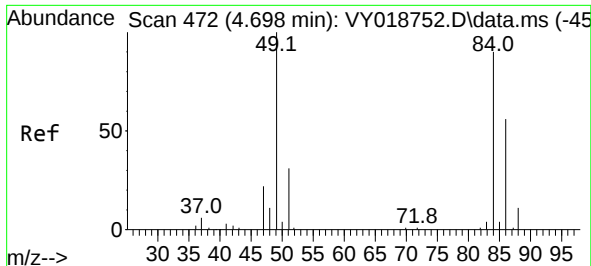
Tgt Ion:168 Resp: 68544
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#16
Acetone
Concen: 28.629 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

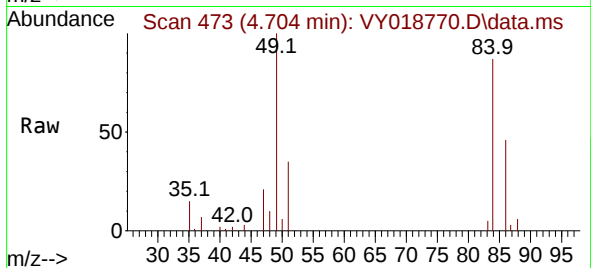
Tgt Ion: 43 Resp: 3560
Ion Ratio Lower Upper
43 100
58 19.9 31.7 47.5#



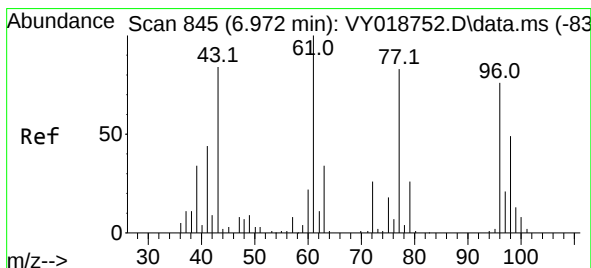
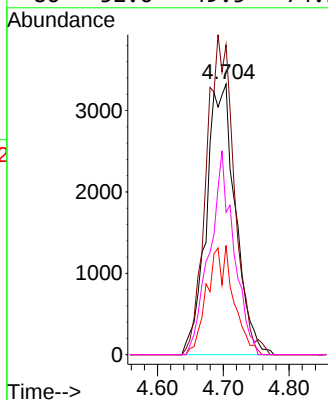
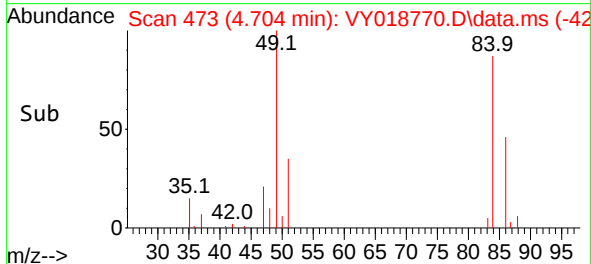


#20
Methylene Chloride
Concen: 10.653 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

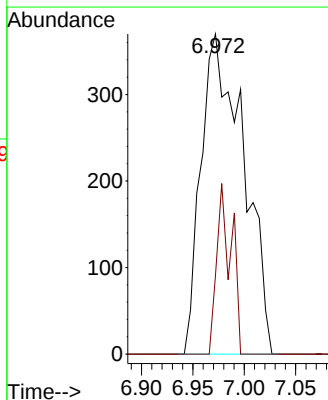
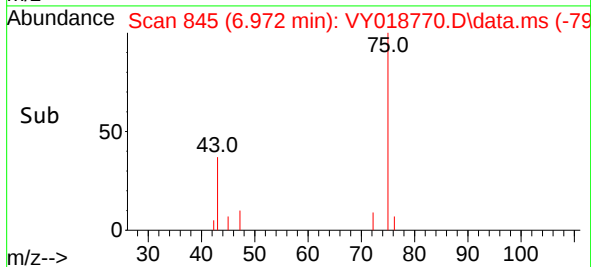
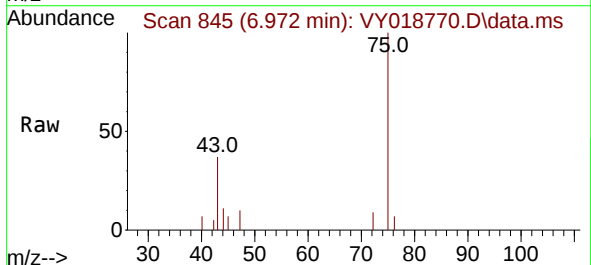


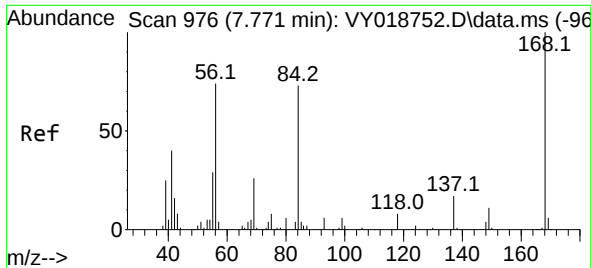
Tgt Ion: 84	Resp: 10253
Ion Ratio	Lower Upper
84 100	
49 114.5	84.4 126.6
51 40.4	26.0 39.0#
86 52.6	49.5 74.3



#25
2-Butanone
Concen: 6.093 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

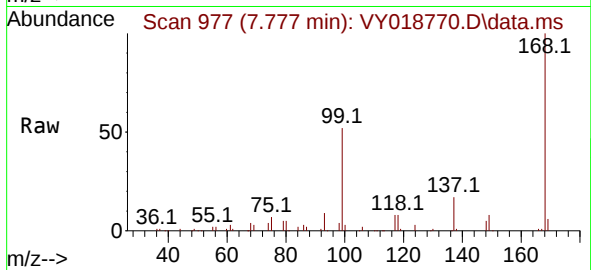
Tgt Ion: 43	Resp: 1062
Ion Ratio	Lower Upper
43 100	
72 24.6	27.3 40.9#



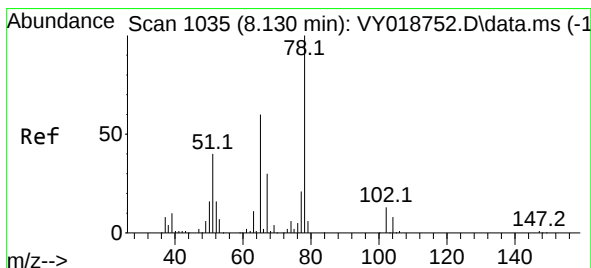
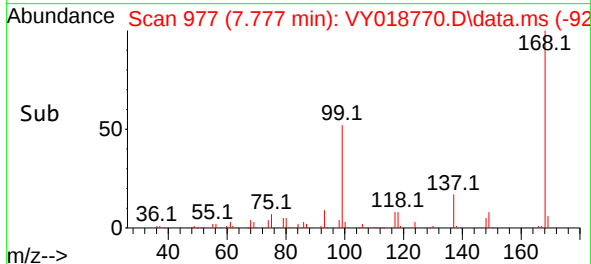
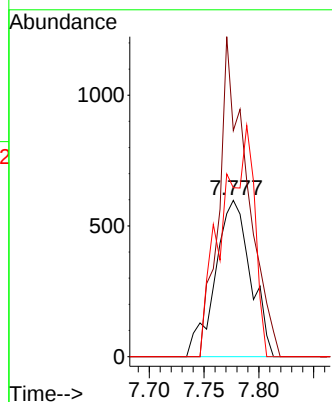


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

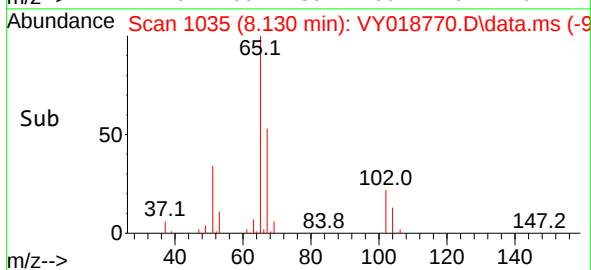
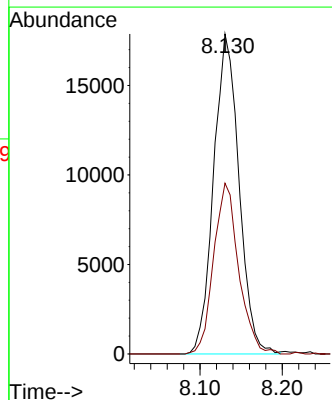
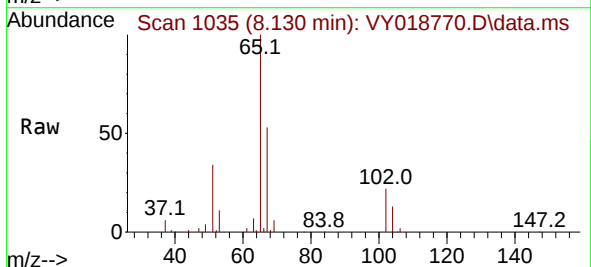


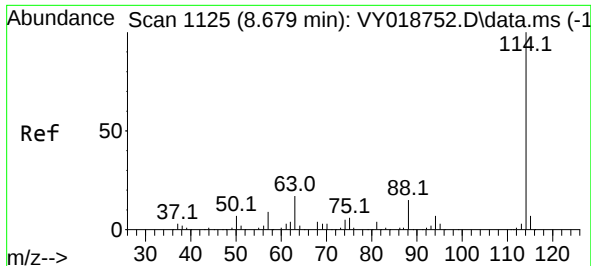
Tgt Ion: 56 Resp: 1342
Ion Ratio Lower Upper
56 100
69 144.6 28.7 43.1#
84 108.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 56.793 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 65 Resp: 38306
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018770.D

Acq: 10 Jul 2024 16:37

Instrument :

MSVOA_Y

ClientSampleId :

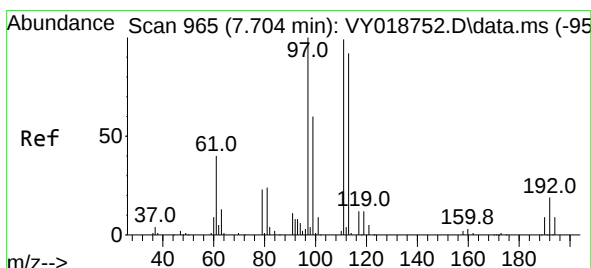
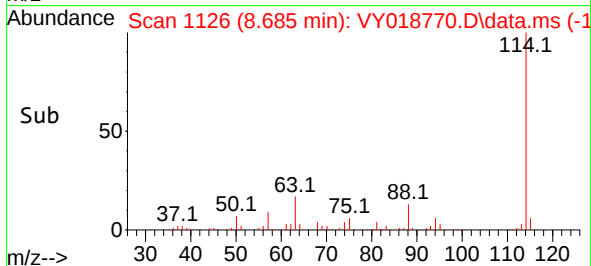
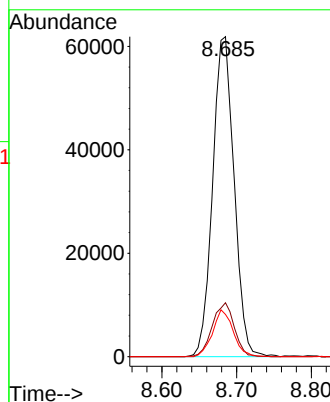
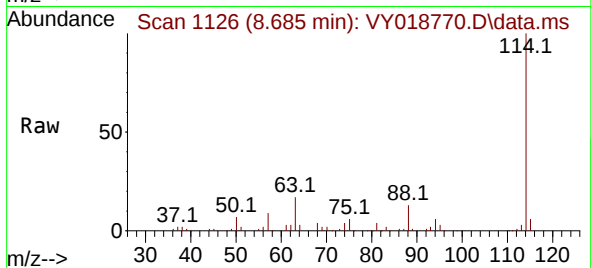
Tgt Ion:114 Resp: 123617

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.022 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018770.D

Acq: 10 Jul 2024 16:37

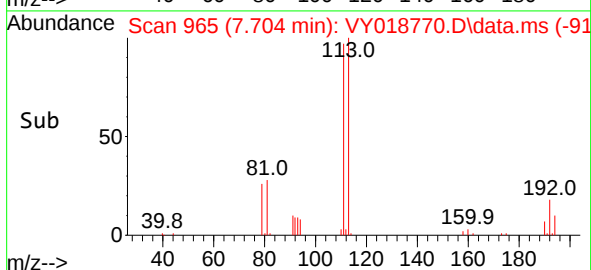
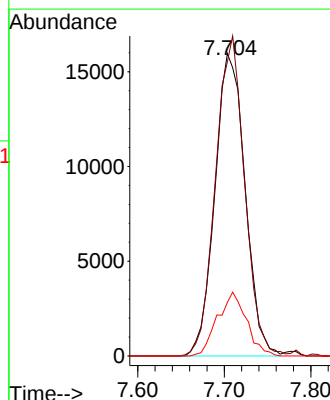
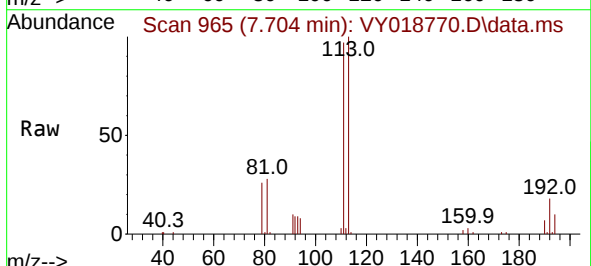
Tgt Ion:113 Resp: 38729

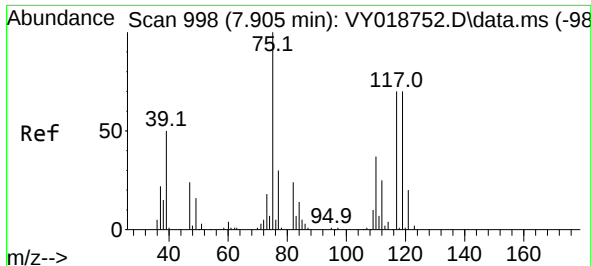
Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

192 20.3 15.9 23.9

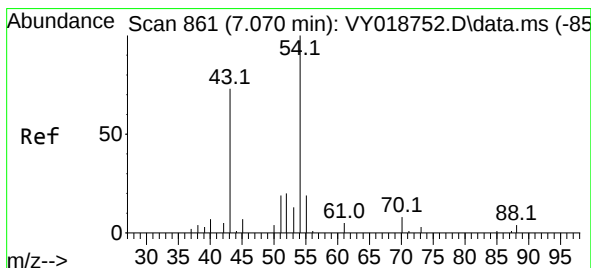
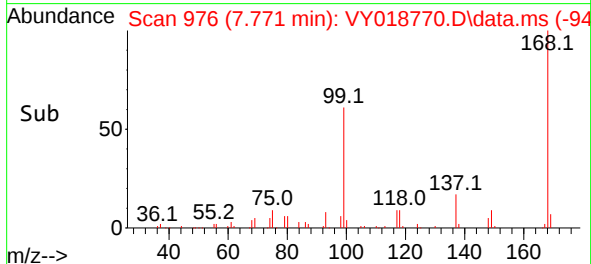
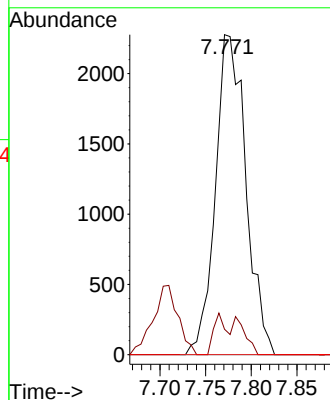
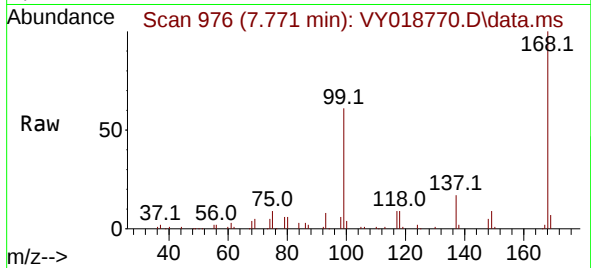




#36
 1,1-Dichloropropene
 Concen: 4.936 ug/l
 RT: 7.771 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018770.D
 Acq: 10 Jul 2024 16:37

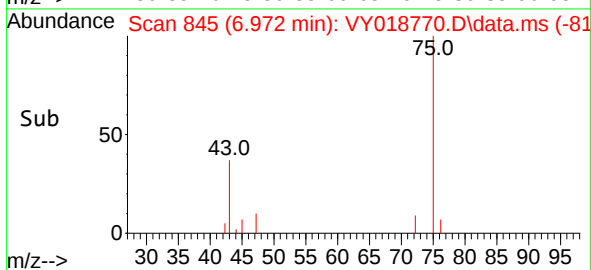
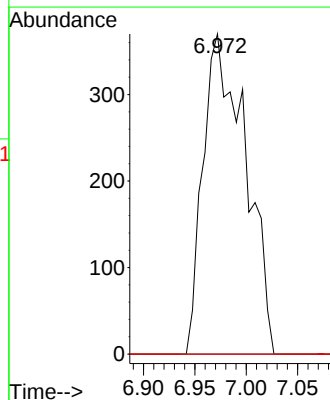
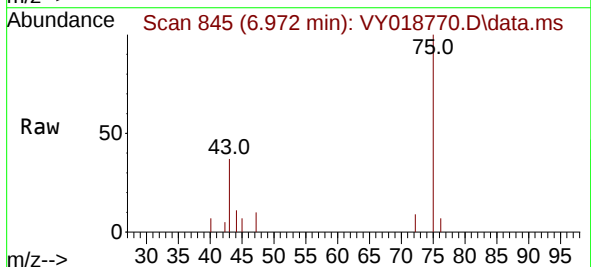
Instrument :
 MSVOA_Y
 ClientSampleId :

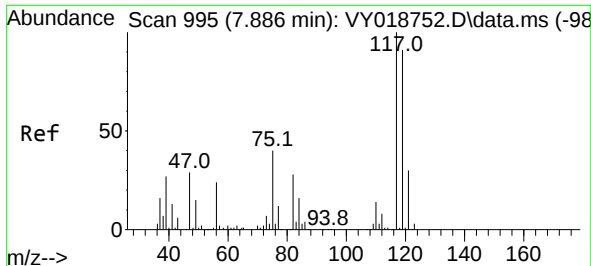
Tgt Ion: 75 Resp: 5274
 Ion Ratio Lower Upper
 75 100
 110 5.6 19.0 57.0#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 2.391 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.098 min
 Lab File: VY018770.D
 Acq: 10 Jul 2024 16:37

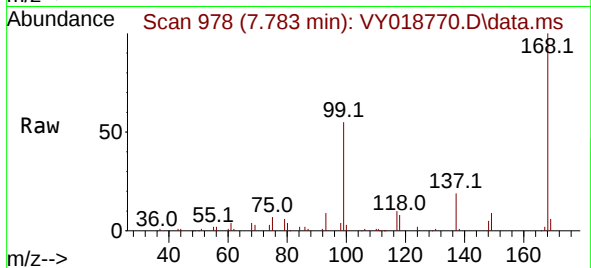
Tgt Ion: 43 Resp: 1062
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 19.0#
 70 0.0 7.8 11.8#



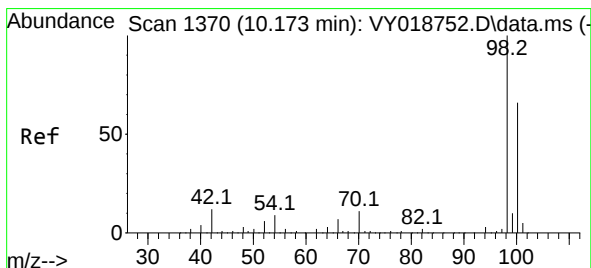
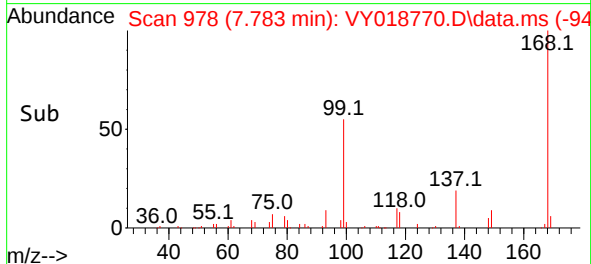
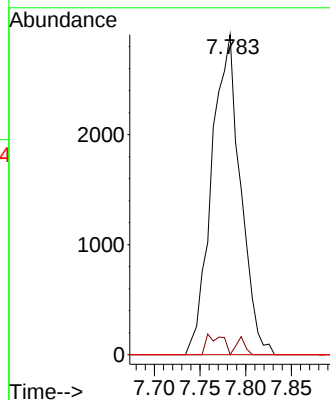


#38
Carbon Tetrachloride
Concen: 4.958 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :

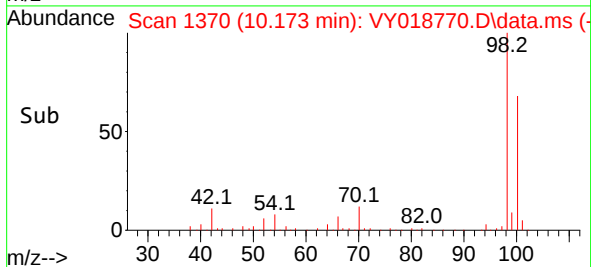
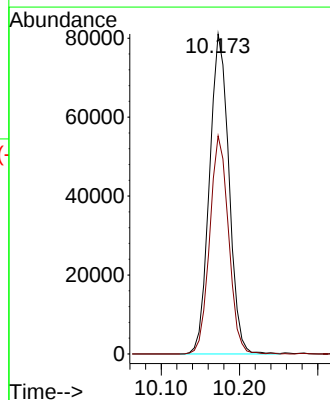
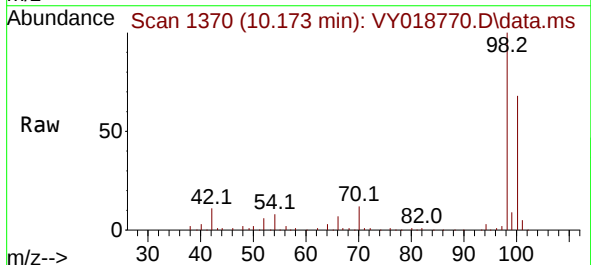


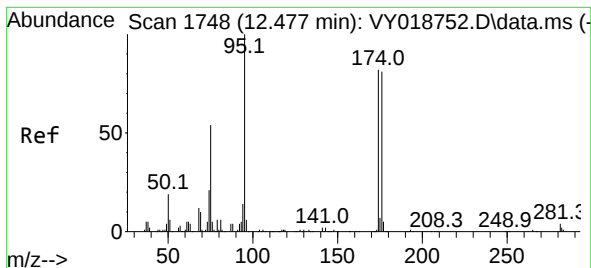
Tgt Ion:117 Resp: 6381
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.684 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 98 Resp: 139871
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

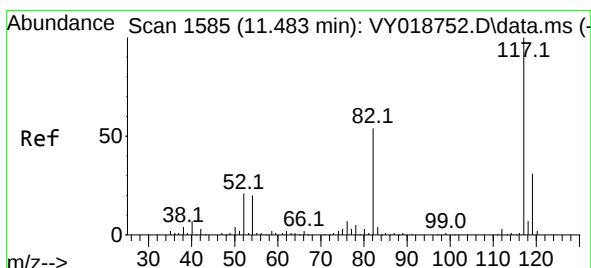
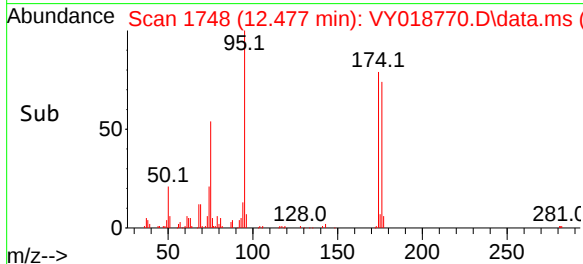
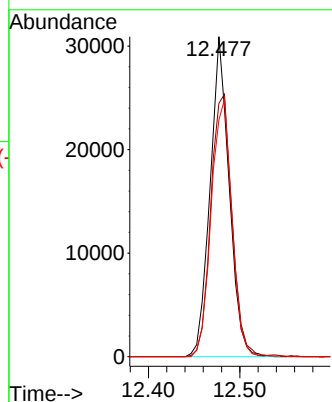
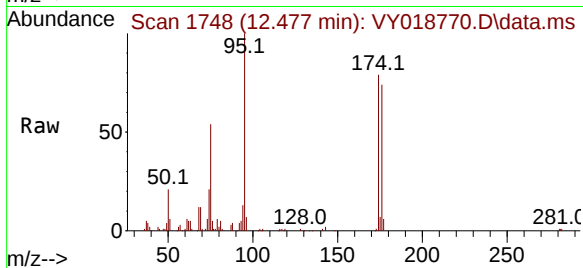




#62
4-Bromofluorobenzene
Concen: 44.725 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

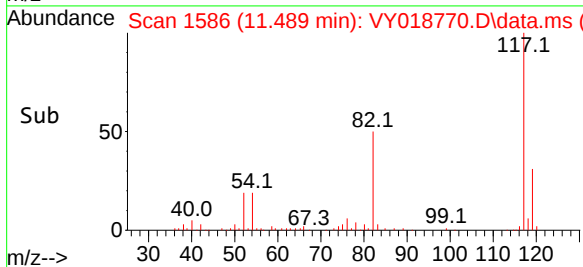
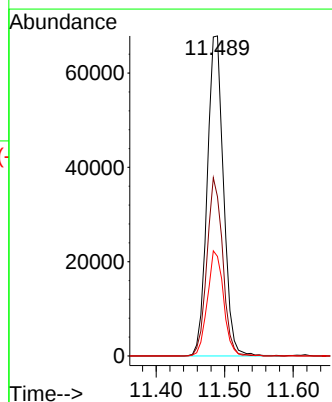
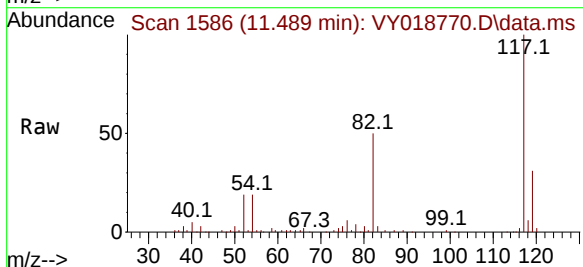
Instrument :
MSVOA_Y
ClientSampleId :

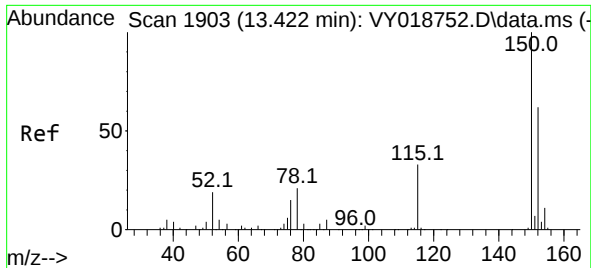
Tgt Ion: 95 Resp: 44802
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 87.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Tgt Ion: 117 Resp: 112509
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.1 25.9 38.9

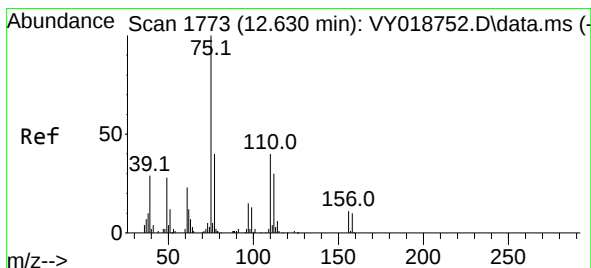
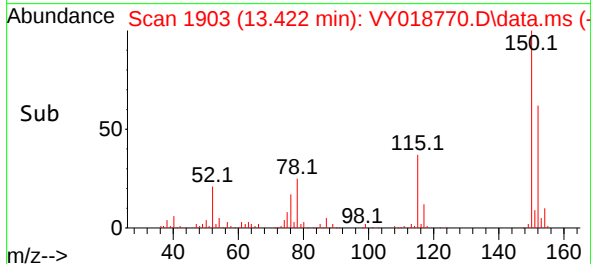
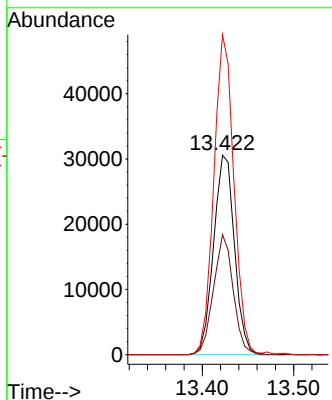
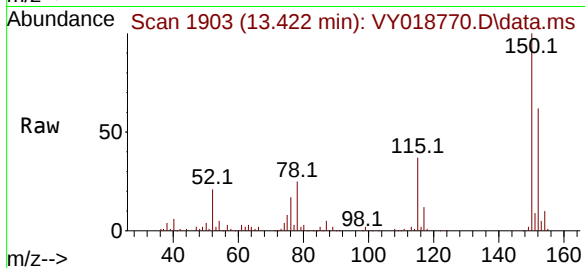




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018770.D
 Acq: 10 Jul 2024 16:37

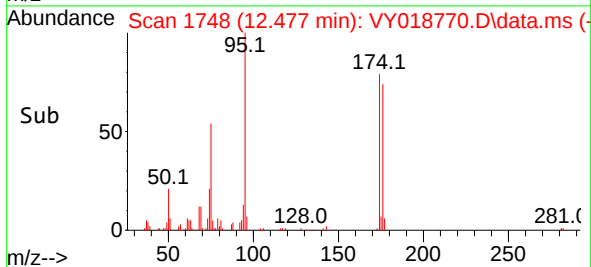
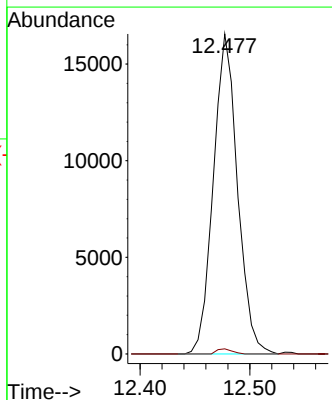
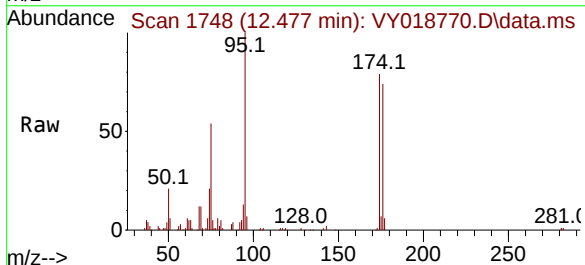
Instrument :
 MSVOA_Y
 ClientSampleId :

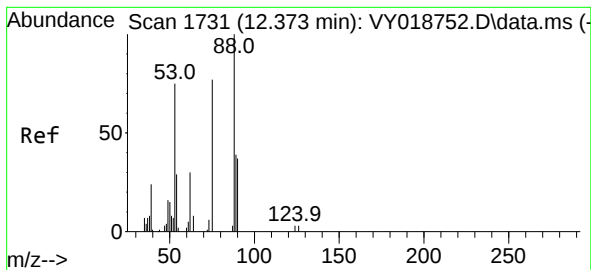
Tgt Ion:152 Resp: 48620
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 154.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 66.662 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018770.D
 Acq: 10 Jul 2024 16:37

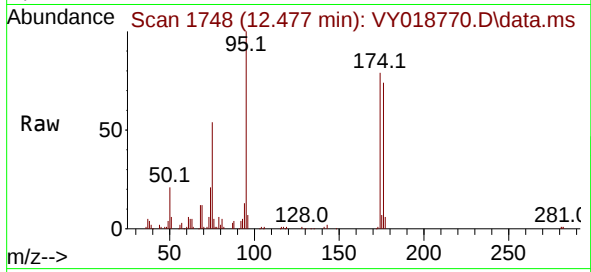
Tgt Ion: 75 Resp: 25385
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 149.194 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018770.D
Acq: 10 Jul 2024 16:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

