

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018821.D
 Acq On : 15 Jul 2024 18:38
 Operator : SY/MD
 Sample : P3248-01
 Misc : 7.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 16 01:29:24 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)

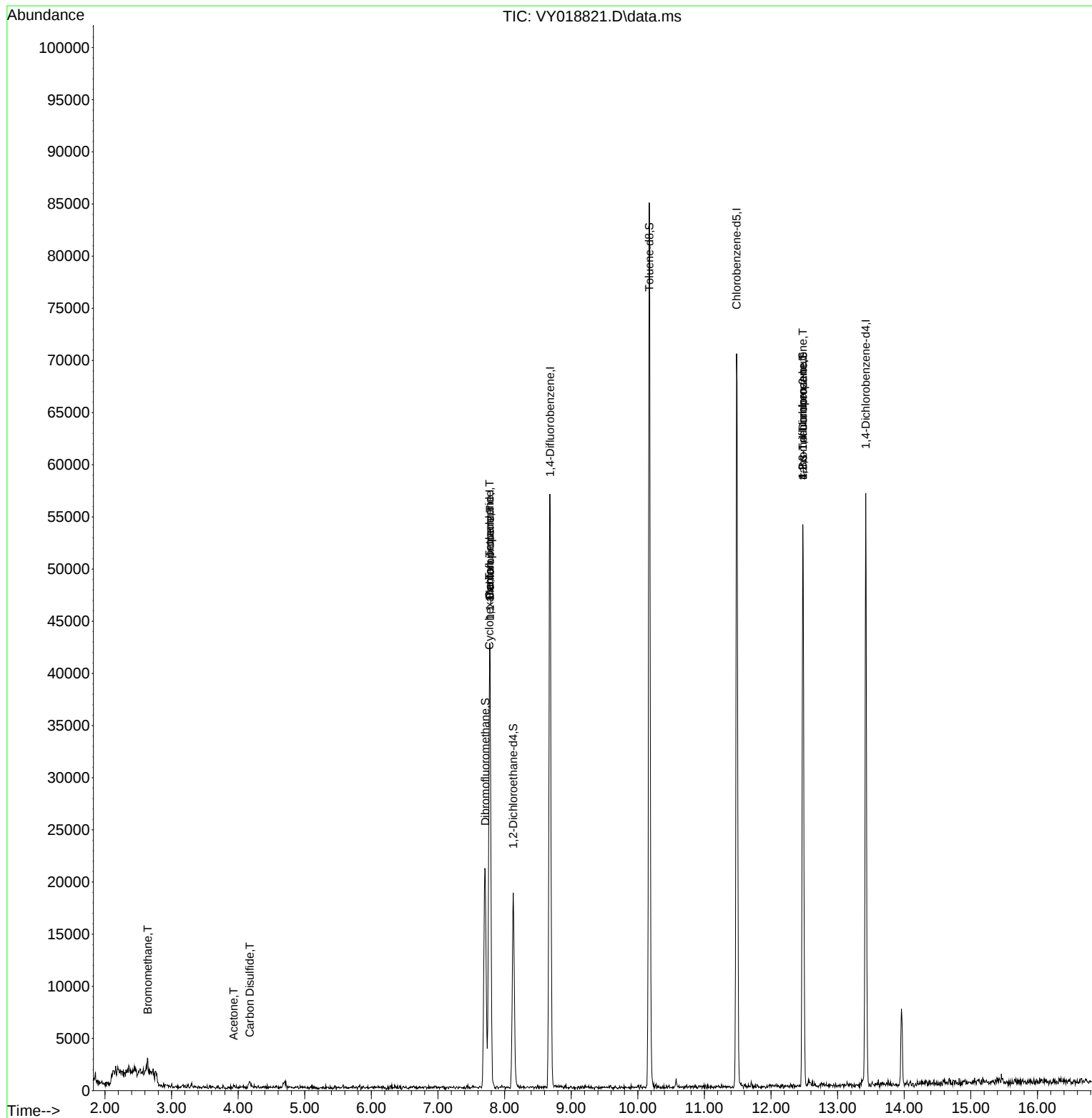
Internal Standards						
1) Pentafluorobenzene	7.777	168	34073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	39623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	14122	42.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.240%
35) Dibromofluoromethane	7.710	113	14662	44.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.820%
50) Toluene-d8	10.172	98	54413	43.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.980%
62) 4-Bromofluorobenzene	12.477	95	14843	35.141	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.280%
Target Compounds						Qvalue
5) Bromomethane	2.643	94	369	1.057	ug/l #	51
16) Acetone	3.930	43	249	4.028	ug/l #	36
17) Carbon Disulfide	4.174	76	974	1.057	ug/l #	76
20) Methylene Chloride	4.673	84	241	Below Cal	#	54
31) Cyclohexane	7.770	56	689	1.338	ug/l #	25
36) 1,1-Dichloropropene	7.783	75	2299	5.103	ug/l #	49
38) Carbon Tetrachloride	7.777	117	3518	6.483	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	8310	80.318	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8310	179.757	ug/l #	16

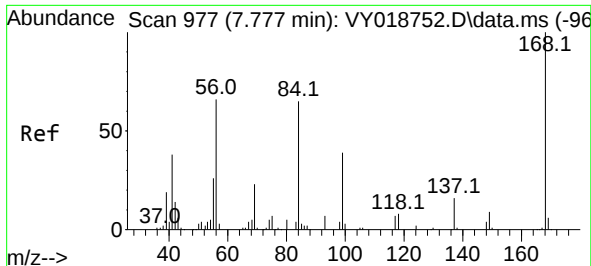
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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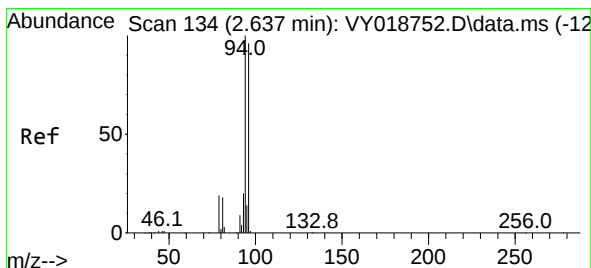
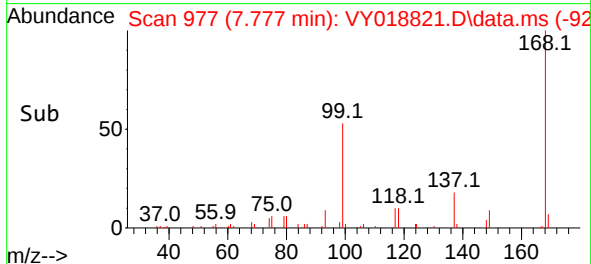
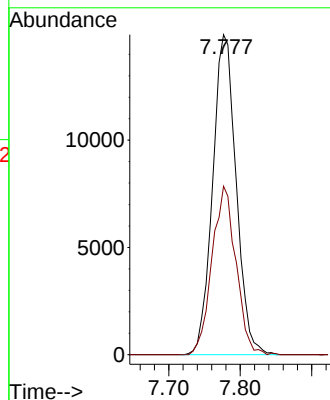
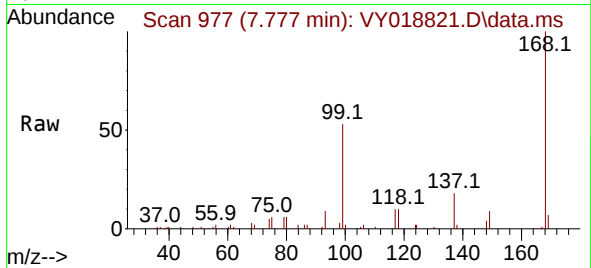




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

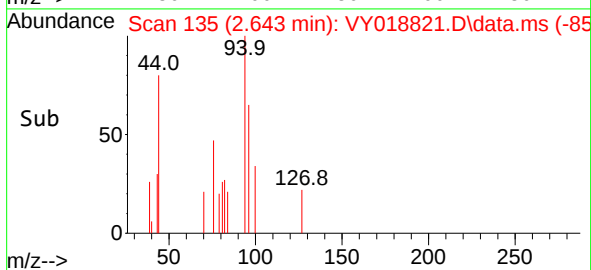
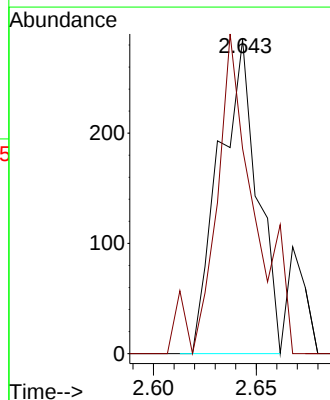
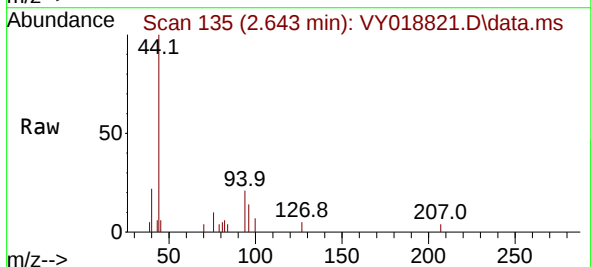
Instrument :
MSVOA_Y
ClientSampleId :

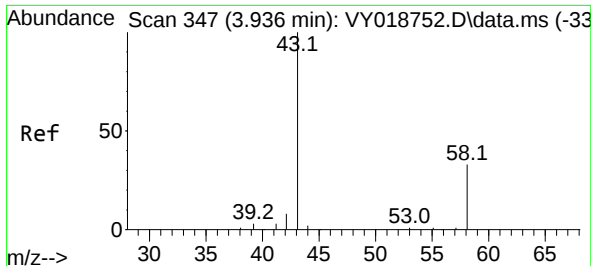
Tgt Ion:168 Resp: 34073
Ion Ratio Lower Upper
168 100
99 52.7 39.1 58.7



#5
Bromomethane
Concen: 1.057 ug/l
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 45.3 74.1 111.1#





#16

Acetone

Concen: 4.028 ug/l

RT: 3.930 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY018821.D

Acq: 15 Jul 2024 18:38

Instrument :

MSVOA_Y

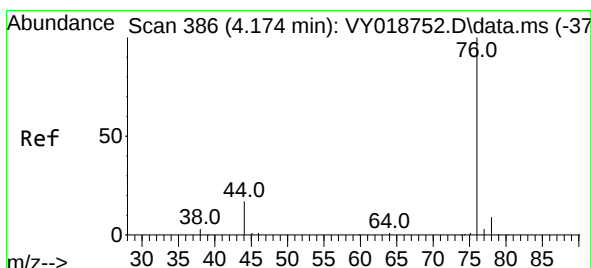
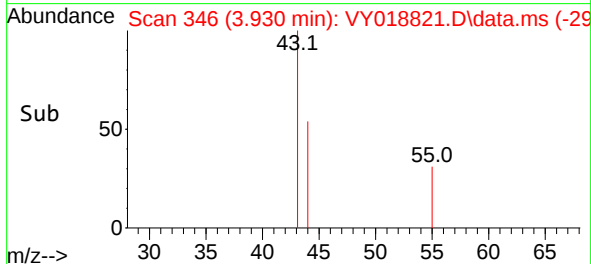
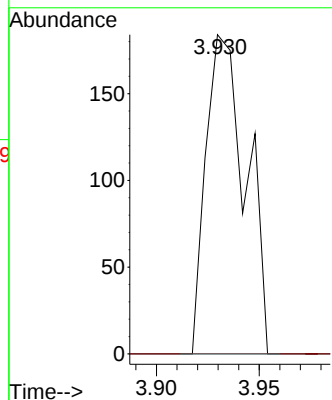
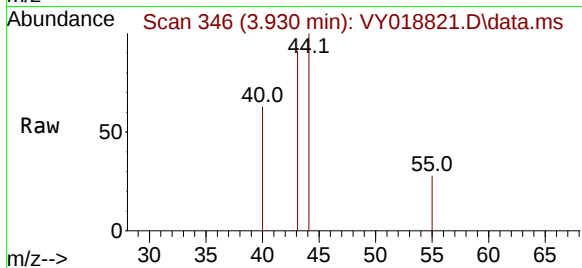
ClientSampleId :

Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#17

Carbon Disulfide

Concen: 1.057 ug/l

RT: 4.174 min Scan# 386

Delta R.T. -0.000 min

Lab File: VY018821.D

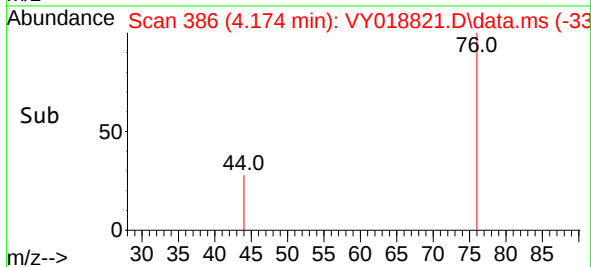
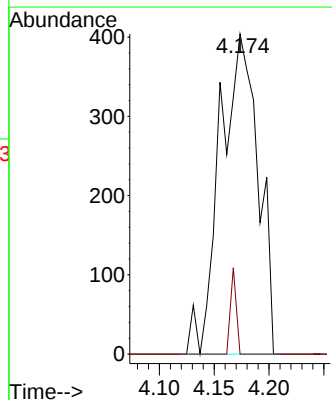
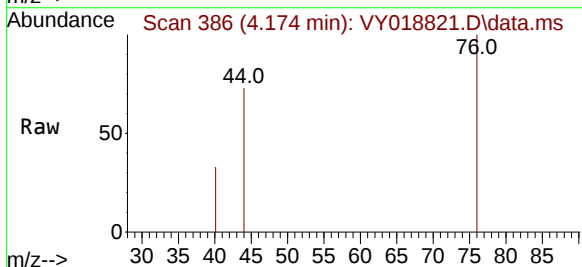
Acq: 15 Jul 2024 18:38

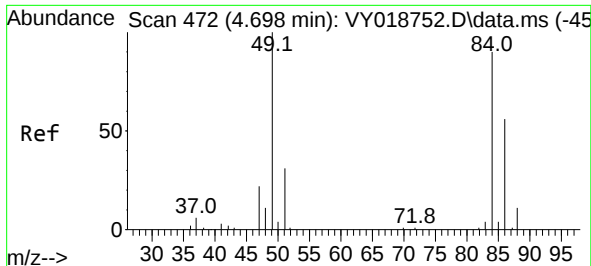
Tgt Ion: 76 Resp: 974

Ion Ratio Lower Upper

76 100

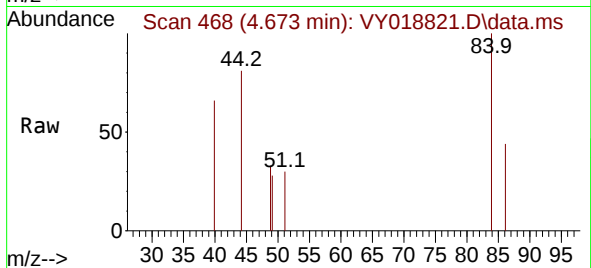
78 0.0 6.8 10.2#



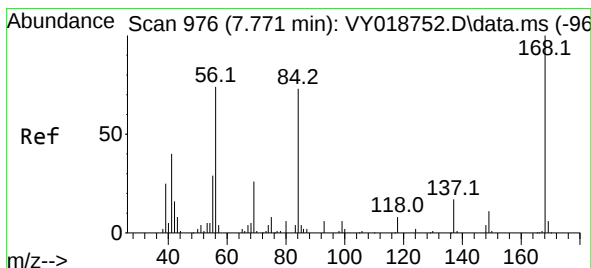
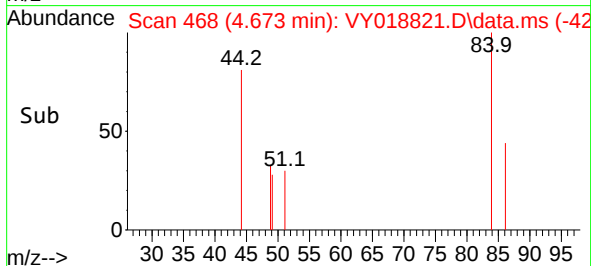
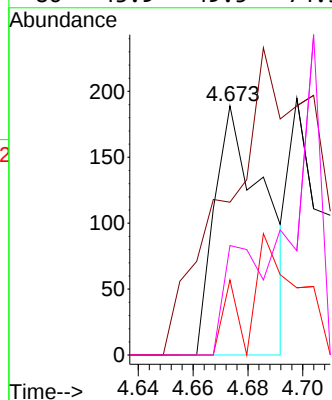


#20
Methylene Chloride
Concen: Below Cal
RT: 4.673 min Scan# 4
Delta R.T. -0.025 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :

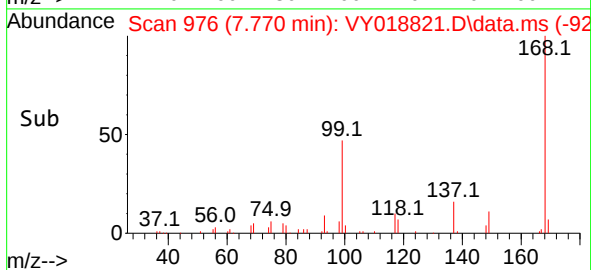
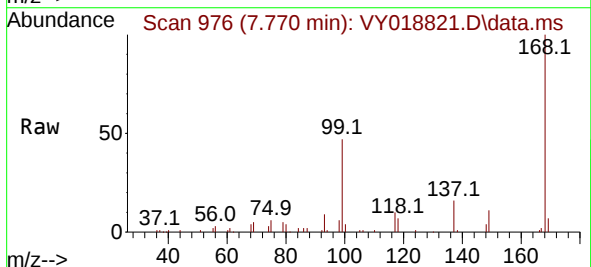
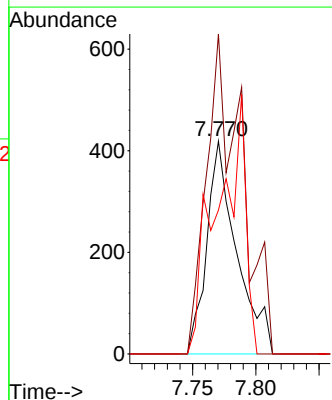


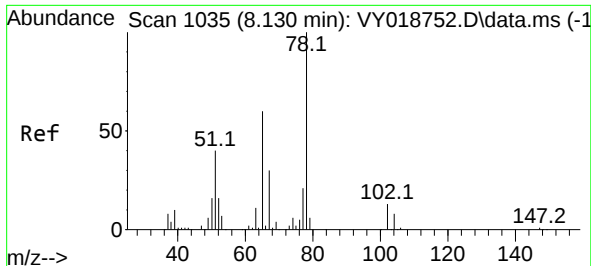
Tgt Ion:	84	Resp:	241
Ion	Ratio	Lower	Upper
84	100		
49	31.7	84.4	126.6#
51	30.2	26.0	39.0
86	43.9	49.5	74.3#



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 7.770 min Scan# 976
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion:	56	Resp:	689
Ion	Ratio	Lower	Upper
56	100		
69	150.4	28.7	43.1#
84	67.5	77.7	116.5#

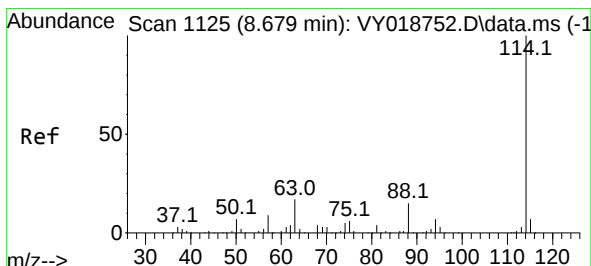
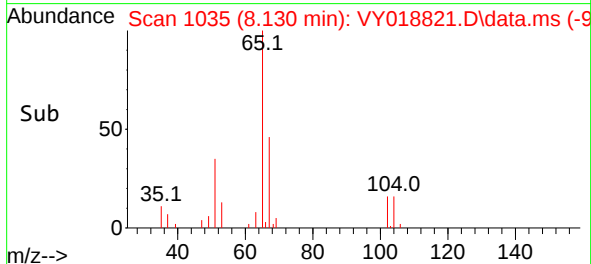
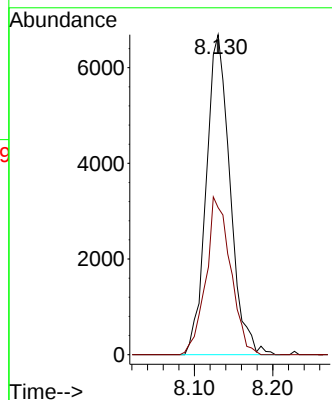
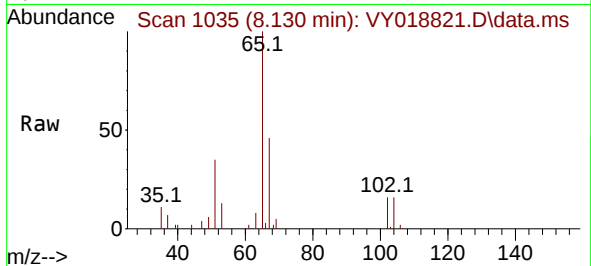




#33
 1,2-Dichloroethane-d4
 Concen: 42.119 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VY018821.D
 Acq: 15 Jul 2024 18:38

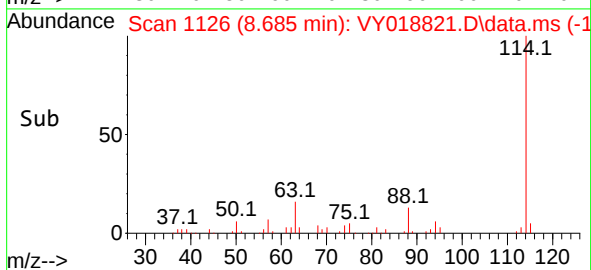
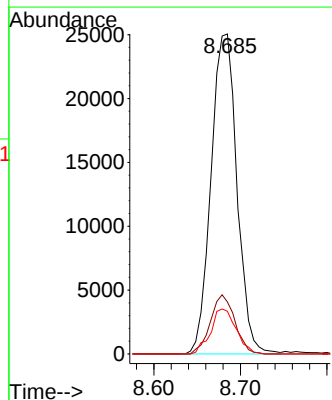
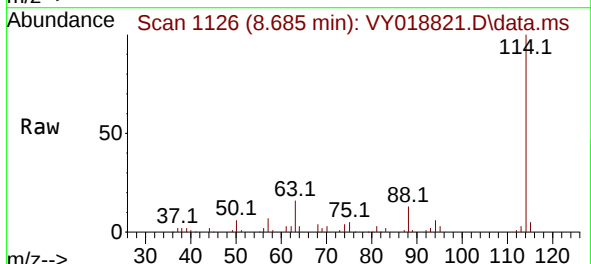
Instrument :
 MSVOA_Y
 ClientSampleId :

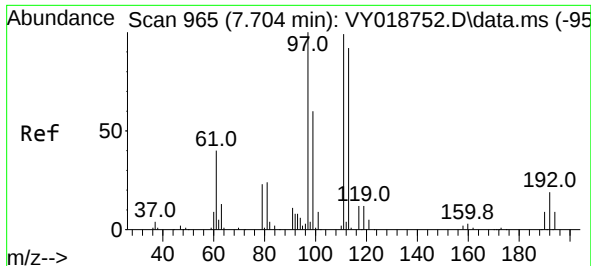
Tgt Ion: 65 Resp: 14122
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VY018821.D
 Acq: 15 Jul 2024 18:38

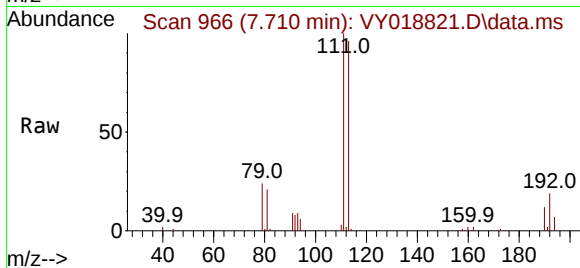
Tgt Ion:114 Resp: 52124
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 35.0
 88 13.4 0.0 27.2



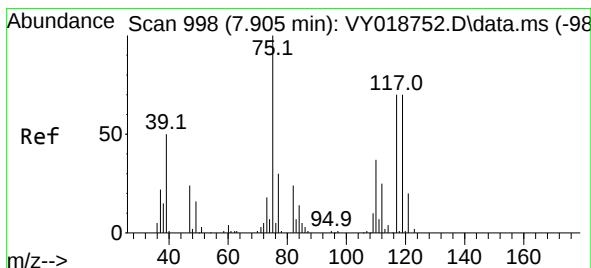
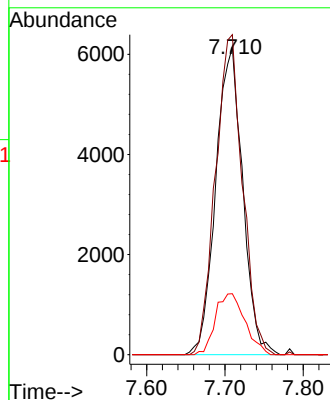
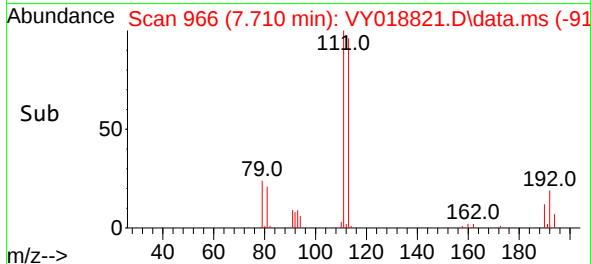


#35
Dibromofluoromethane
Concen: 44.912 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :

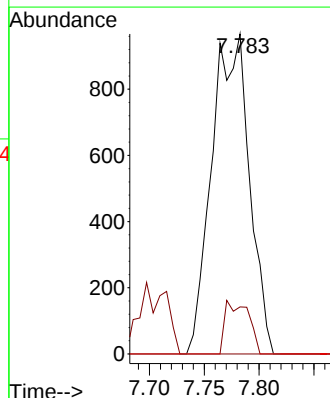
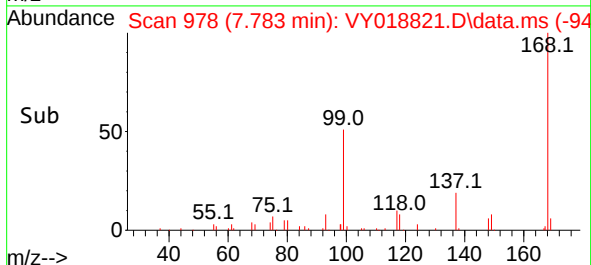
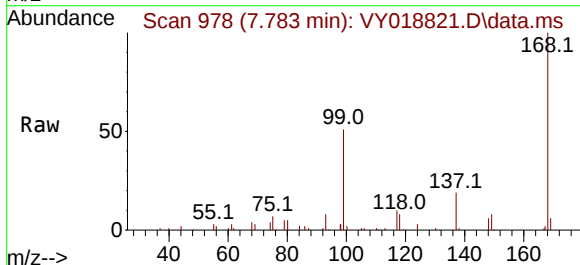


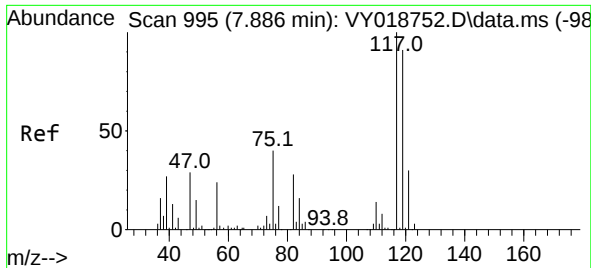
Tgt Ion:113 Resp: 14662
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

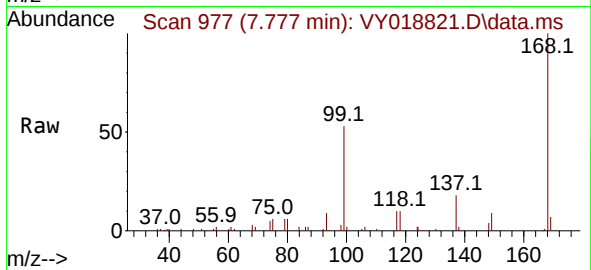
Tgt Ion: 75 Resp: 2299
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



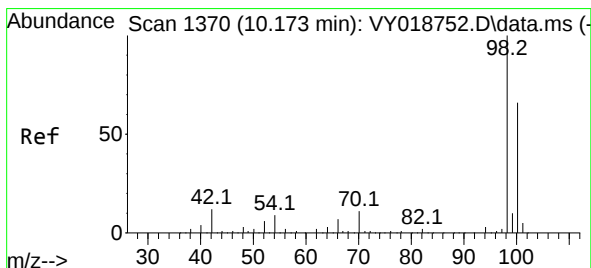
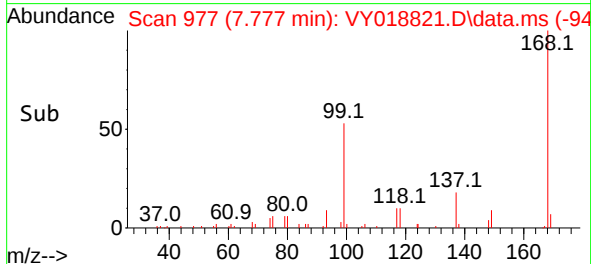
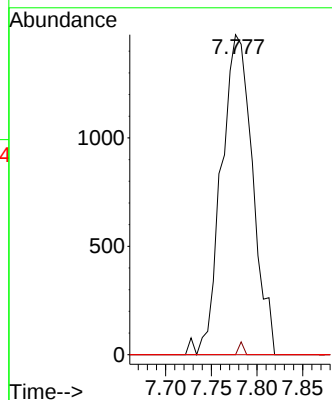


#38
Carbon Tetrachloride
Concen: 6.483 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :

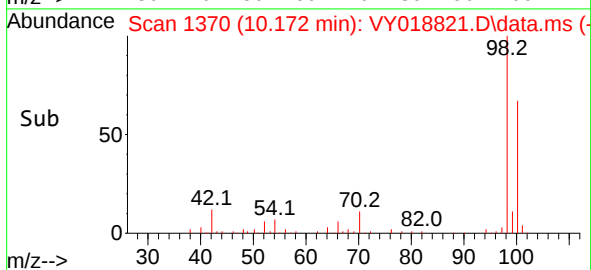
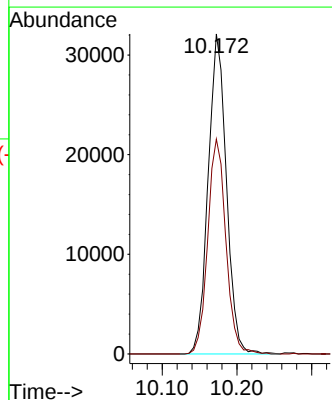
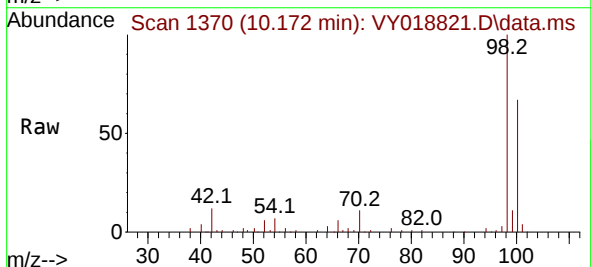


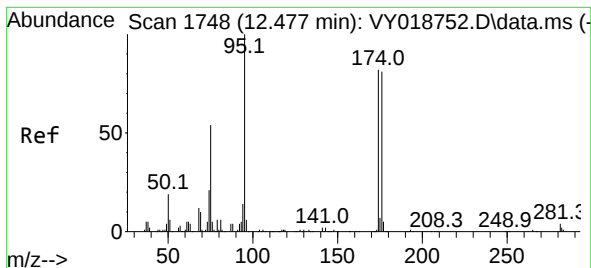
Tgt Ion:117 Resp: 3518
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 43.994 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Tgt Ion: 98 Resp: 54413
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

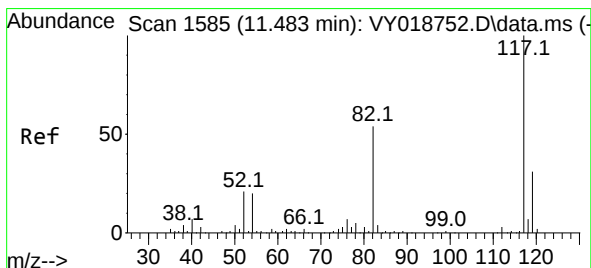
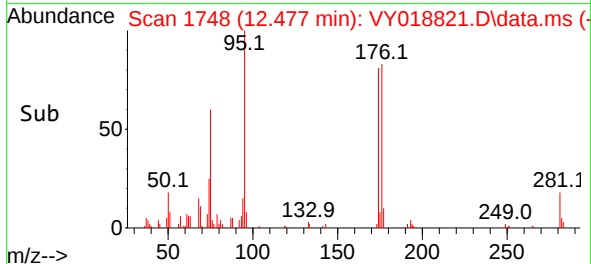
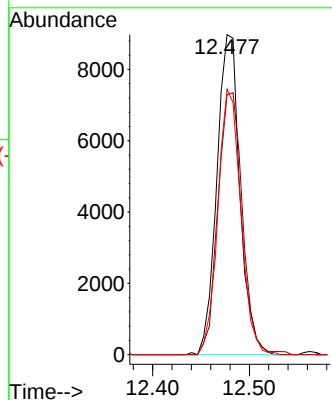
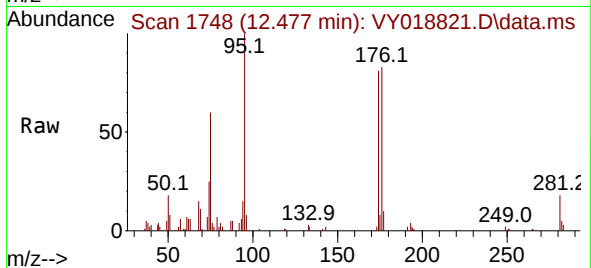




#62
4-Bromofluorobenzene
Concen: 35.141 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

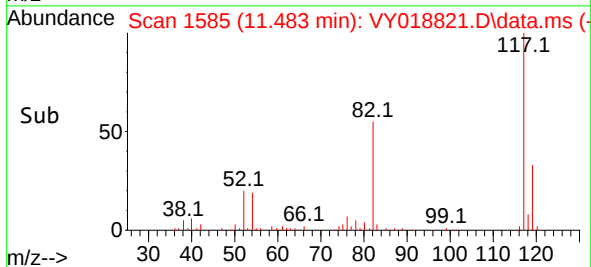
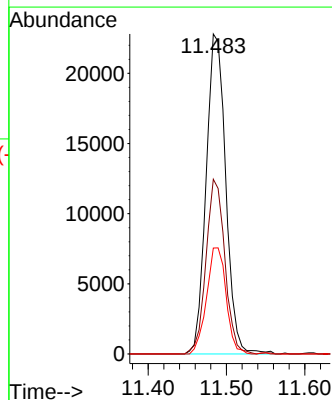
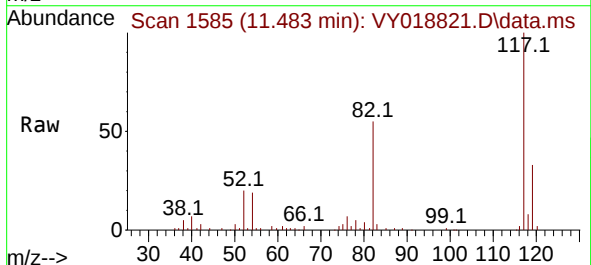
Instrument :
MSVOA_Y
ClientSampleId :

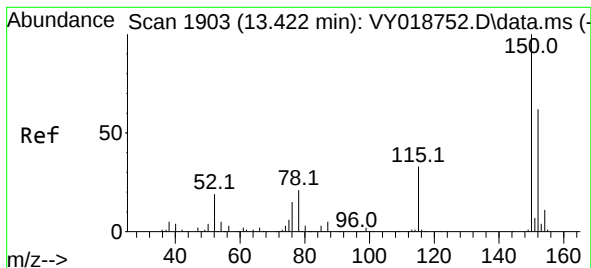
Tgt Ion:	95	Resp:	14843
Ion Ratio	Lower	Upper	
95	100		
174	87.0	0.0	175.6
176	82.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

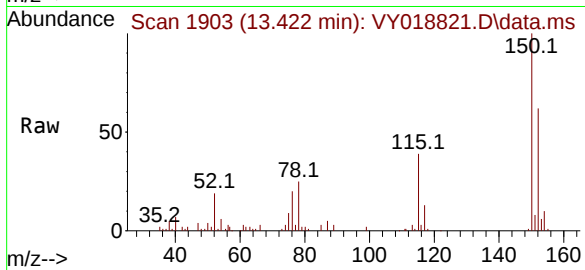
Tgt Ion:	117	Resp:	39623
Ion Ratio	Lower	Upper	
117	100		
82	54.6	42.4	63.6
119	33.1	25.9	38.9



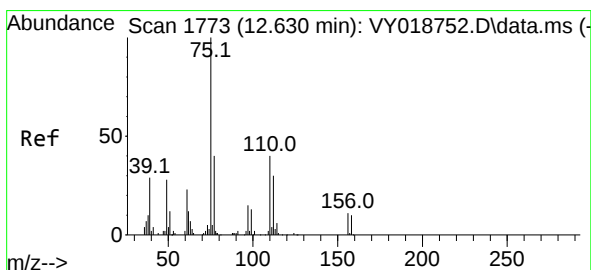
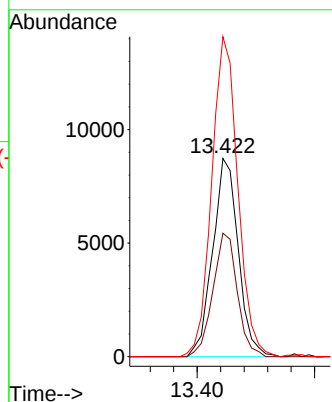
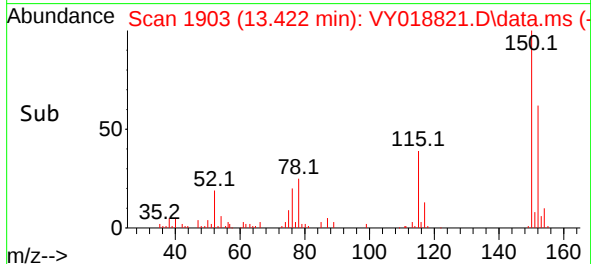


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

Instrument :
MSVOA_Y
ClientSampleId :

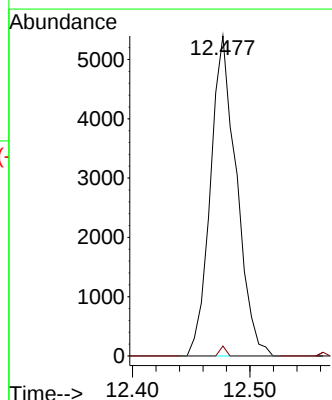
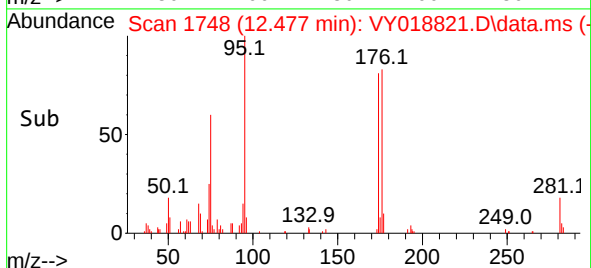
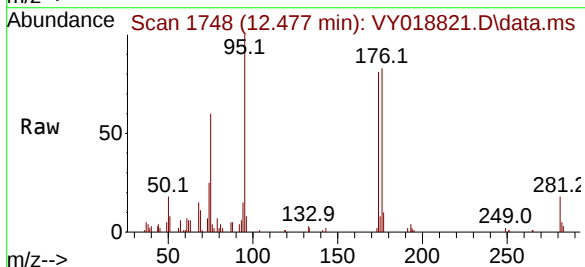


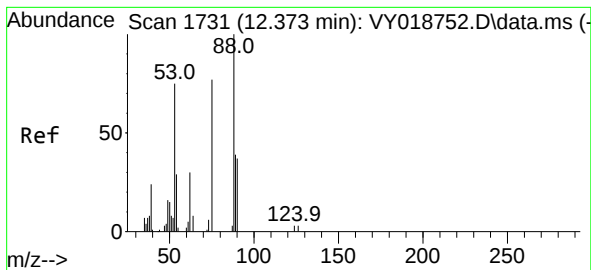
Tgt Ion:152 Resp: 13210
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 164.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 80.318 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018821.D
Acq: 15 Jul 2024 18:38

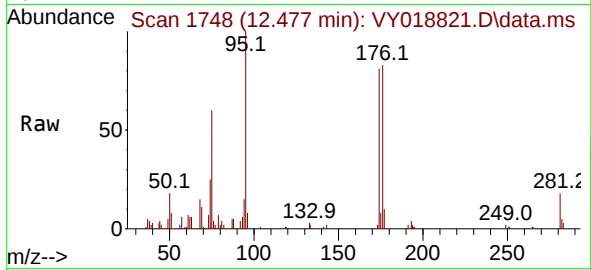
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 179.757 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018821.D
 Acq: 15 Jul 2024 18:38

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#

