

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018919.D
 Acq On : 25 Jul 2024 18:15
 Operator : SY/MD
 Sample : P3343-03
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 03:02:03 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)

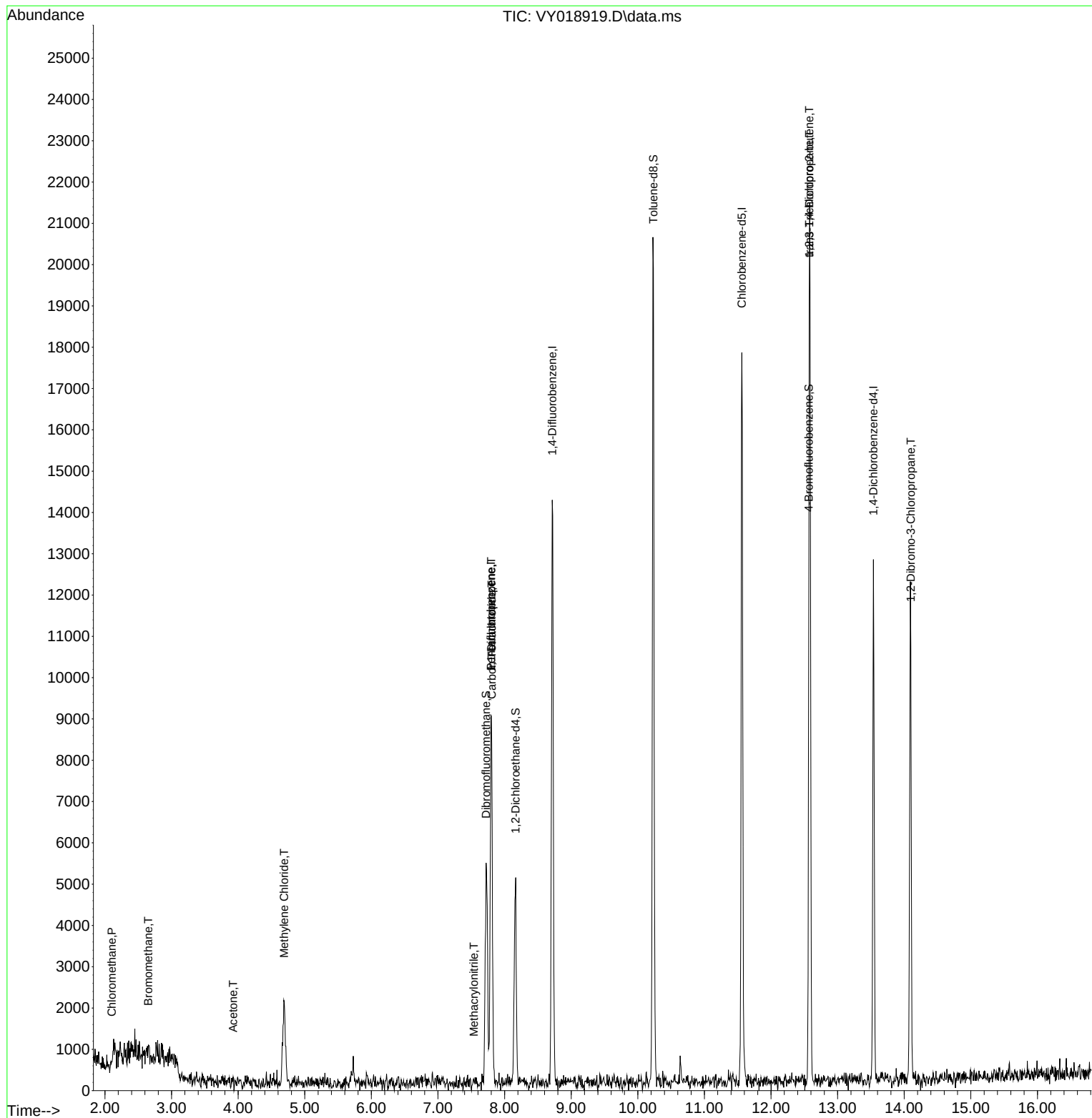
Internal Standards						
1) Pentafluorobenzene	7.795	168	7700	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	12770	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.562	117	10791	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	3432	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	4234	55.880	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.760%	
35) Dibromofluoromethane	7.722	113	3982	49.787	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.233	98	14225	46.945	ug/l	0.06
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.880%	
62) 4-Bromofluorobenzene	12.568	95	3677	35.533	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.060%	
Target Compounds						Qvalue
3) Chloromethane	2.101	50	137	1.397	ug/l #	43
5) Bromomethane	2.649	94	248	3.143	ug/l #	77
16) Acetone	3.924	43	71	5.083	ug/l #	36
20) Methylene Chloride	4.692	84	1492	15.427	ug/l #	84
36) 1,1-Dichloropropene	7.801	75	462	4.186	ug/l #	43
38) Carbon Tetrachloride	7.807	117	758	5.702	ug/l #	13
41) Methacrylonitrile	7.539	41	42	1.606	ug/l #	15
76) 1,2,3-Trichloropropane	12.574	75	2207	82.105	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.574	75	2207	183.757	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.099	75	300	46.757	ug/l #	1

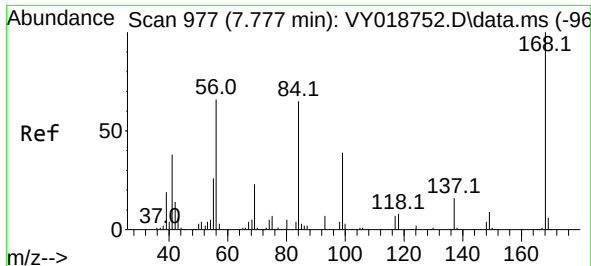
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

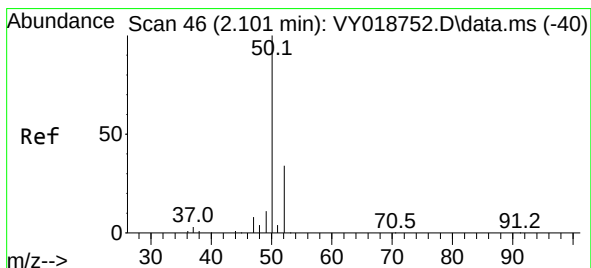
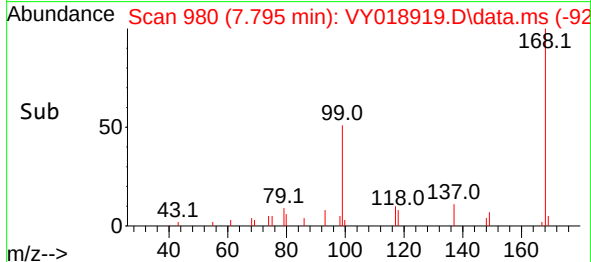
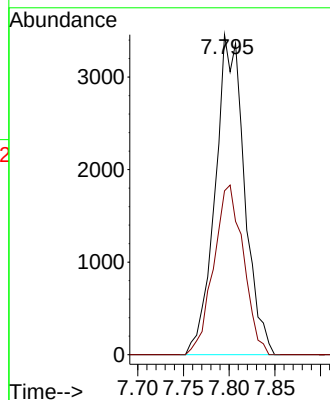
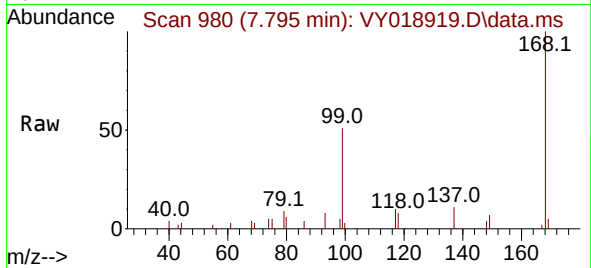




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

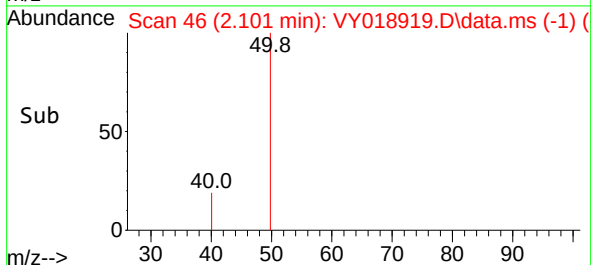
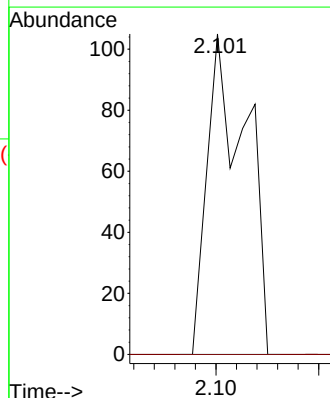
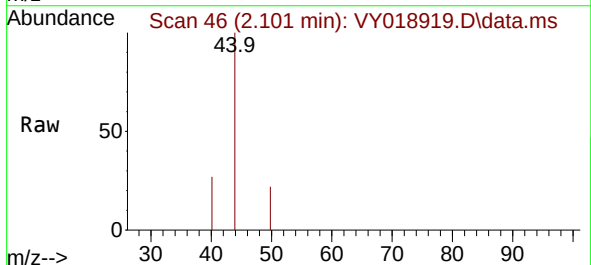
Instrument :
MSVOA_Y
ClientSampleId :

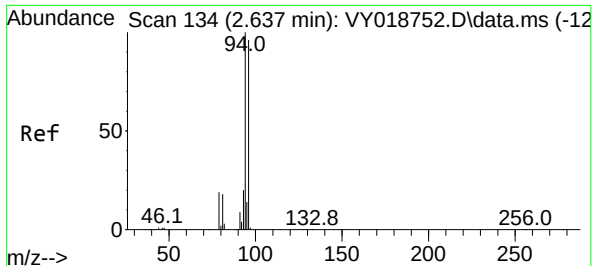
Tgt Ion:168 Resp: 7700
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#3
Chloromethane
Concen: 1.397 ug/l
RT: 2.101 min Scan# 46
Delta R.T. -0.000 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 50 Resp: 137
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

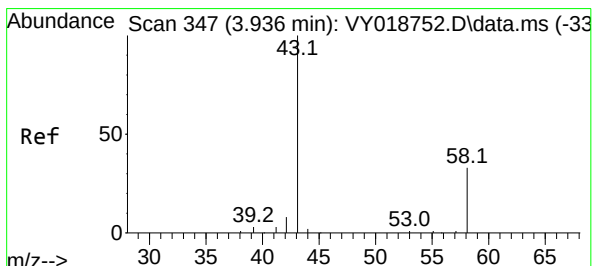
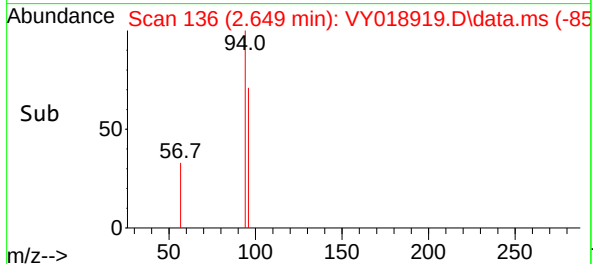
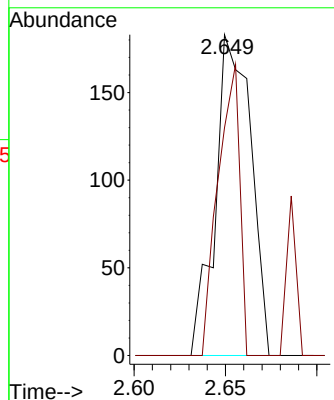
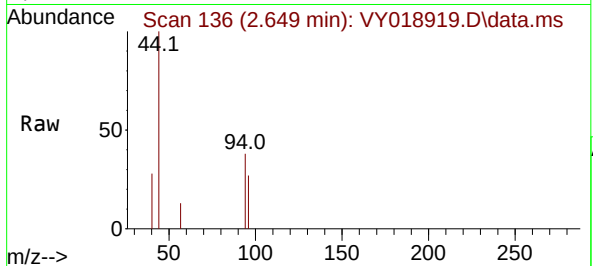




#5
Bromomethane
Concen: 3.143 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

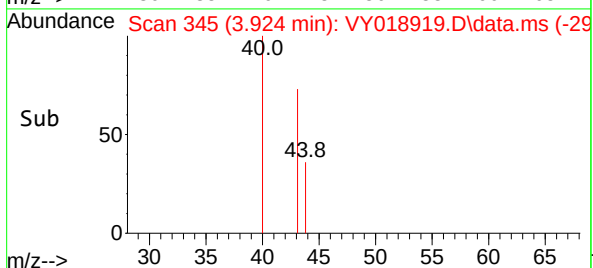
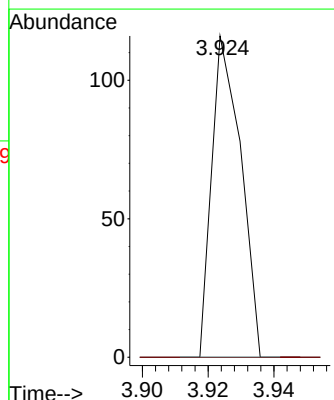
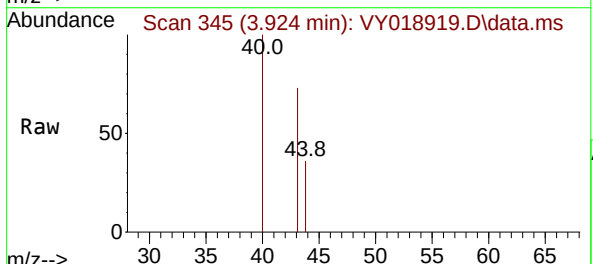
Instrument :
MSVOA_Y
ClientSampleId :

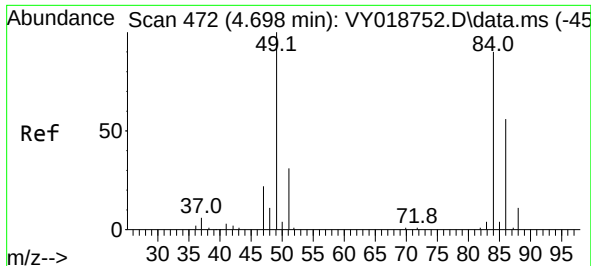
Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 71.0 74.1 111.1#



#16
Acetone
Concen: 5.083 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

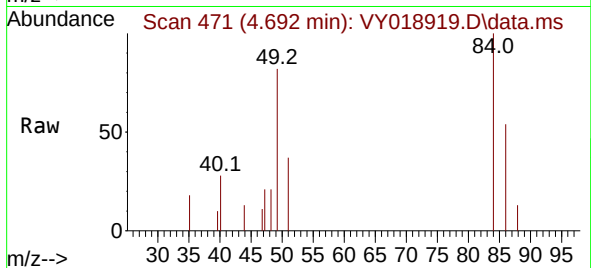
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





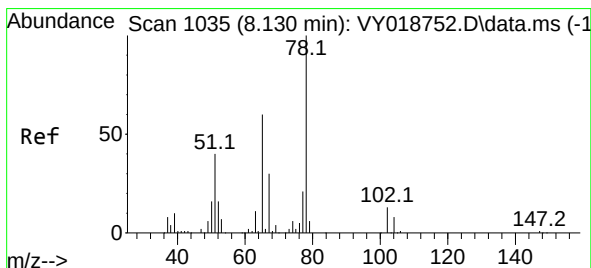
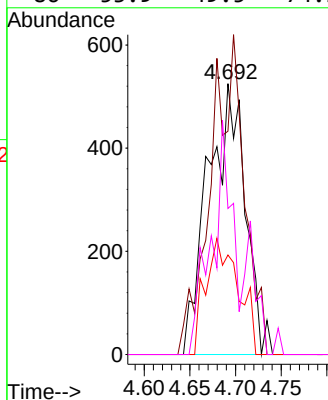
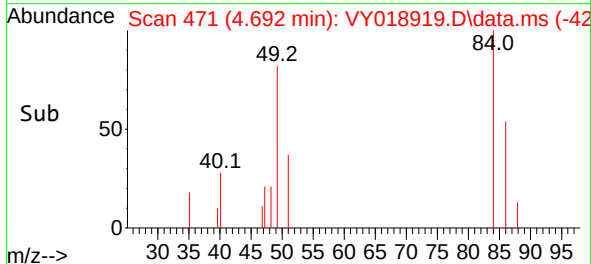
#20
Methylene Chloride
Concen: 15.427 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1492

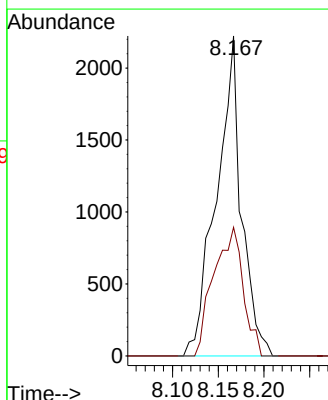
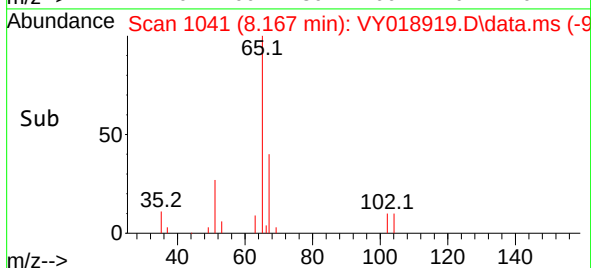
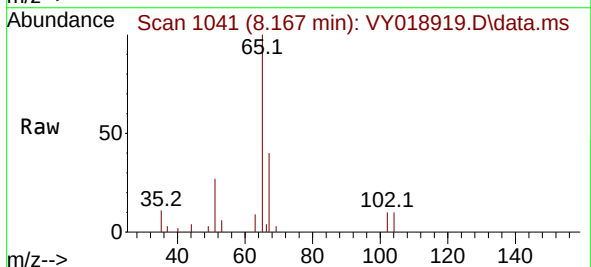
Ion	Ratio	Lower	Upper
84	100		
49	82.5	84.4	126.6#
51	36.8	26.0	39.0
86	53.9	49.5	74.3

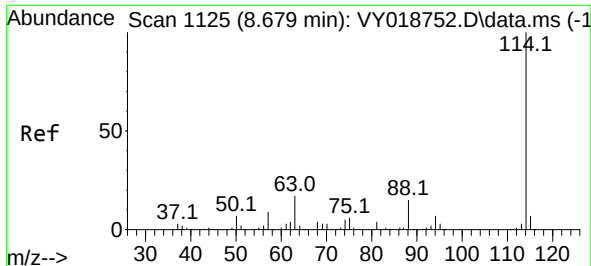


#33
1,2-Dichloroethane-d4
Concen: 55.880 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.036 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 65 Resp: 4234

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1125

Delta R.T. 0.036 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

Instrument :

MSVOA_Y

ClientSampleId :

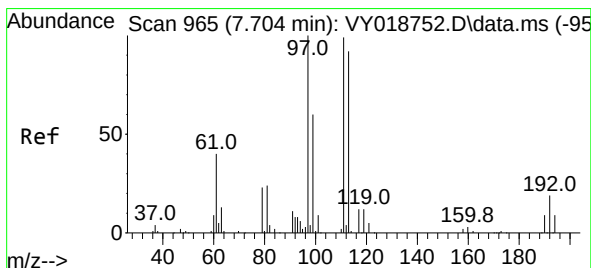
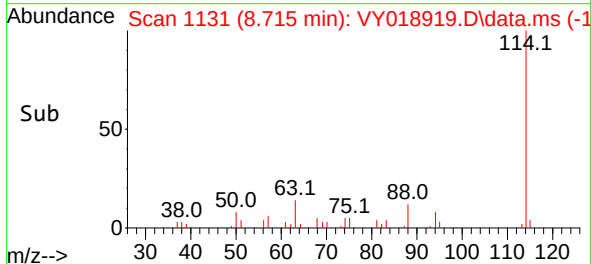
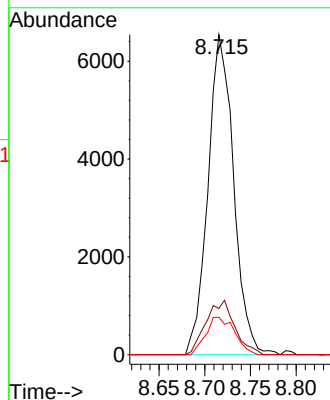
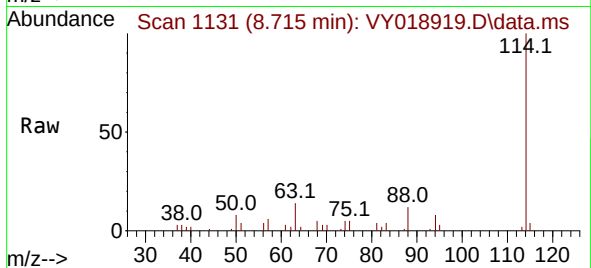
Tgt Ion:114 Resp: 12770

Ion Ratio Lower Upper

114 100

63 14.5 0.0 35.0

88 11.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.787 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.018 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

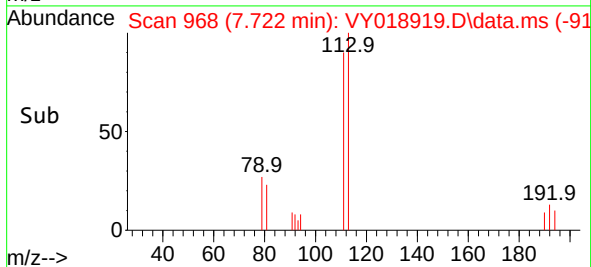
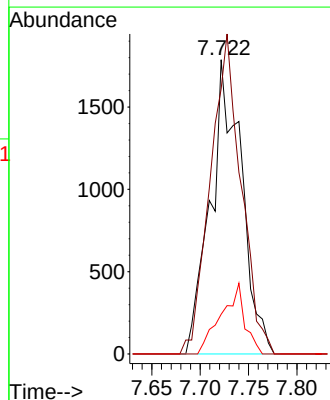
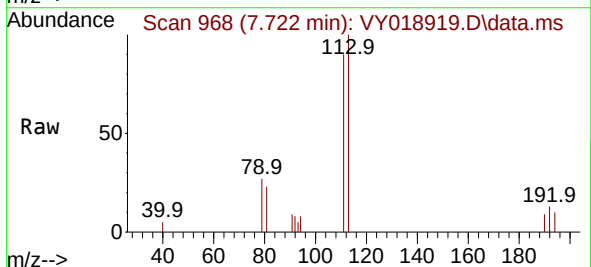
Tgt Ion:113 Resp: 3982

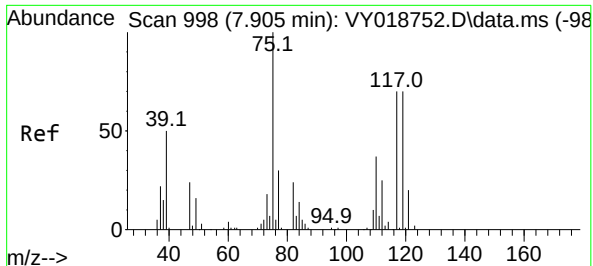
Ion Ratio Lower Upper

113 100

111 107.7 82.2 123.4

192 18.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.186 ug/l

RT: 7.801 min Scan# 9

Delta R.T. -0.104 min

Lab File: VY018919.D

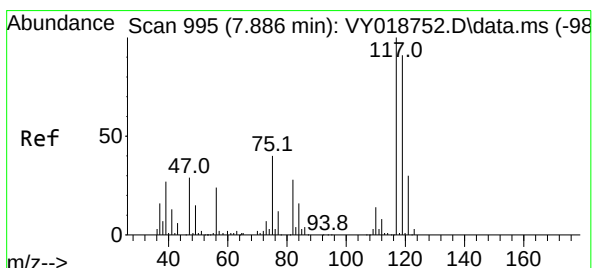
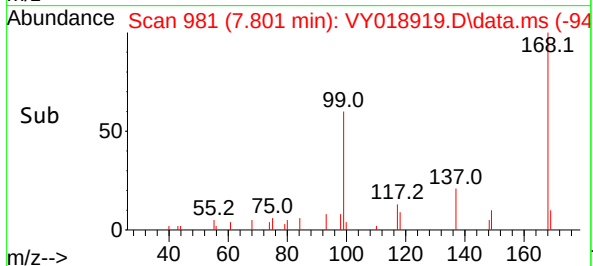
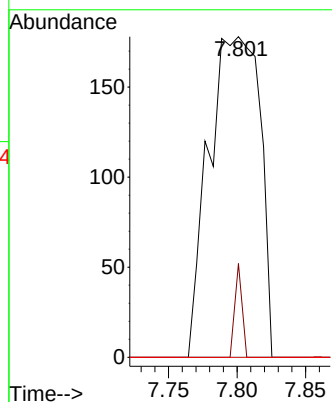
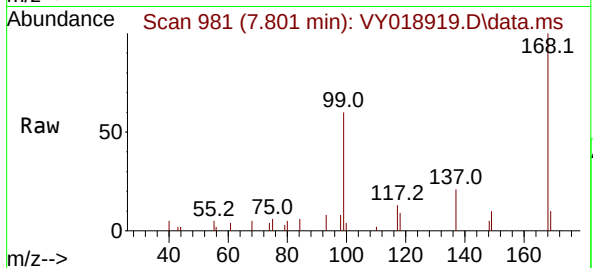
Acq: 25 Jul 2024 18:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	462
Ion	Ratio	Lower	Upper
75	100		
110	4.1	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 5.702 ug/l

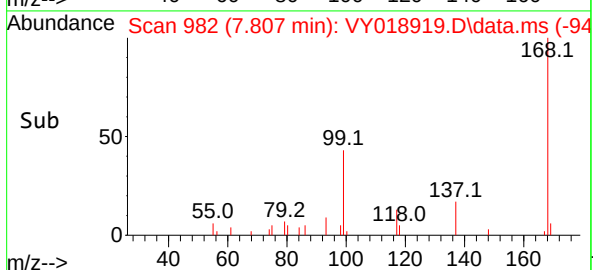
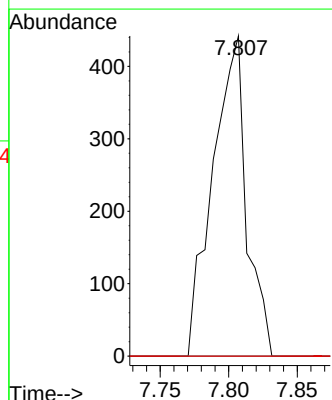
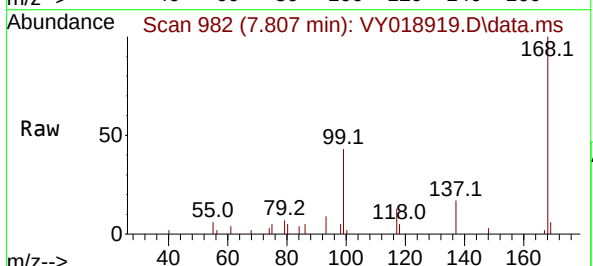
RT: 7.807 min Scan# 982

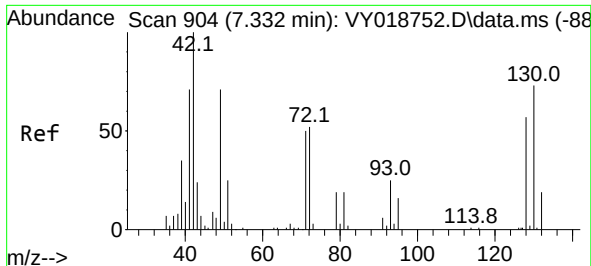
Delta R.T. -0.079 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

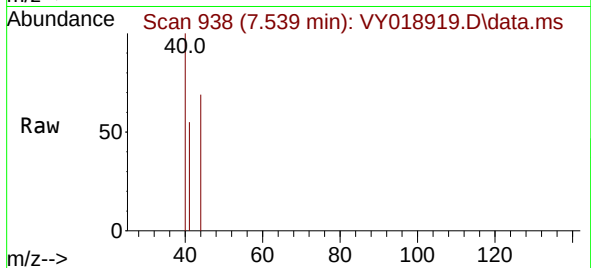
Tgt Ion:	117	Resp:	758
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#



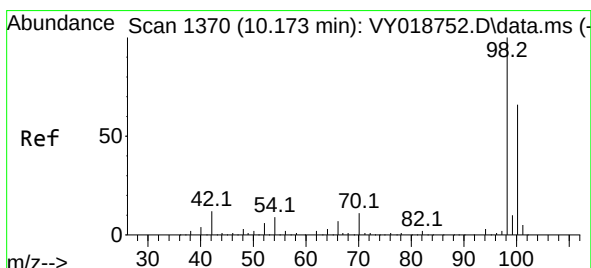
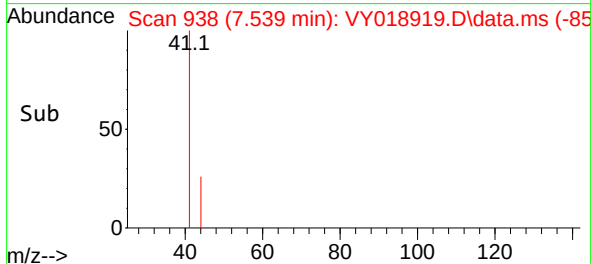
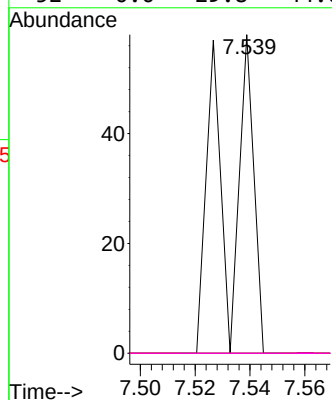


#41
Methacrylonitrile
Concen: 1.606 ug/l
RT: 7.539 min Scan# 91
Delta R.T. 0.207 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Instrument :
MSVOA_Y
ClientSampleId :

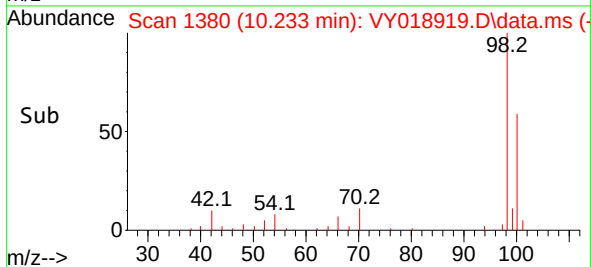
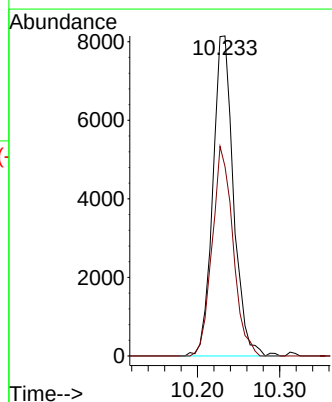
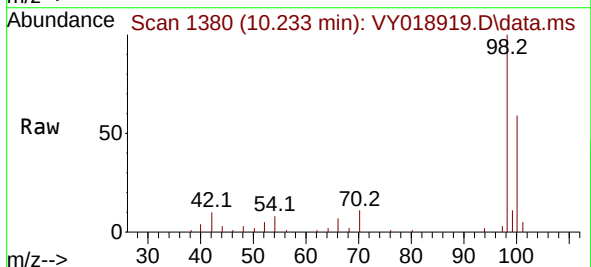


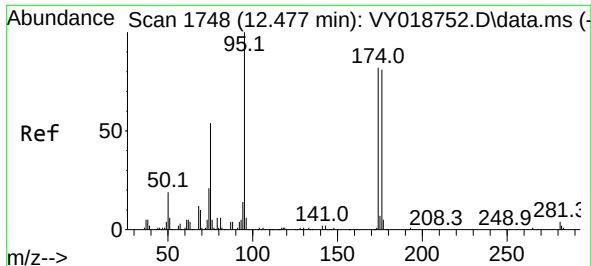
Tgt Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#50
Toluene-d8
Concen: 46.945 ug/l
RT: 10.233 min Scan# 1380
Delta R.T. 0.061 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 98 Resp: 14225
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

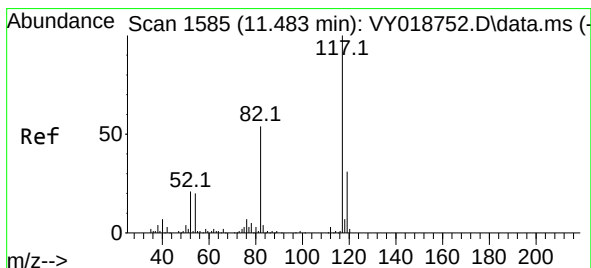
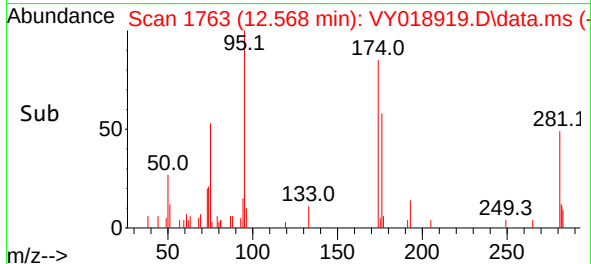
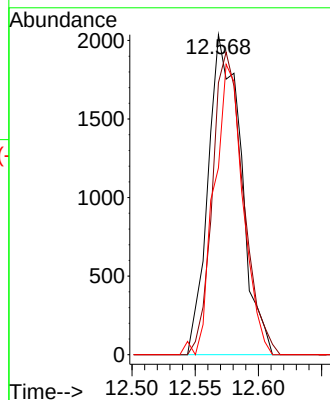
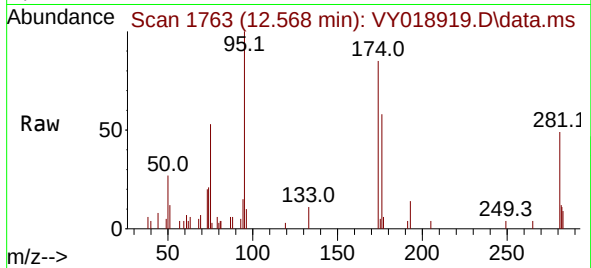




#62
4-Bromofluorobenzene
Concen: 35.533 ug/l
RT: 12.568 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

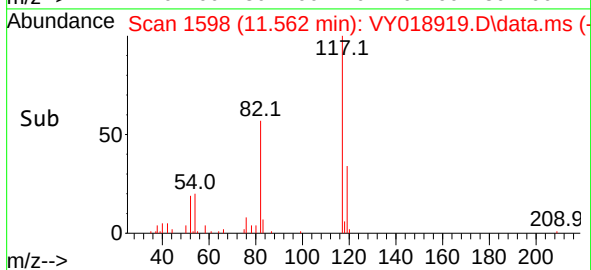
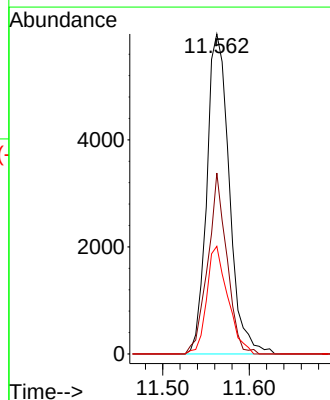
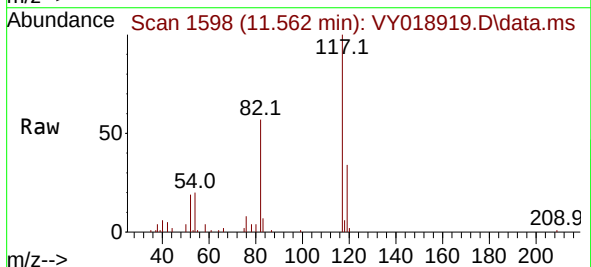
Instrument :
MSVOA_Y
ClientSampleId :

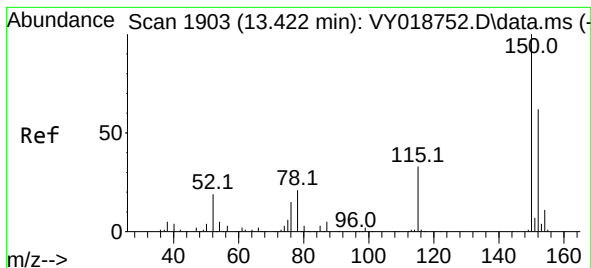
Tgt Ion: 95 Resp: 3677
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 79.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.562 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 117 Resp: 10791
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 33.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.538 min Scan# 1903

Delta R.T. 0.116 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

Instrument :

MSVOA_Y

ClientSampleId :

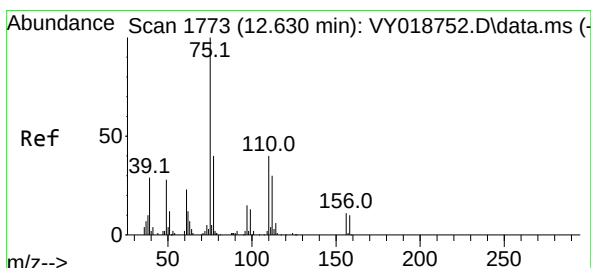
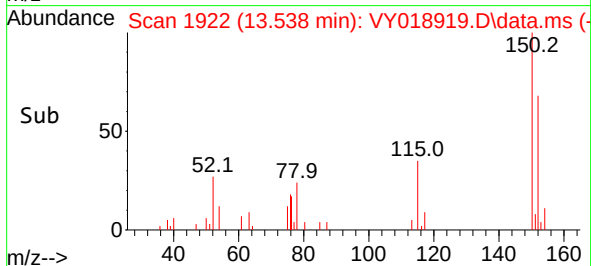
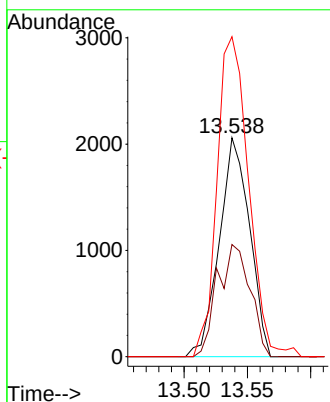
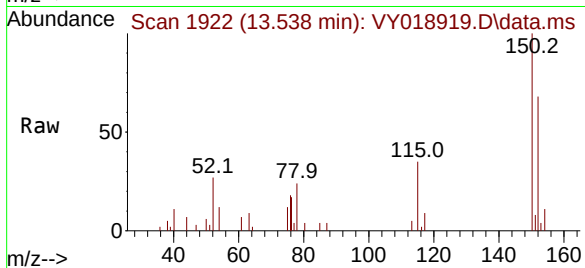
Tgt Ion:152 Resp: 3432

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 152.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 82.105 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.056 min

Lab File: VY018919.D

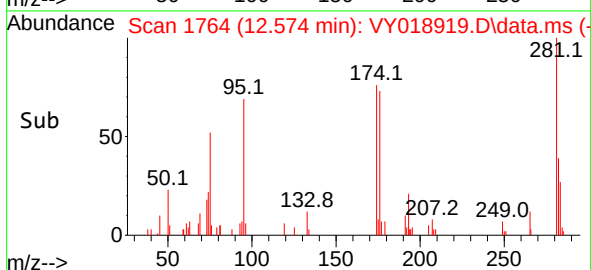
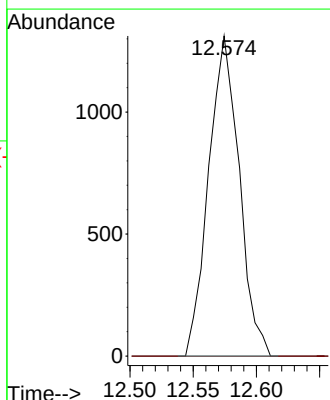
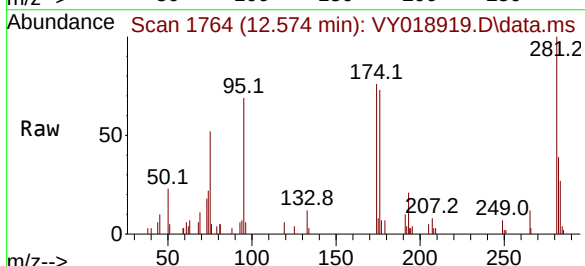
Acq: 25 Jul 2024 18:15

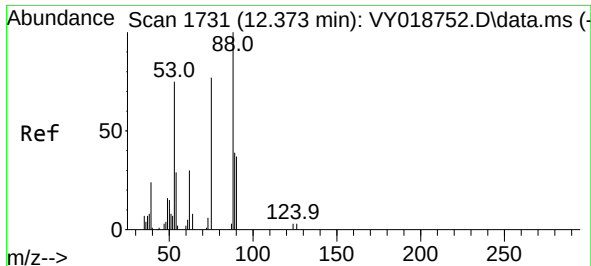
Tgt Ion: 75 Resp: 2207

Ion Ratio Lower Upper

75 100

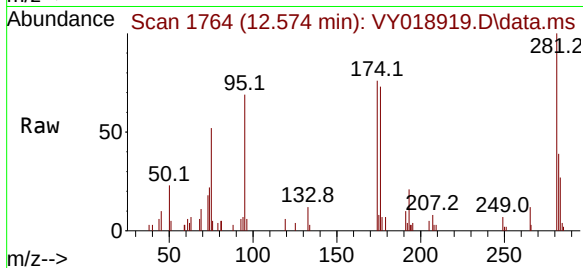
77 0.0 0.0 0.0



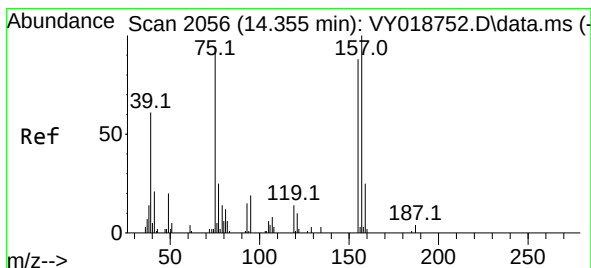
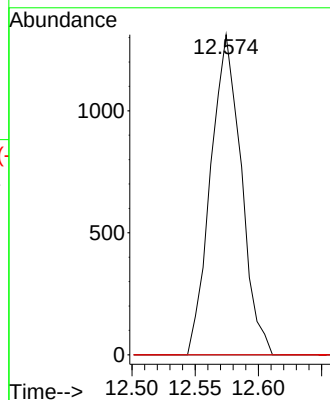
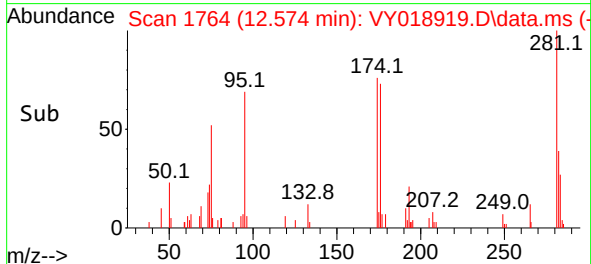


#81
trans-1,4-Dichloro-2-butene
Concen: 183.757 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.201 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 2207
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.757 ug/l
RT: 14.099 min Scan# 2014
Delta R.T. -0.256 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 75 Resp: 300
Ion Ratio Lower Upper
75 100
155 13.7 48.6 145.8#
157 0.0 62.7 188.2#

