

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020409.D
 Acq On : 22 Nov 2024 13:39
 Operator : SY/MD
 Sample : P4948-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:00:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	144691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	276397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	259166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	100534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90740	54.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.180%
35) Dibromofluoromethane	7.640	113	89062	50.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.109	98	334819	47.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.920%
62) 4-Bromofluorobenzene	12.407	95	111096	49.500	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.000%

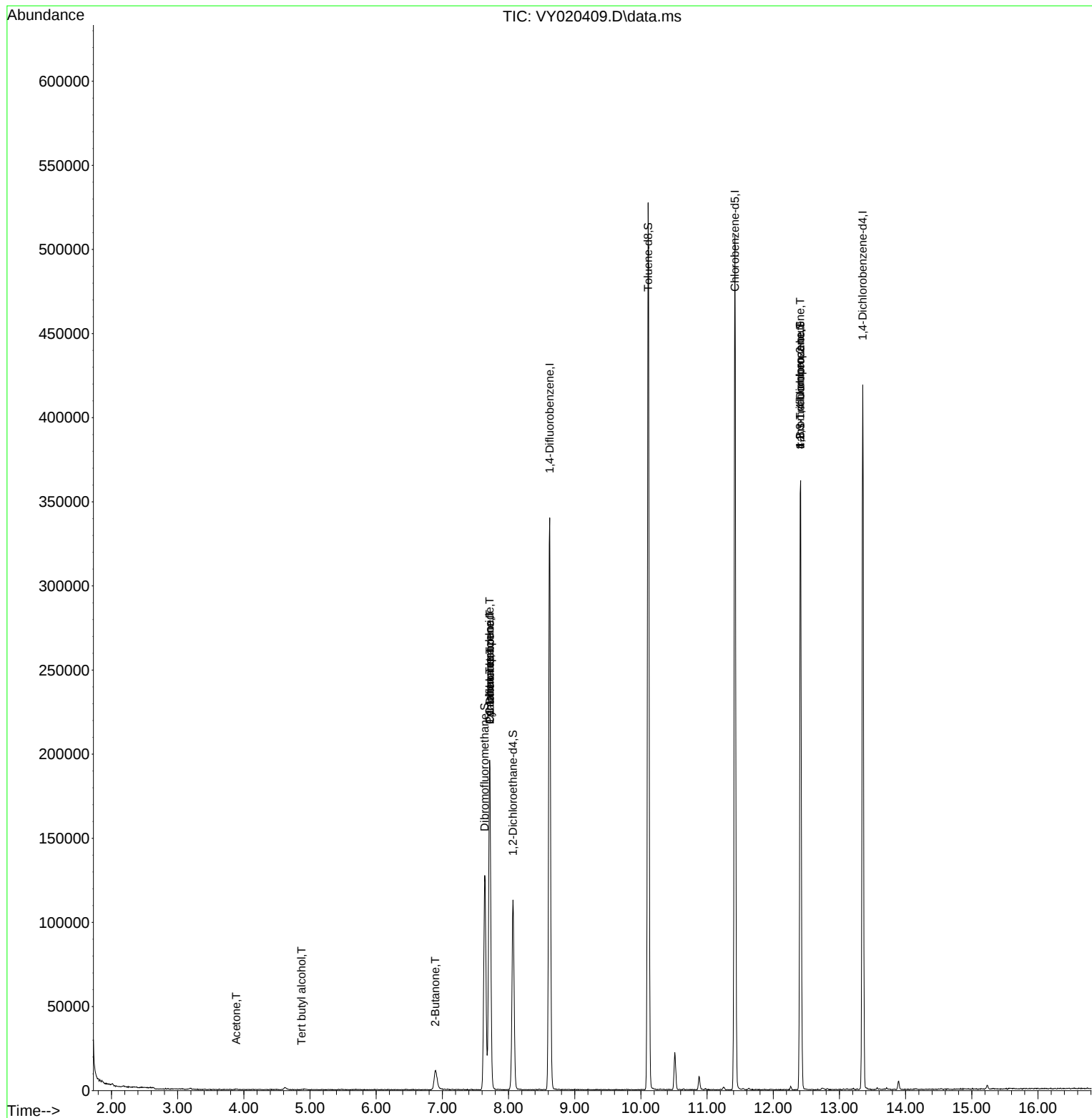
Target Compounds					Qvalue	
3) Chloromethane	2.074	50	80	Below Cal	#	41
11) Tert butyl alcohol	4.872	59	268	1.420	ug/l #	73
16) Acetone	3.885	43	530	1.330	ug/l #	86
25) 2-Butanone	6.890	43	694	1.353	ug/l #	50
31) Cyclohexane	7.719	56	3355	1.083	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	12106	4.472	ug/l #	52
38) Carbon Tetrachloride	7.713	117	16230	5.742	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	62528	65.988	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	62528	129.301	ug/l #	9

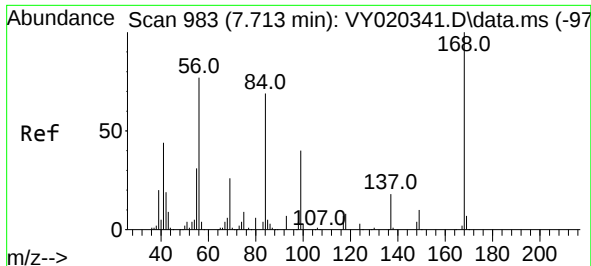
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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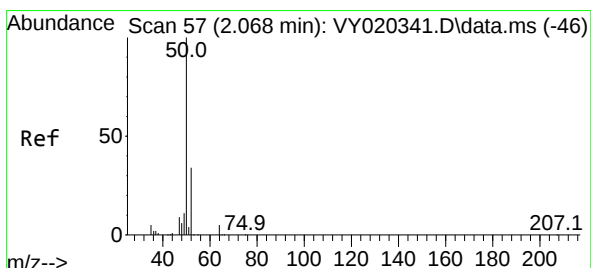
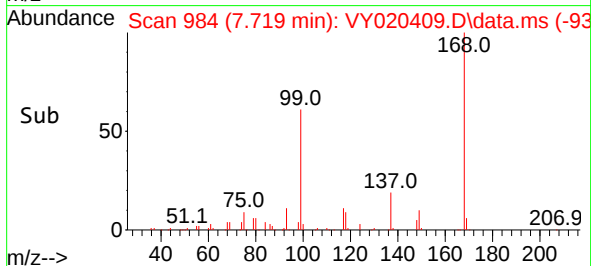
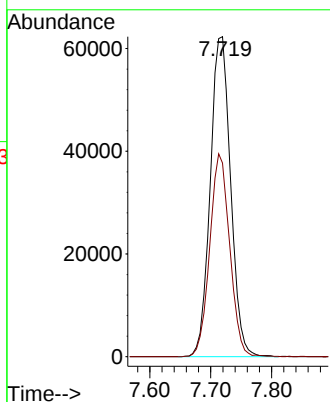
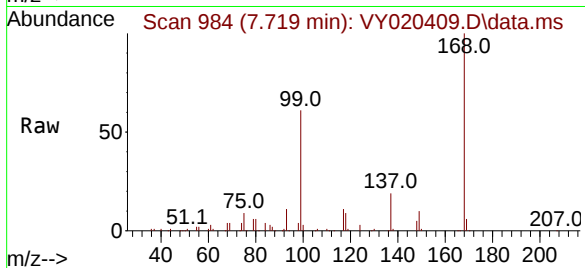




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

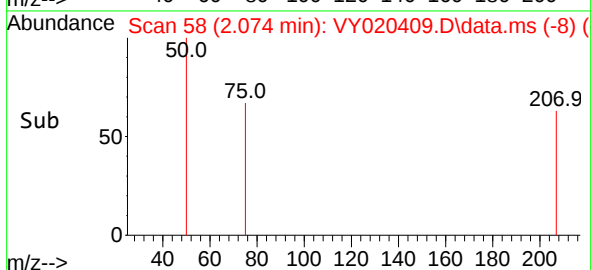
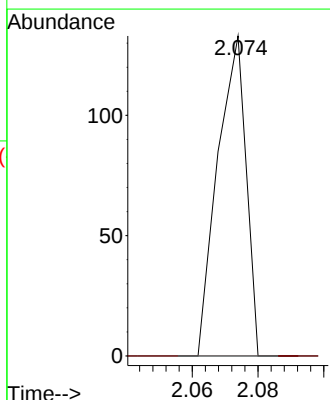
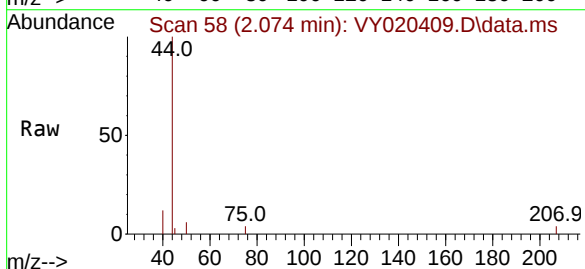
Instrument :
MSVOA_Y
ClientSampleId :

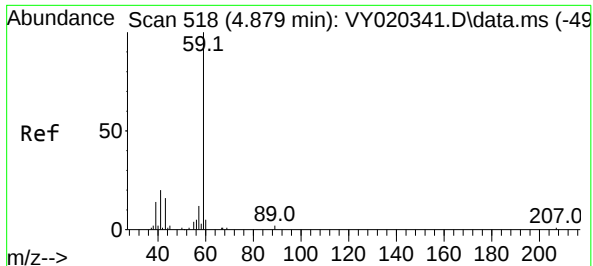
Tgt Ion:168 Resp: 144691
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Tgt Ion: 50 Resp: 80
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 1.420 ug/l

RT: 4.872 min Scan# 51

Delta R.T. -0.006 min

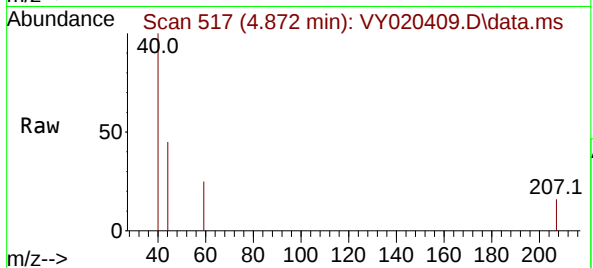
Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

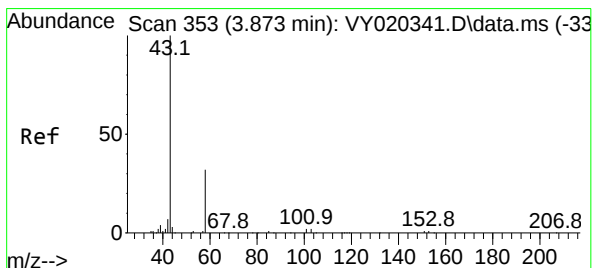
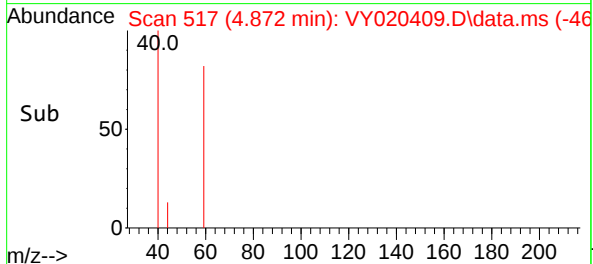
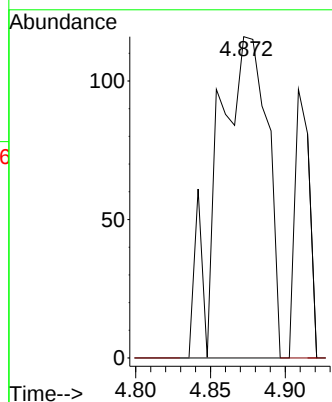


Tgt Ion: 59 Resp: 268

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 1.330 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020409.D

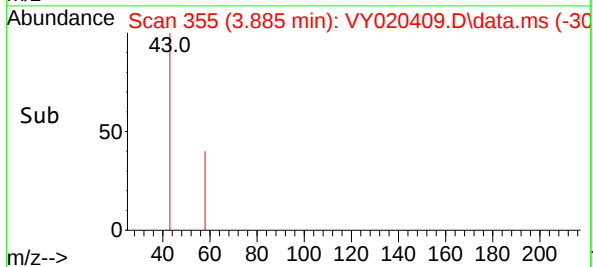
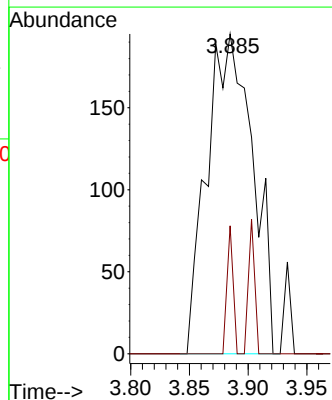
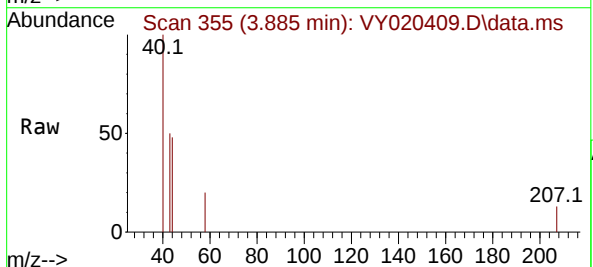
Acq: 22 Nov 2024 13:39

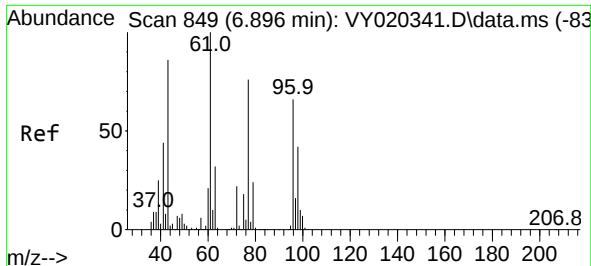
Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

58 40.0 25.7 38.5#

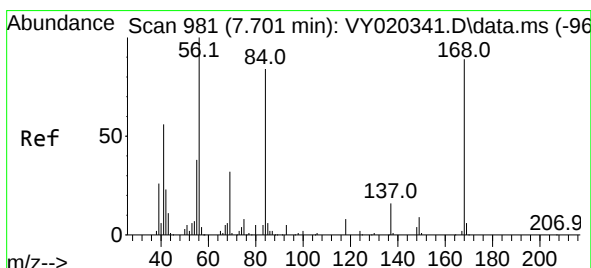
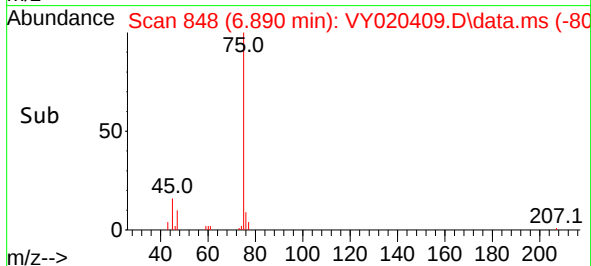
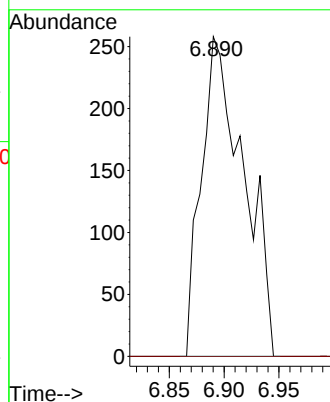
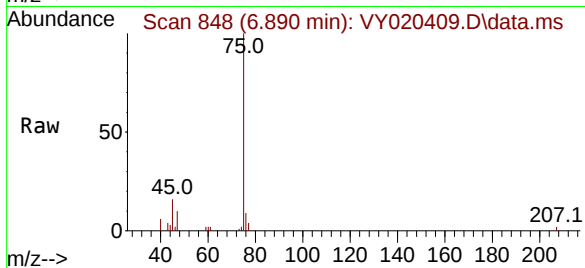




#25
2-Butanone
Concen: 1.353 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

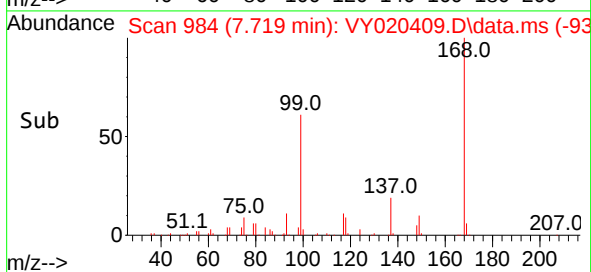
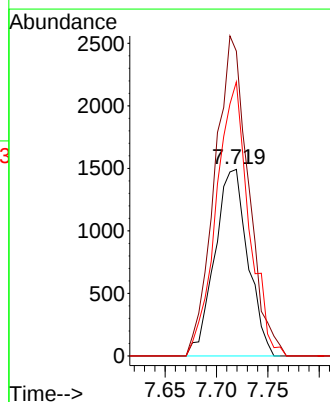
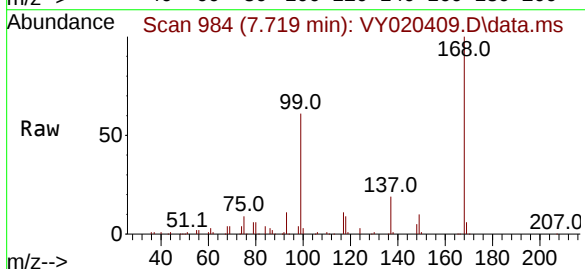
Instrument :
MSVOA_Y
ClientSampleId :

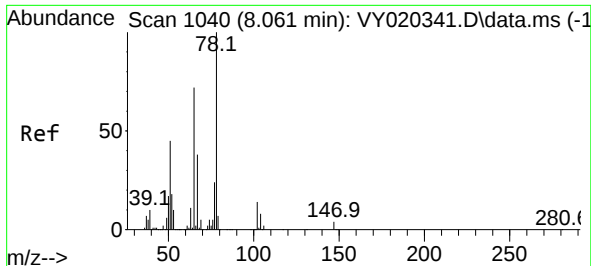
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Tgt Ion: 56 Resp: 3355
Ion Ratio Lower Upper
56 100
69 163.4 25.3 37.9#
84 146.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.586 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

Instrument :

MSVOA_Y

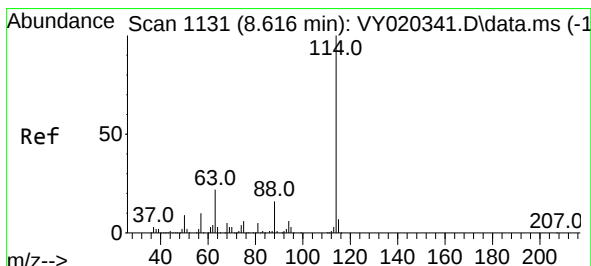
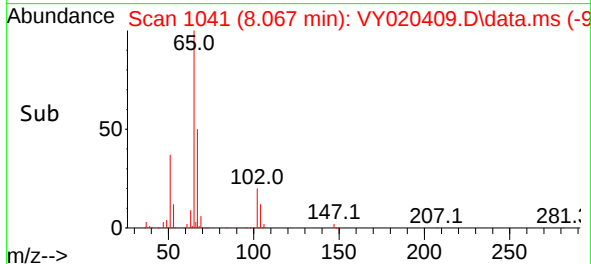
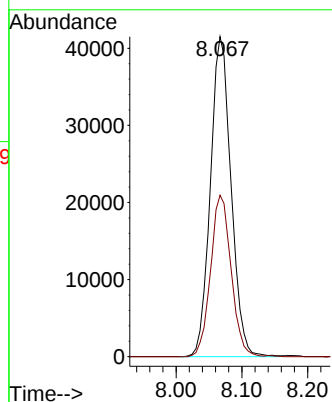
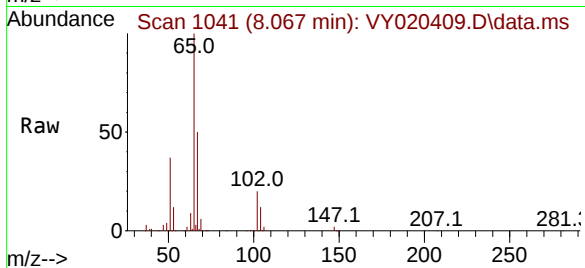
ClientSampleId :

Tgt Ion: 65 Resp: 90740

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

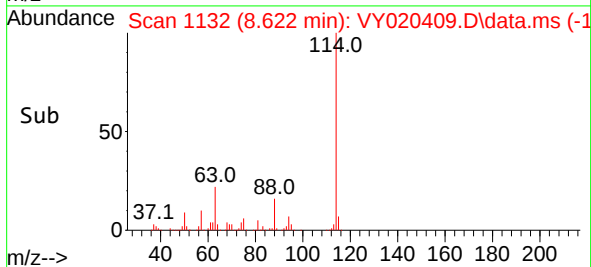
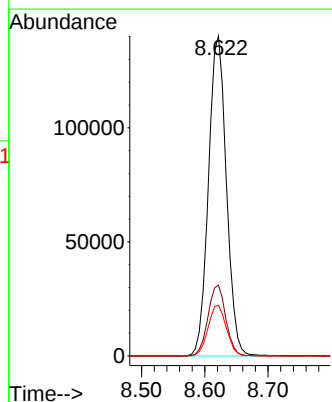
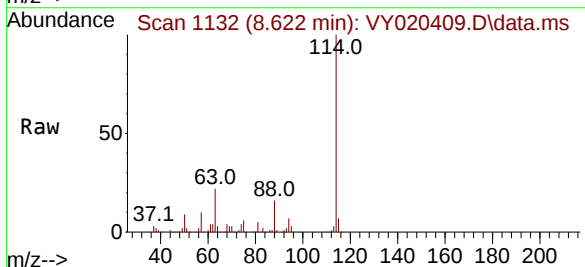
Tgt Ion: 114 Resp: 276397

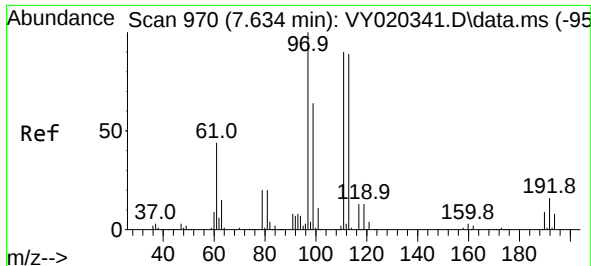
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.8

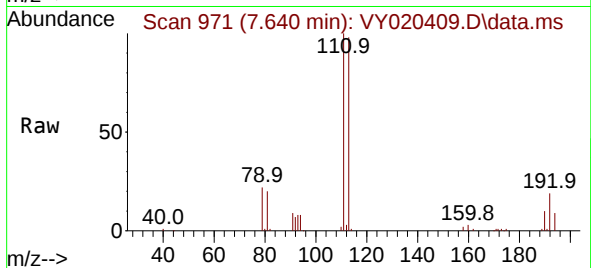
88 15.8 0.0 32.0



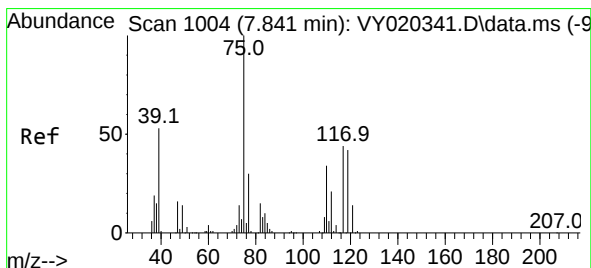
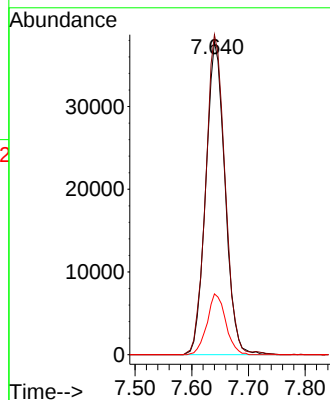
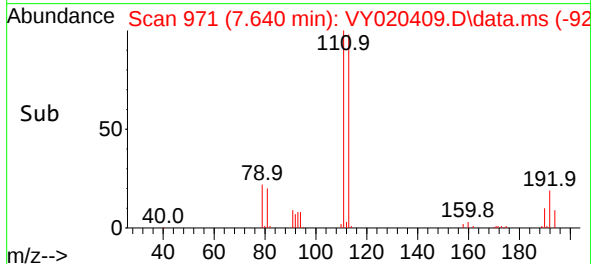


#35
Dibromofluoromethane
Concen: 50.251 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

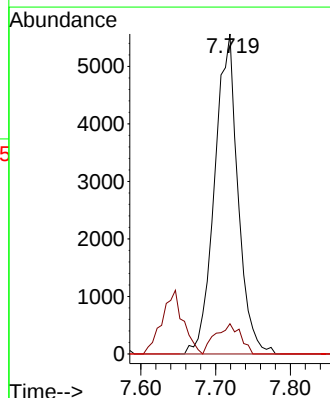
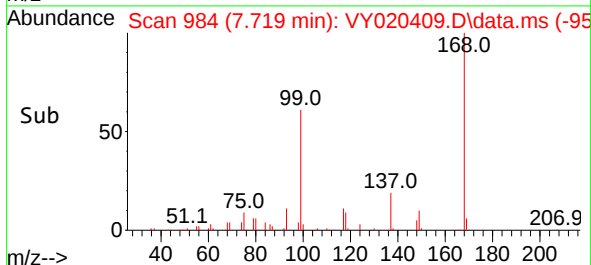
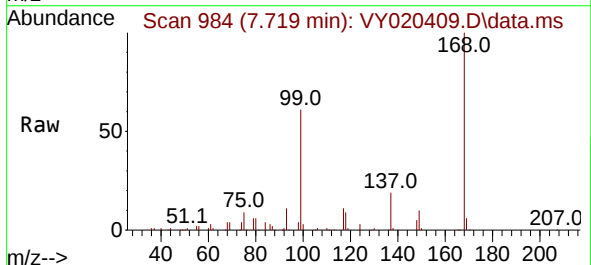


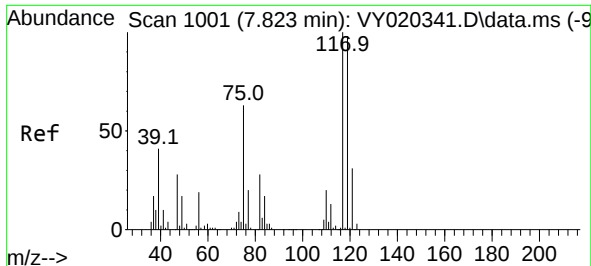
Tgt Ion:113 Resp: 89062
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.472 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

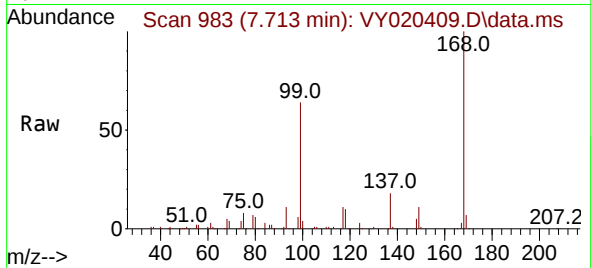
Tgt Ion: 75 Resp: 12106
Ion Ratio Lower Upper
75 100
110 10.0 16.7 50.0#
77 0.0 24.6 36.8#



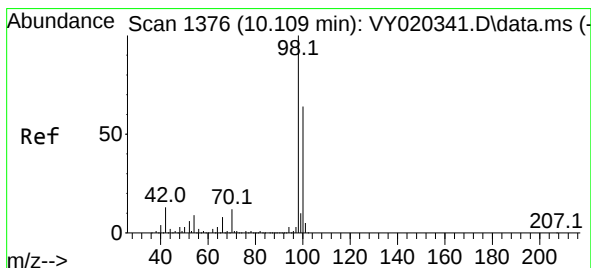
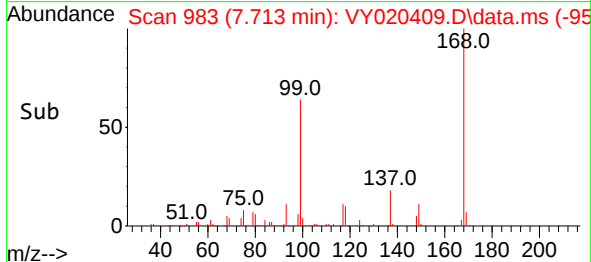
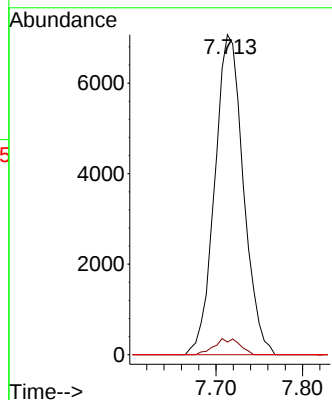


#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :

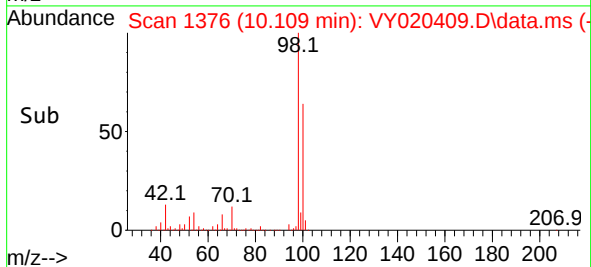
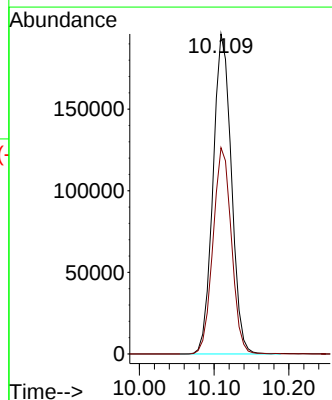
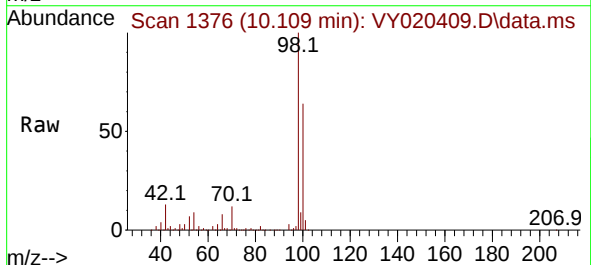


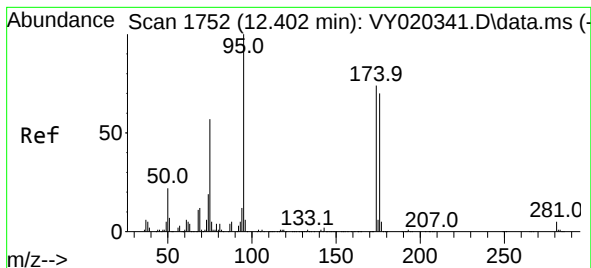
Tgt Ion:117 Resp: 16230
Ion Ratio Lower Upper
117 100
119 4.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.957 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Tgt Ion: 98 Resp: 334819
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9

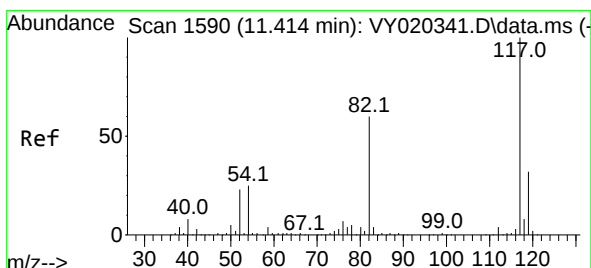
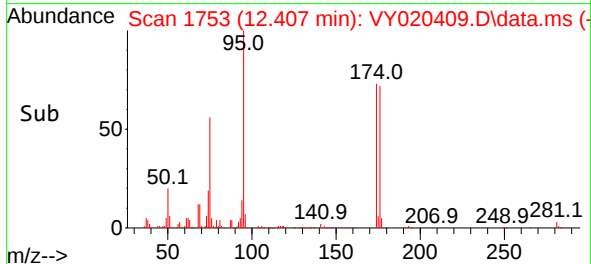
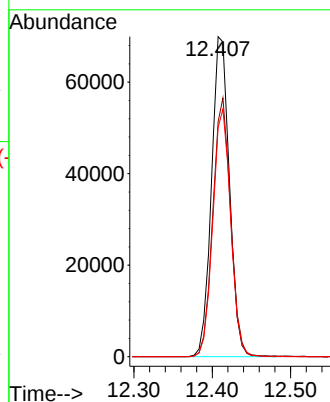
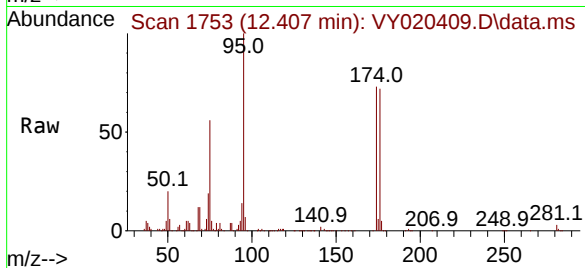




#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

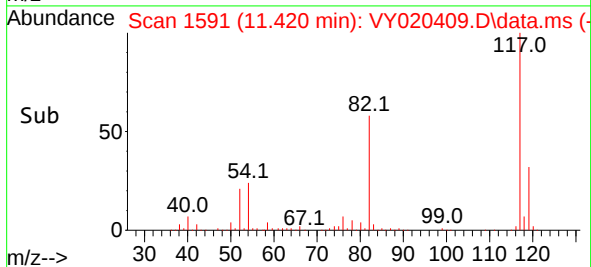
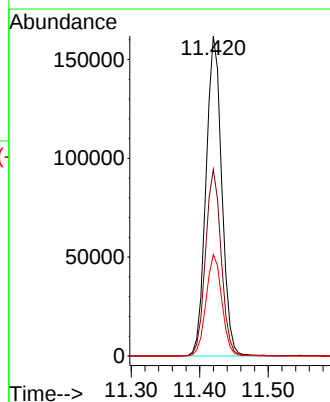
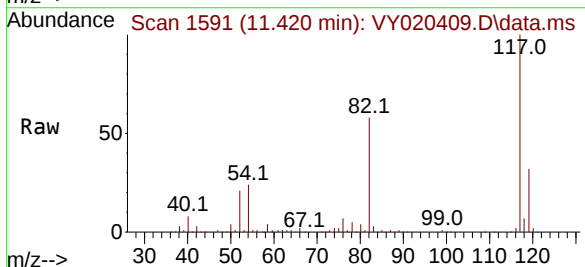
Instrument :
MSVOA_Y
ClientSampleId :

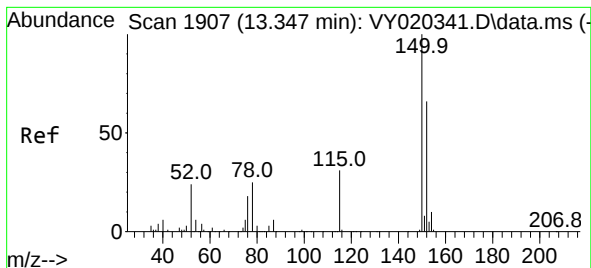
Tgt Ion: 95 Resp: 111096
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.8
176 76.9 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020409.D
Acq: 22 Nov 2024 13:39

Tgt Ion: 117 Resp: 259166
Ion Ratio Lower Upper
117 100
82 58.3 48.2 72.4
119 31.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020409.D

Acq: 22 Nov 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

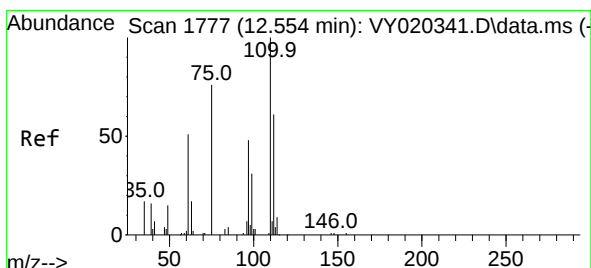
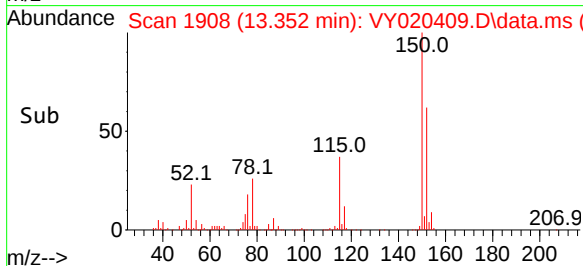
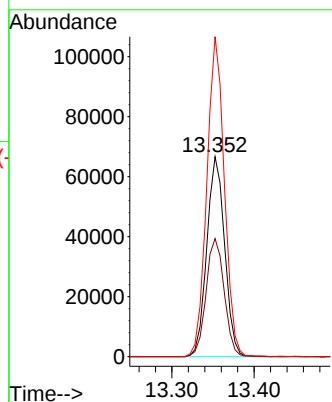
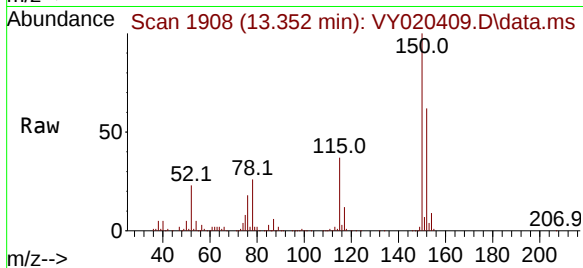
Tgt Ion:152 Resp: 100534

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 157.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 65.988 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY020409.D

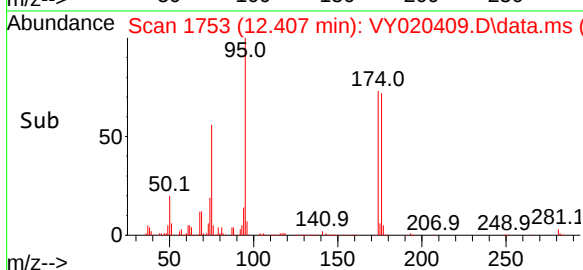
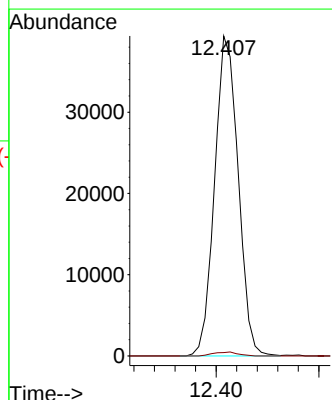
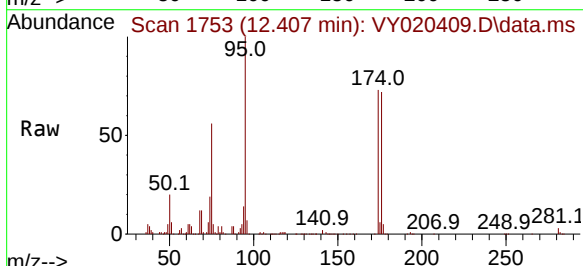
Acq: 22 Nov 2024 13:39

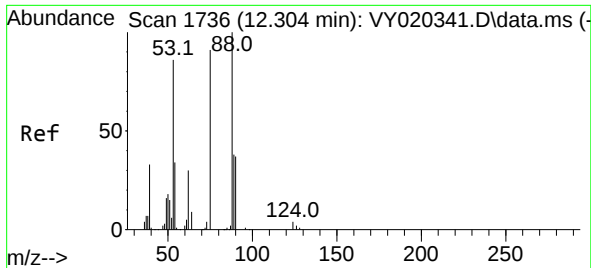
Tgt Ion: 75 Resp: 62528

Ion Ratio Lower Upper

75 100

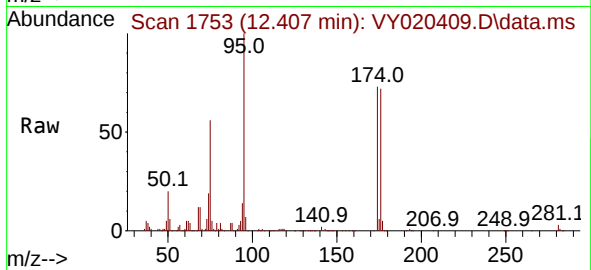
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.301 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY020409.D
 Acq: 22 Nov 2024 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 62528
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.2 35.1 52.7#

