

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020402.D
 Acq On : 22 Nov 2024 10:15
 Operator : SY/MD
 Sample : VY1122SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 23:56:34 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	7.720	168	161234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	306842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	269008	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	94757	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	88239	47.635	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.280%
35) Dibromofluoromethane	7.646	113	95193	48.381	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.115	98	368920	47.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.414	95	112970	45.341	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.680%

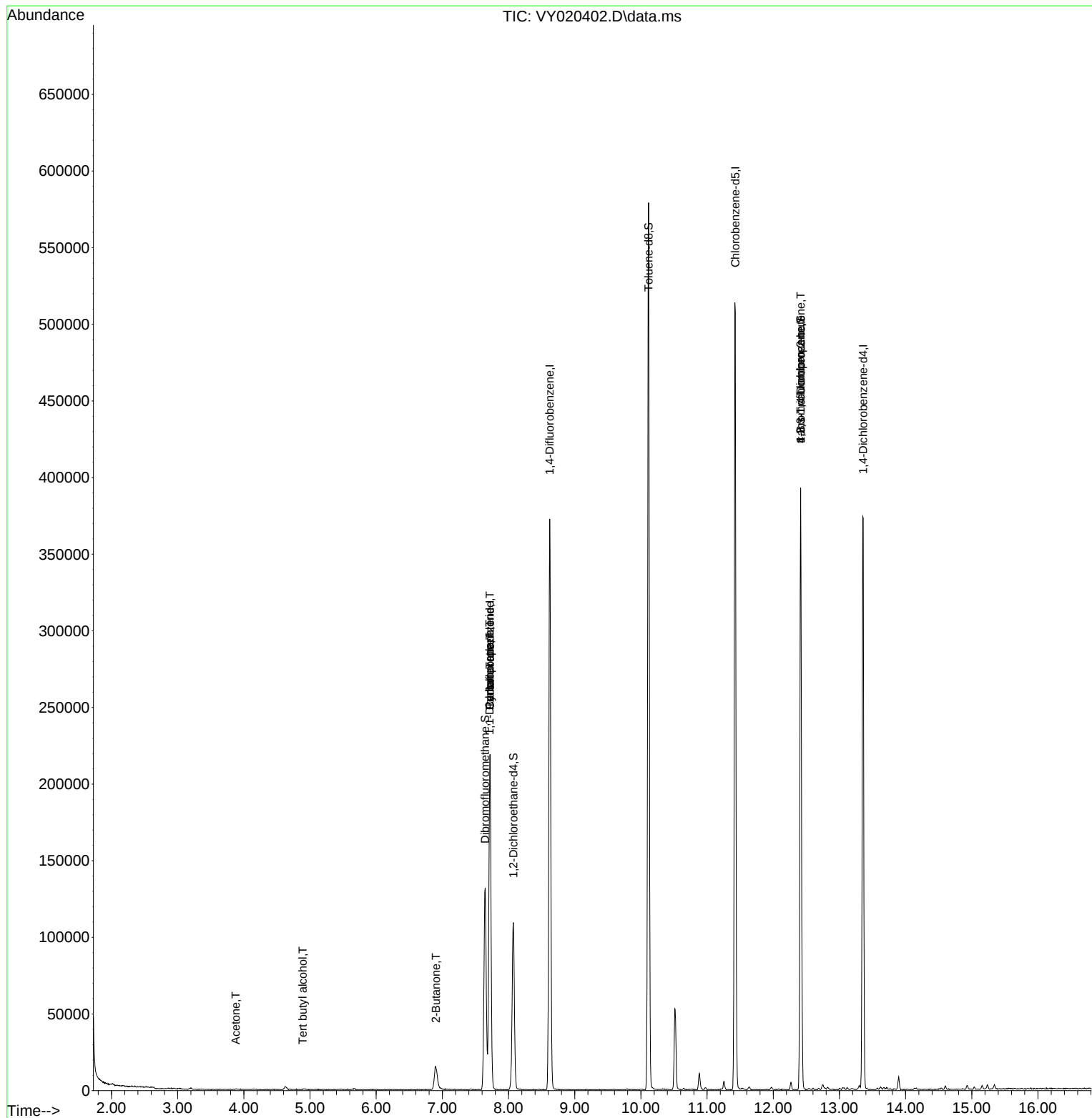
Target Compounds			Qvalue			
3) Chloromethane	2.074	50	188	Below Cal	#	41
11) Tert butyl alcohol	4.891	59	242	1.038	ug/l #	73
16) Acetone	3.879	43	830	1.869	ug/l #	43
25) 2-Butanone	6.903	43	1009	1.765	ug/l #	50
31) Cyclohexane	7.720	56	3564	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	13348	4.442	ug/l #	52
38) Carbon Tetrachloride	7.720	117	17529	5.587	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	62488	69.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	62488	137.096	ug/l #	9

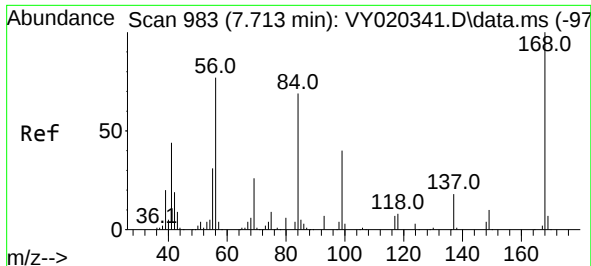
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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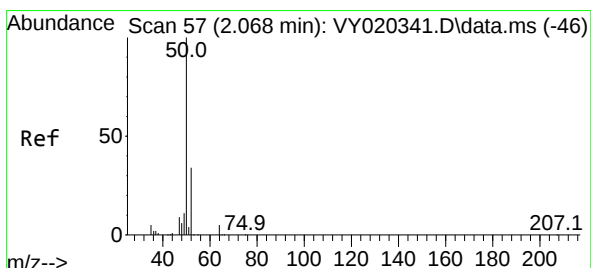
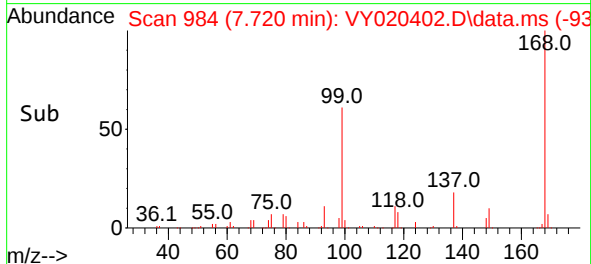
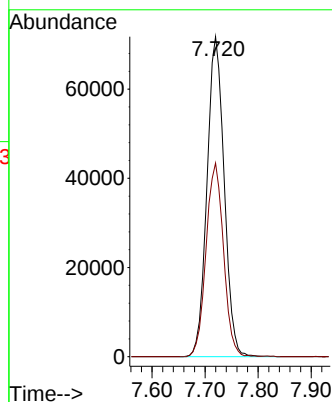
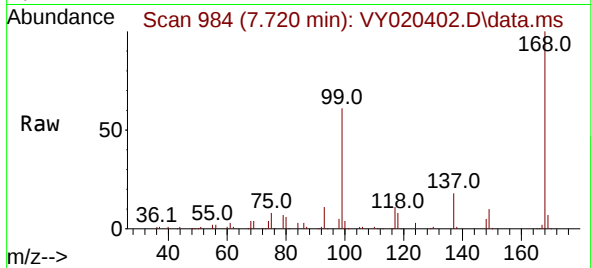




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

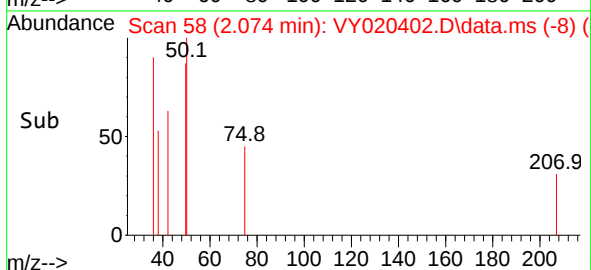
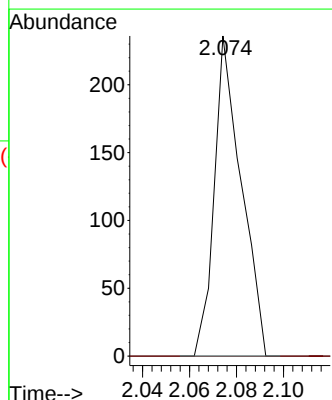
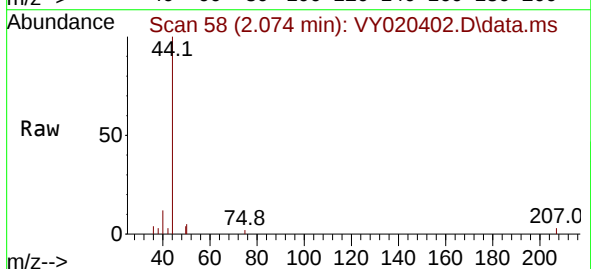
Instrument :
MSVOA_Y
ClientSampleId :

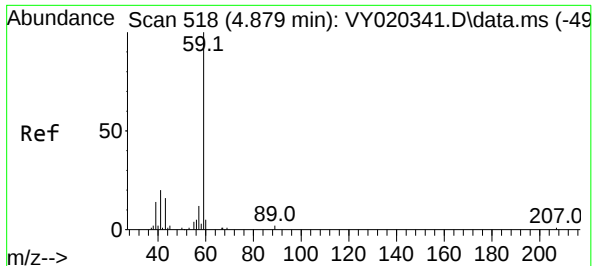
Tgt Ion:168 Resp: 161234
Ion Ratio Lower Upper
168 100
99 60.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

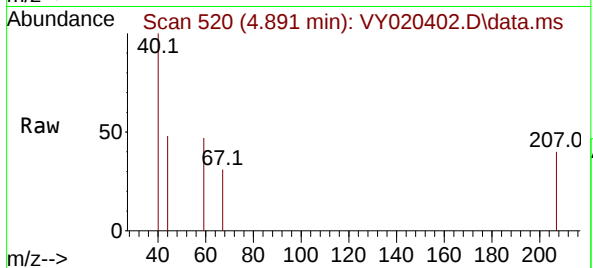
Tgt Ion: 50 Resp: 188
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



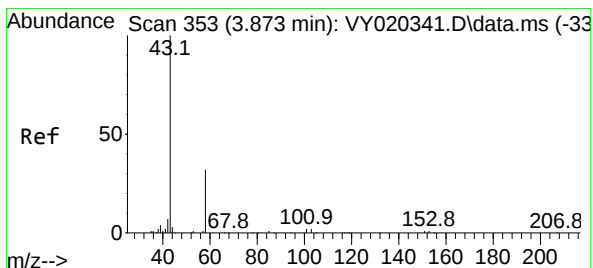
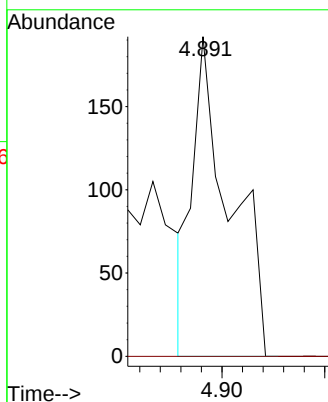
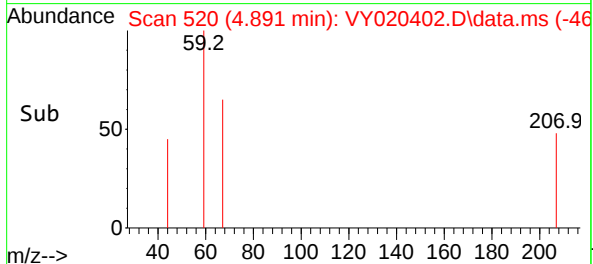


#11
Tert butyl alcohol
Concen: 1.038 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Instrument :
MSVOA_Y
ClientSampleId :

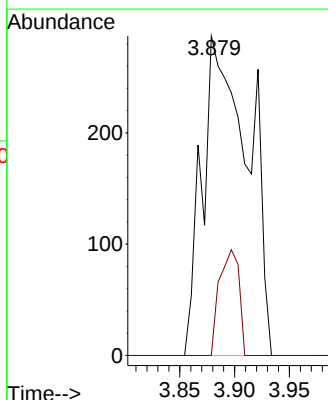
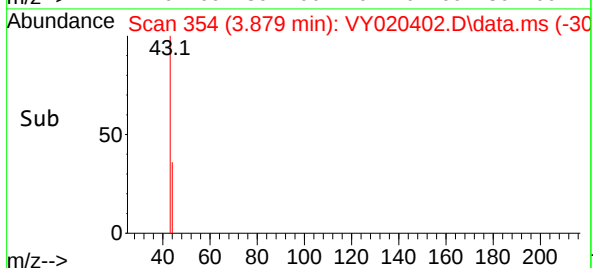
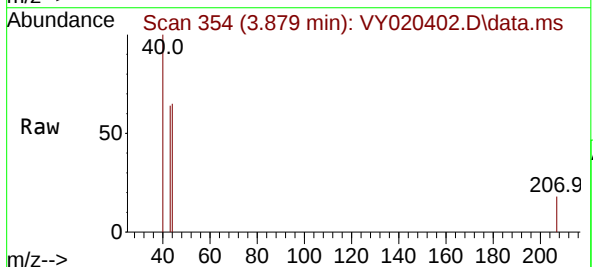


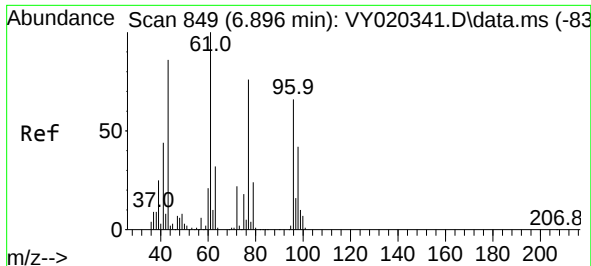
Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 1.869 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#

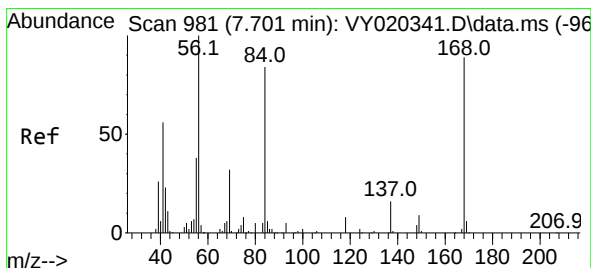
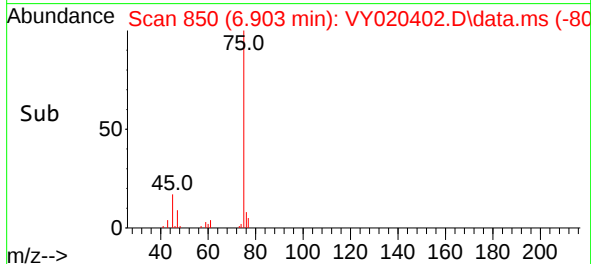
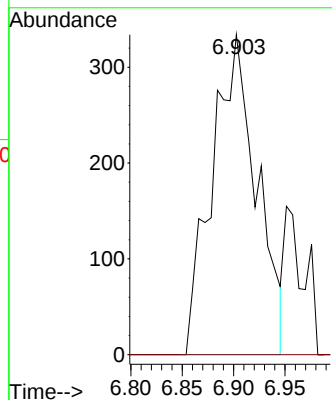
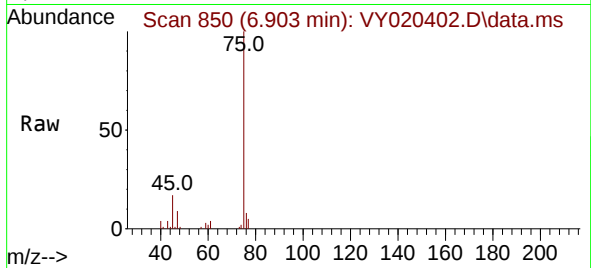




#25
2-Butanone
Concen: 1.765 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

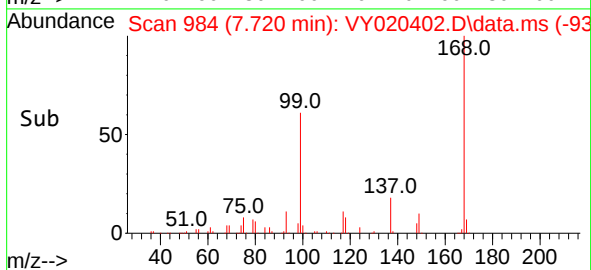
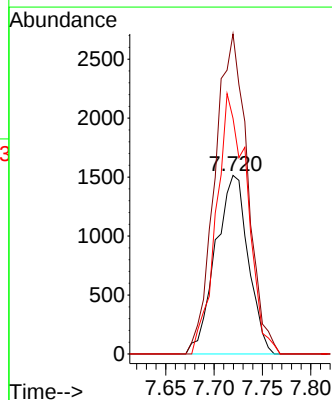
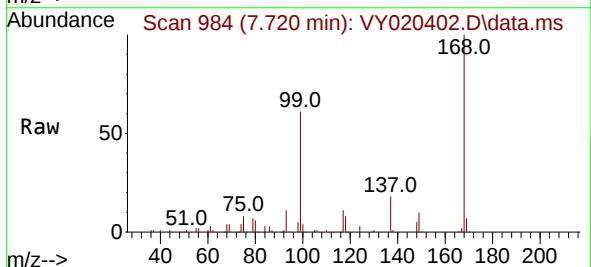
Instrument :
MSVOA_Y
ClientSampleId :

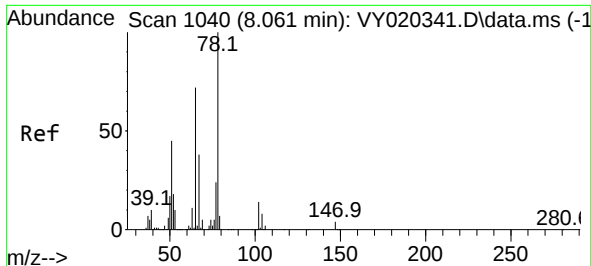
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Tgt Ion: 56 Resp: 3564
Ion Ratio Lower Upper
56 100
69 179.3 25.3 37.9#
84 132.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.635 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020402.D

Acq: 22 Nov 2024 10:15

Instrument :

MSVOA_Y

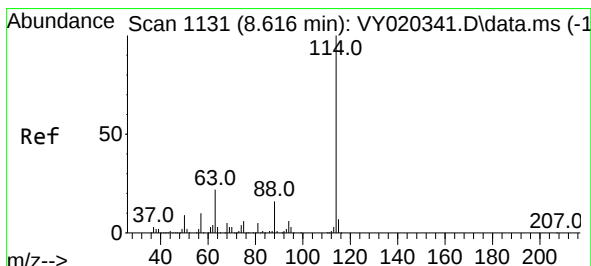
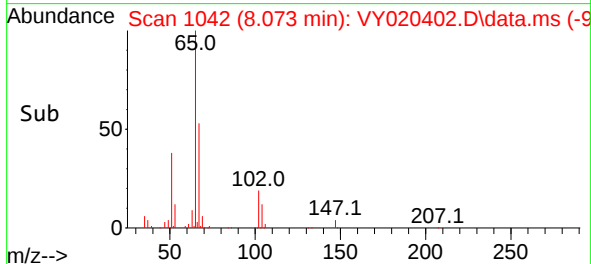
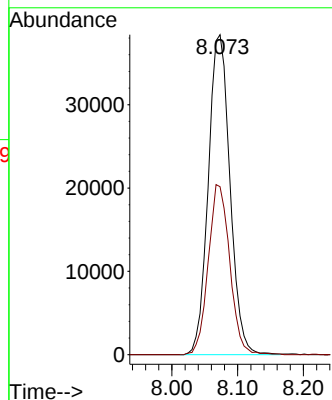
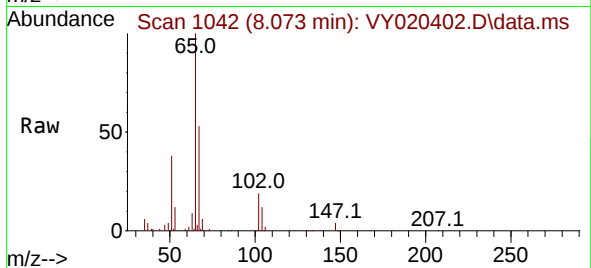
ClientSampleId :

Tgt Ion: 65 Resp: 88239

Ion Ratio Lower Upper

65 100

67 52.6 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: VY020402.D

Acq: 22 Nov 2024 10:15

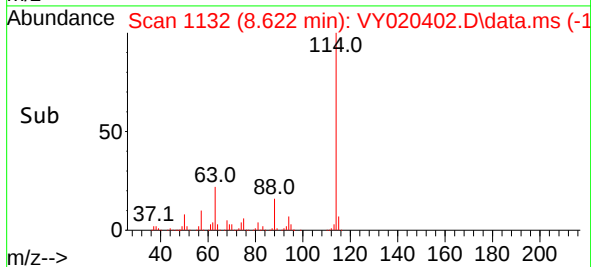
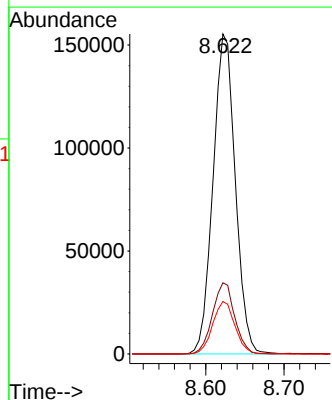
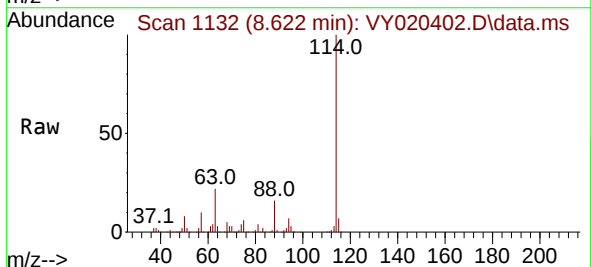
Tgt Ion:114 Resp: 306842

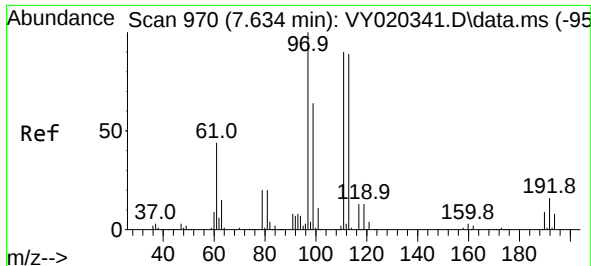
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.8

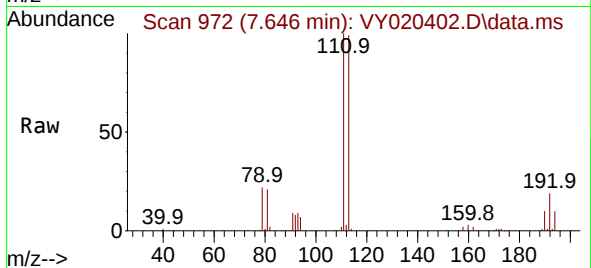
88 16.4 0.0 32.0



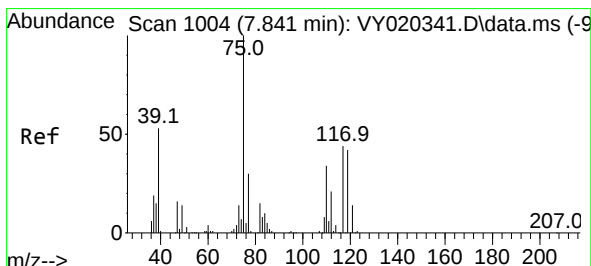
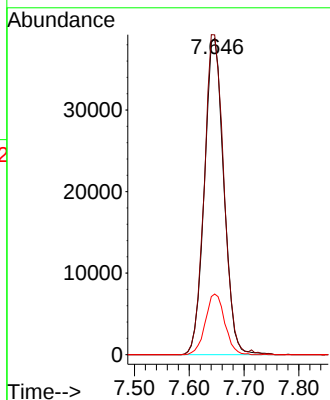
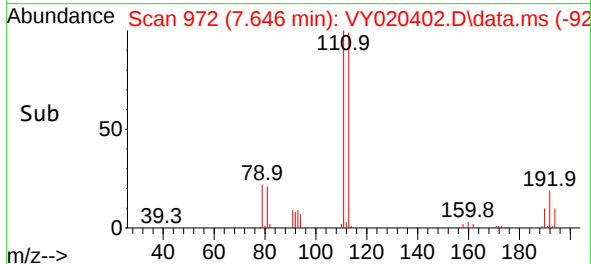


#35
Dibromofluoromethane
Concen: 48.381 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Instrument :
MSVOA_Y
ClientSampleId :

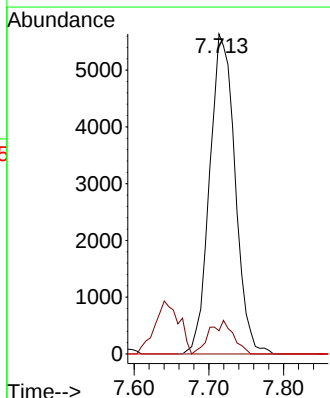
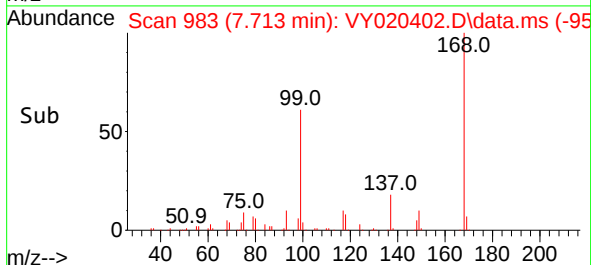
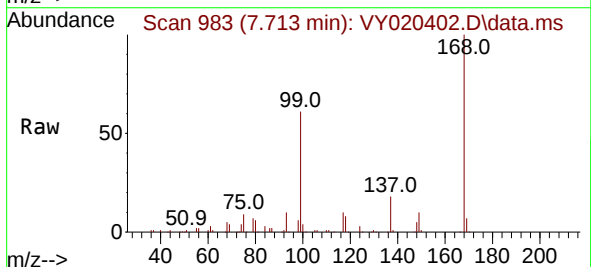


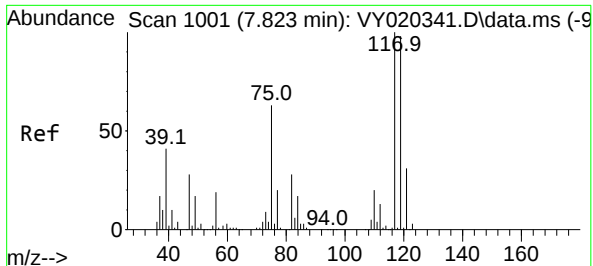
Tgt Ion:113 Resp: 95193
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.442 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

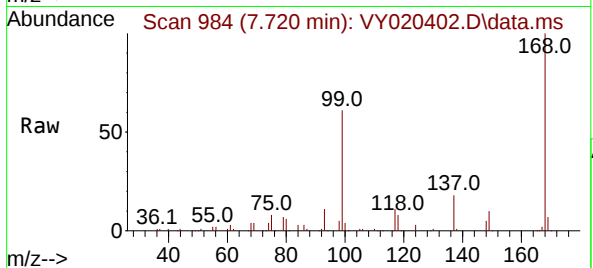
Tgt Ion: 75 Resp: 13348
Ion Ratio Lower Upper
75 100
110 9.8 16.7 50.0#
77 0.0 24.6 36.8#



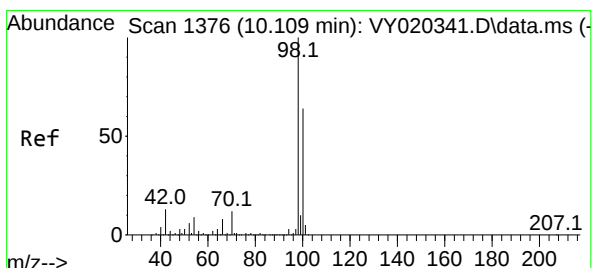
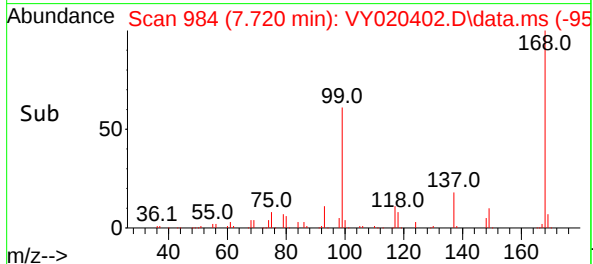
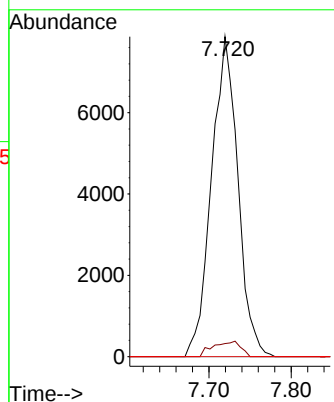


#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.720 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Instrument :
MSVOA_Y
ClientSampleId :

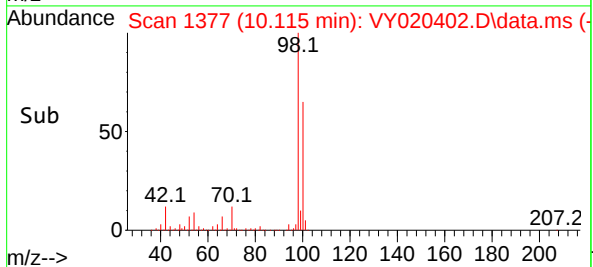
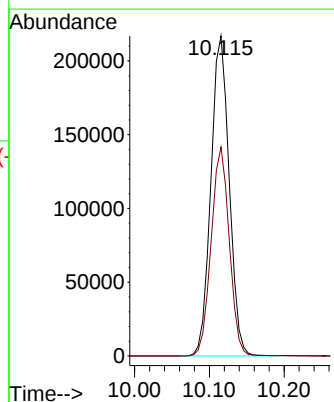
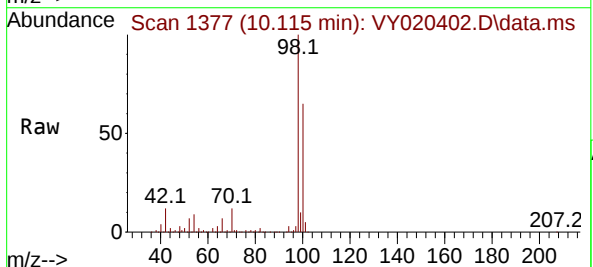


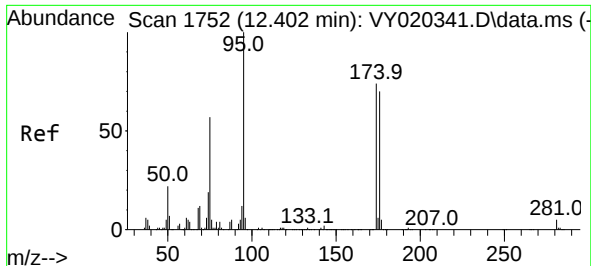
Tgt Ion:117 Resp: 17529
Ion Ratio Lower Upper
117 100
119 4.1 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.599 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Tgt Ion: 98 Resp: 368920
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9

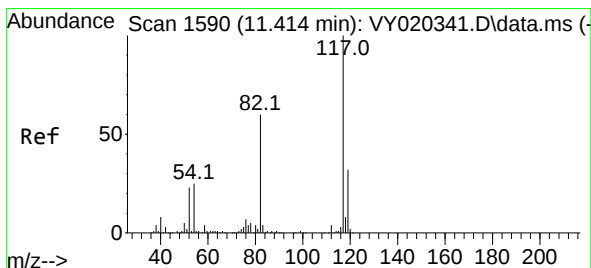
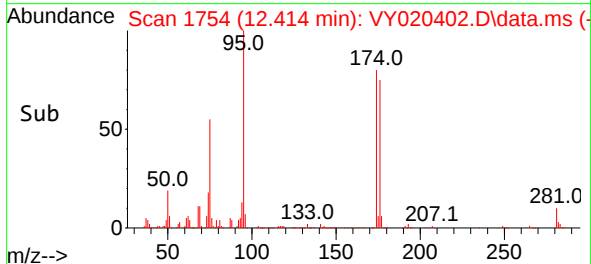
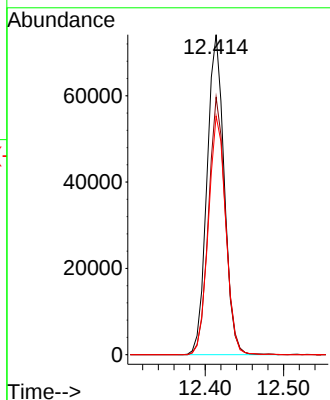
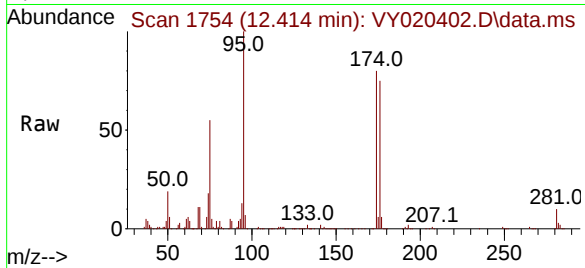




#62
4-Bromofluorobenzene
Concen: 45.341 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

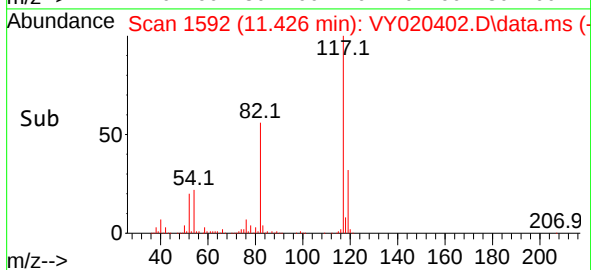
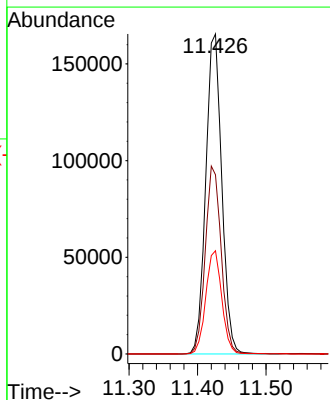
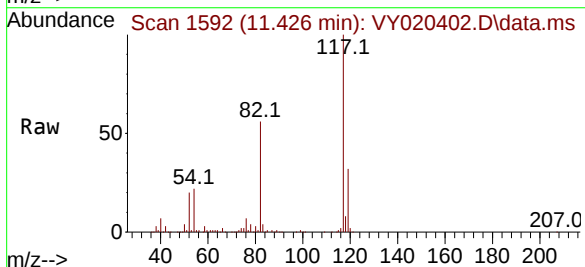
Instrument :
MSVOA_Y
ClientSampleId :

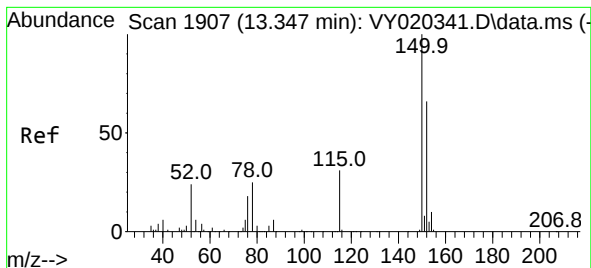
Tgt Ion: 95 Resp: 112970
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.8
176 75.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Tgt Ion:117 Resp: 269008
Ion Ratio Lower Upper
117 100
82 56.0 48.2 72.4
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY020402.D

Acq: 22 Nov 2024 10:15

Instrument :

MSVOA_Y

ClientSampleId :

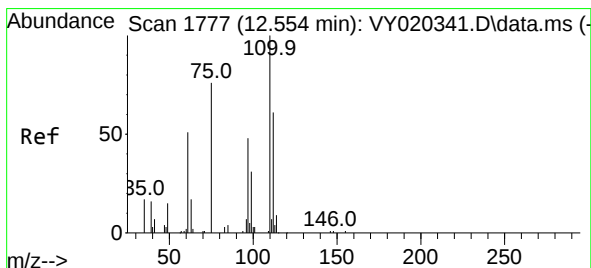
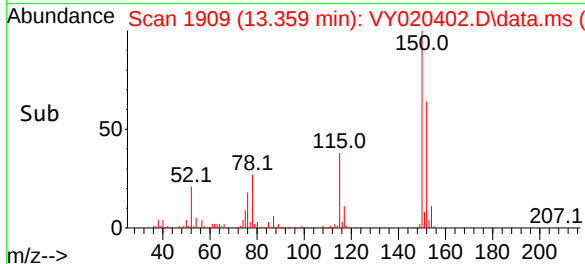
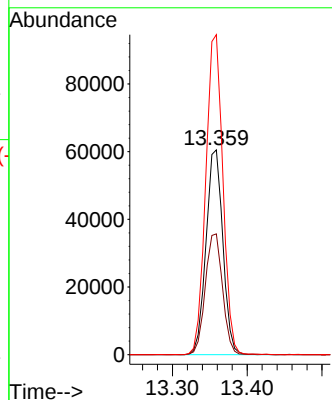
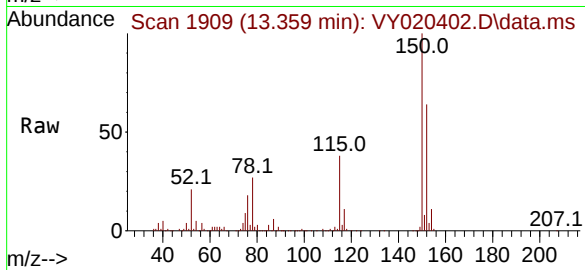
Tgt Ion:152 Resp: 94757

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 69.966 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020402.D

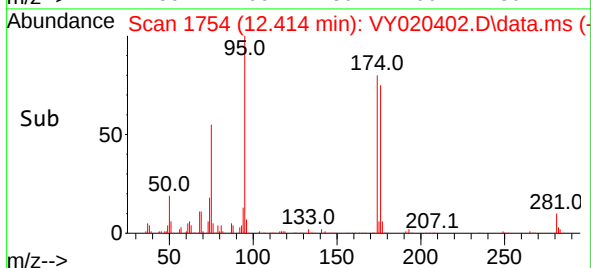
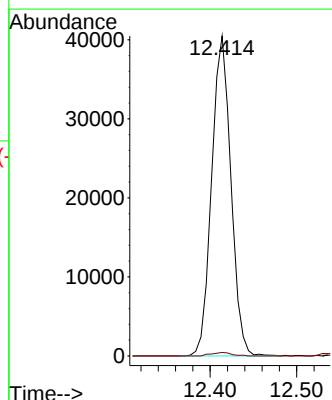
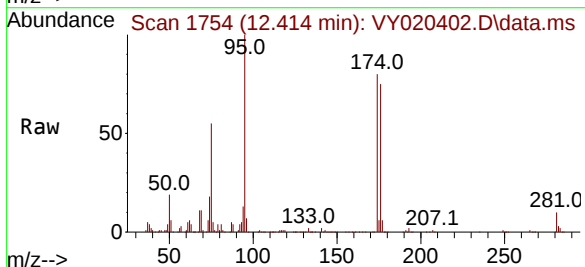
Acq: 22 Nov 2024 10:15

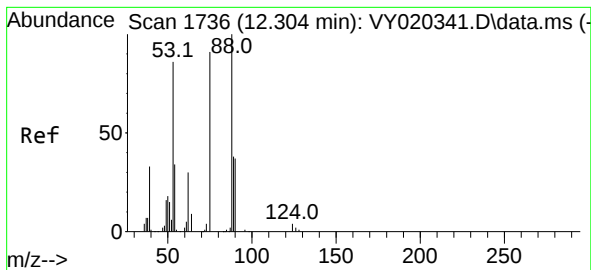
Tgt Ion: 75 Resp: 62488

Ion Ratio Lower Upper

75 100

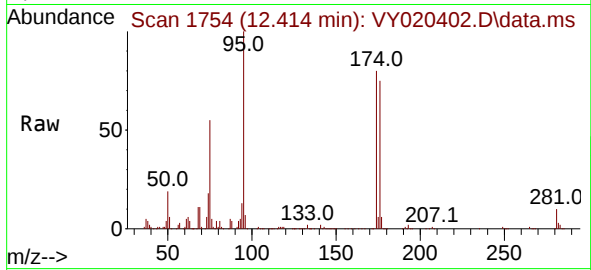
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.096 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY020402.D
Acq: 22 Nov 2024 10:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 62488
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

