

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020374.D
 Acq On : 21 Nov 2024 09:59
 Operator : SY/MD
 Sample : VY1121SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 13:56:07 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	7.713	168	139506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	270751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	245370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	89046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	83114	51.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.720%
35) Dibromofluoromethane	7.640	113	84115	48.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.109	98	329763	48.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.408	95	104043	47.324	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.640%

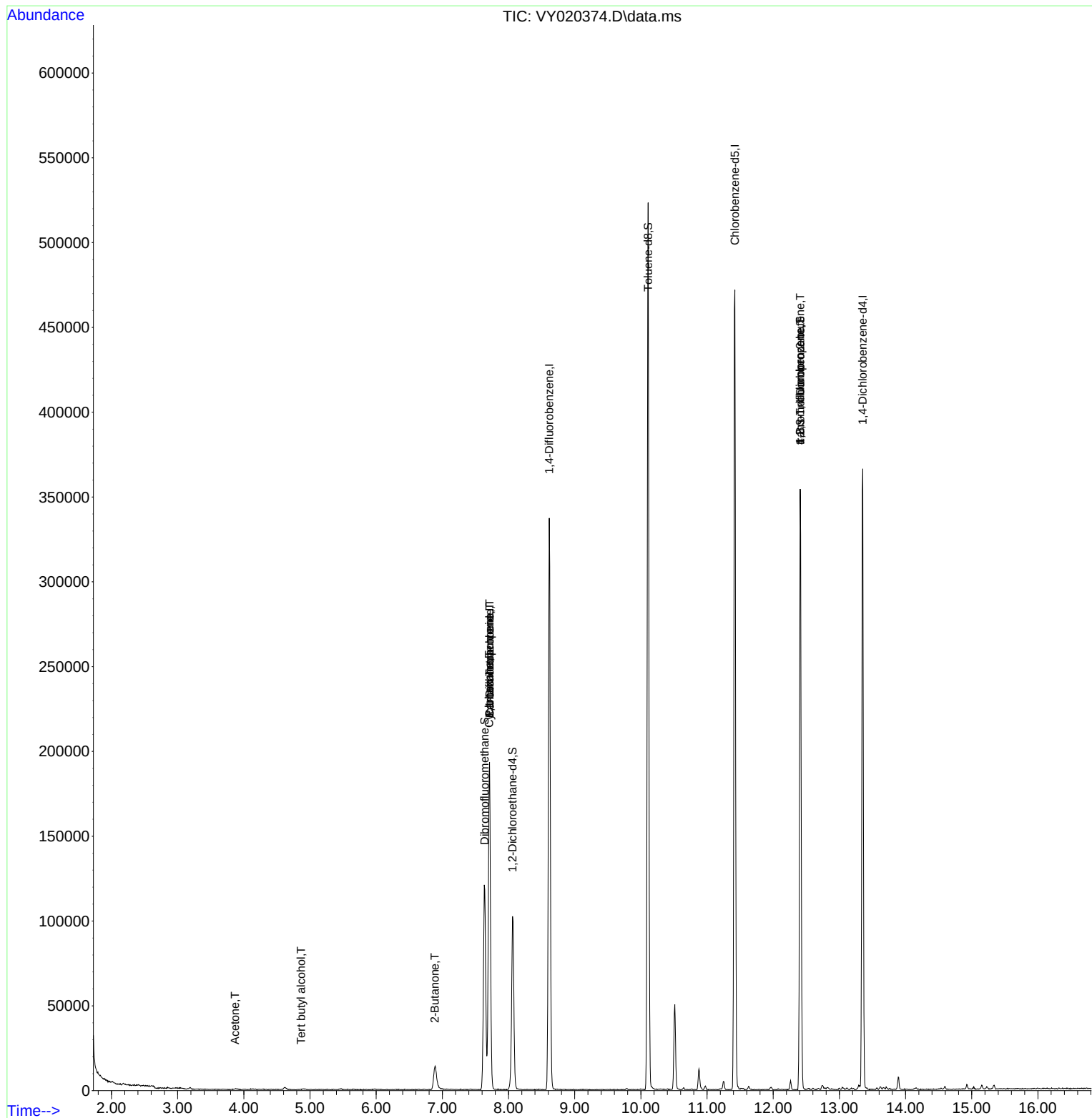
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	101	Below Cal	#	41
11) Tert butyl alcohol	4.866	59	369	2.281	ug/l #	73
16) Acetone	3.867	43	790	2.056	ug/l #	79
25) 2-Butanone	6.884	43	583	1.179	ug/l #	50
31) Cyclohexane	7.707	56	3087	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	12403	4.677	ug/l #	52
38) Carbon Tetrachloride	7.713	117	15707	5.673	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	58021	69.131	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	58021	135.460	ug/l #	9

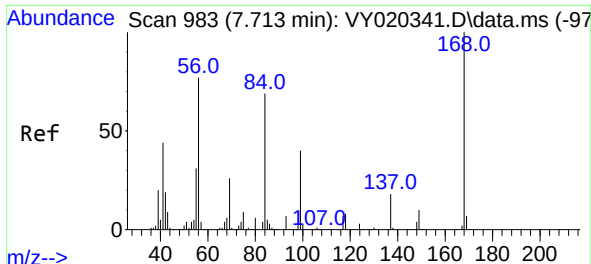
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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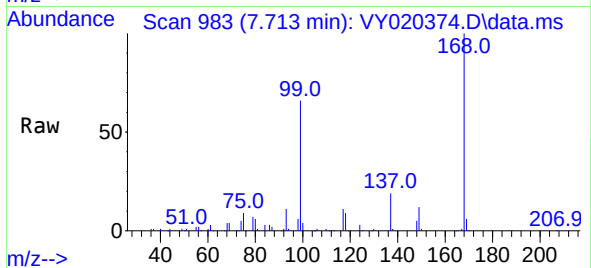
Quant Time: Nov 21 13:56:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



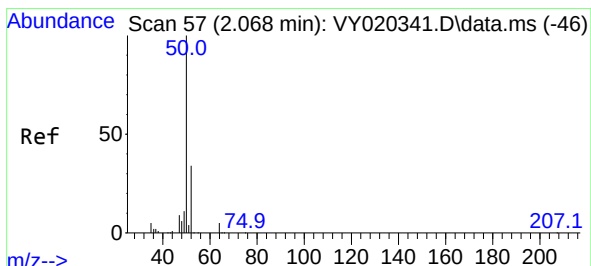
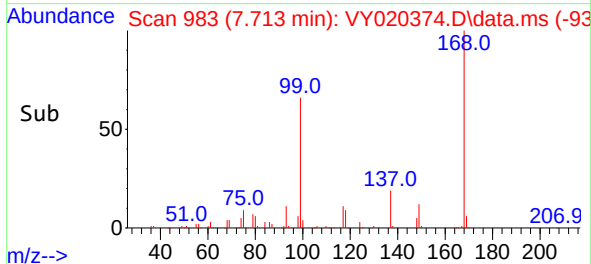
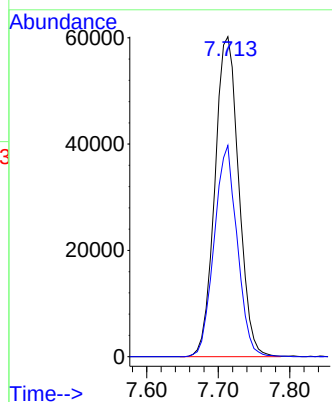


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :

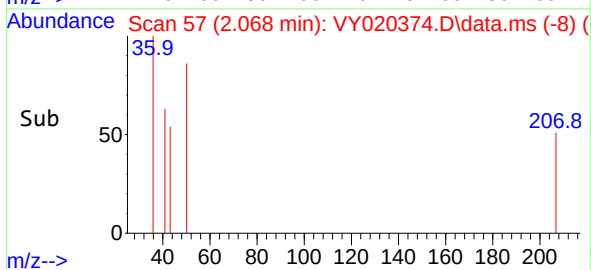
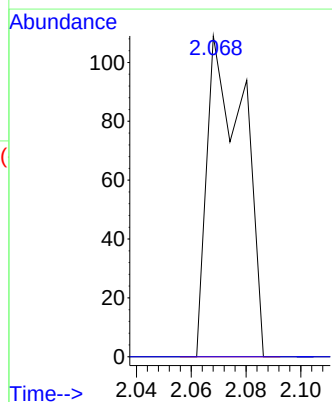
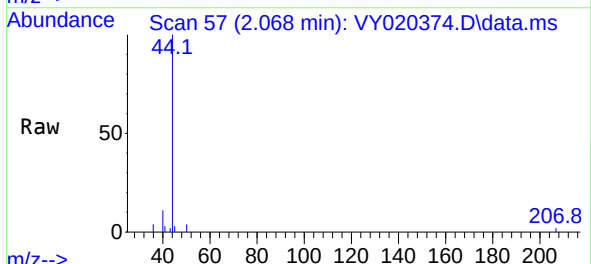


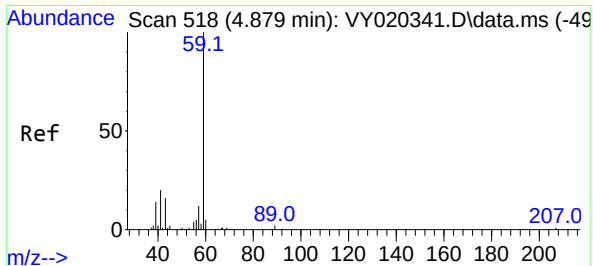
Tgt Ion:168 Resp: 139506
Ion Ratio Lower Upper
168 100
99 66.0 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Tgt Ion: 50 Resp: 101
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

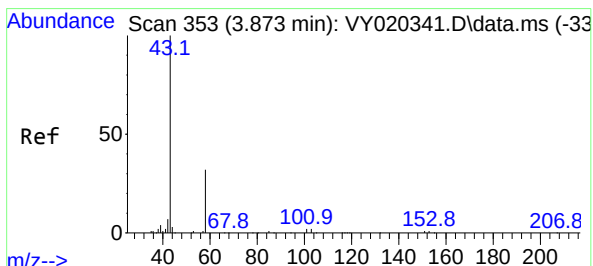
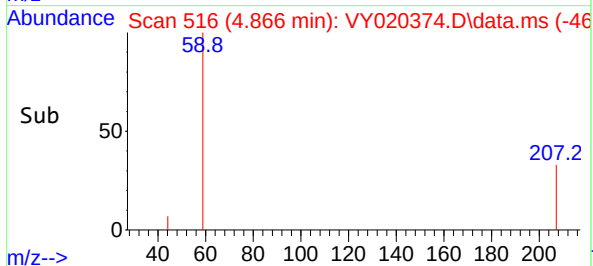
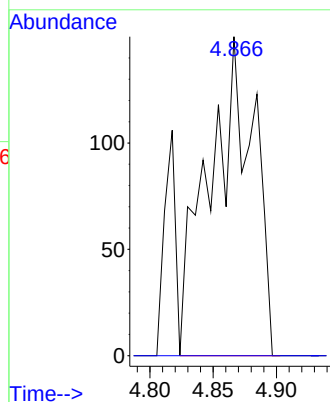
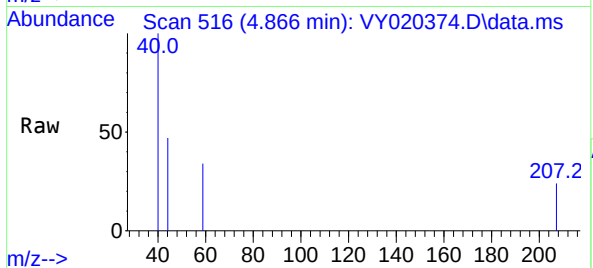




#11
Tert butyl alcohol
Concen: 2.281 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

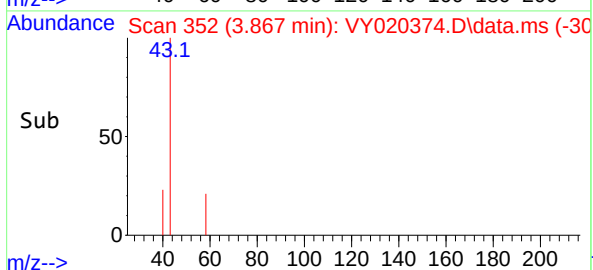
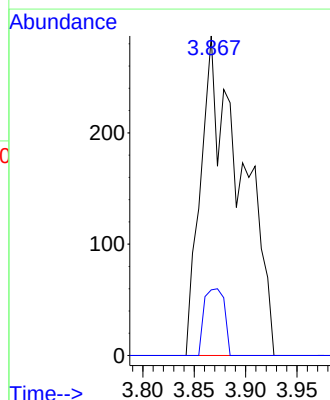
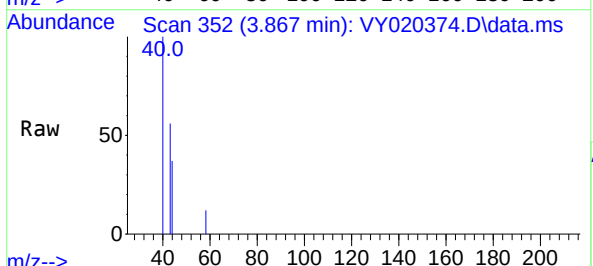
Instrument :
MSVOA_Y
ClientSampleId :

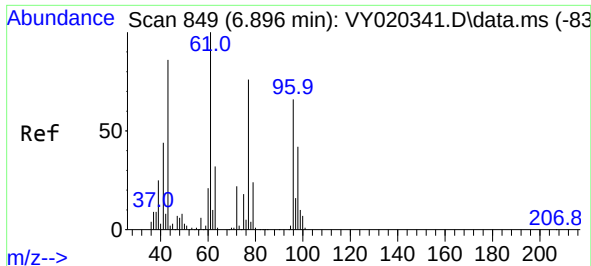
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 2.056 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

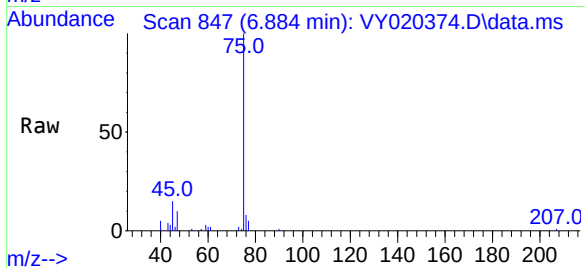
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 20.6 25.7 38.5#



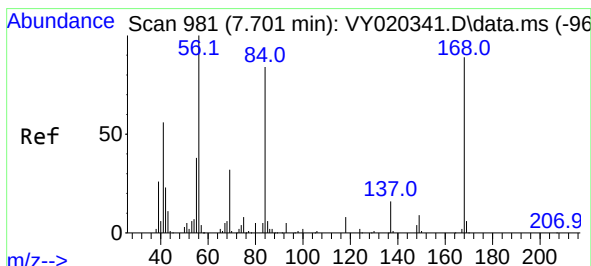
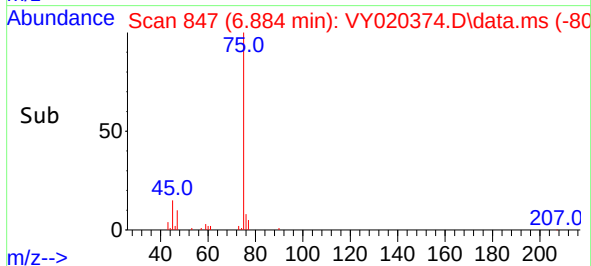
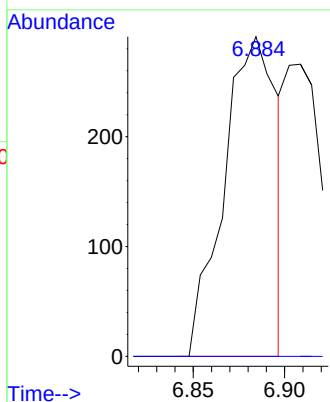


#25
2-Butanone
Concen: 1.179 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :

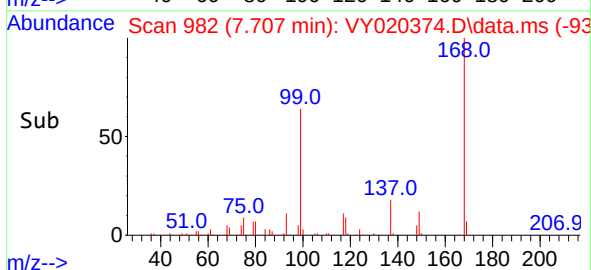
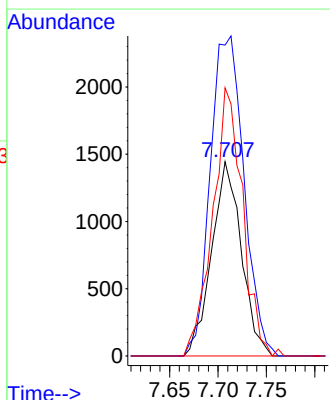
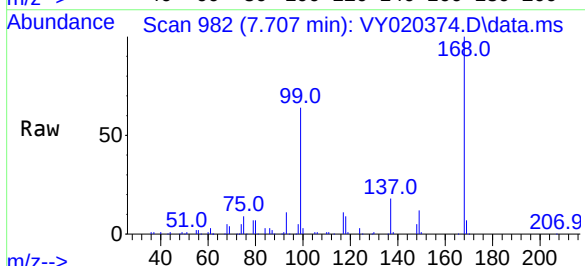


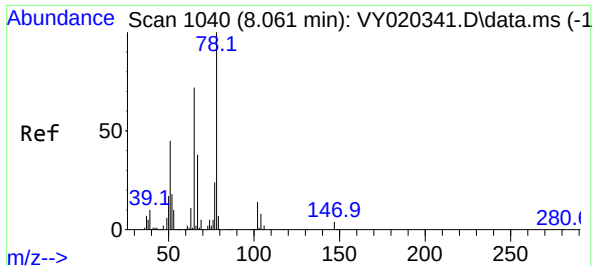
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 160.0 25.3 37.9#
84 138.1 66.9 100.3#

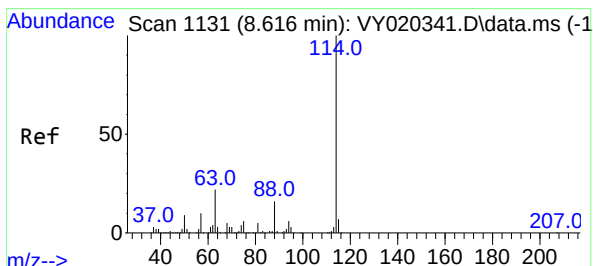
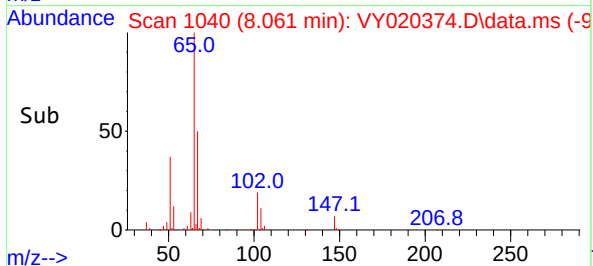
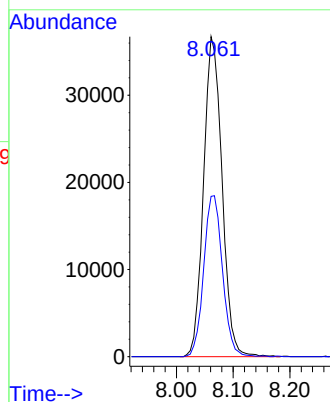
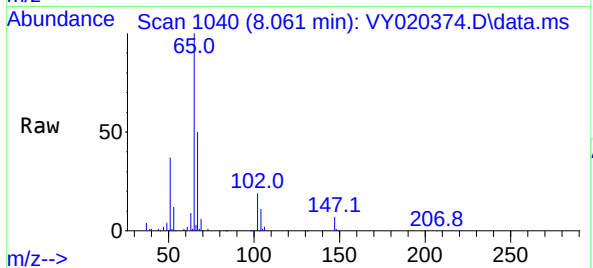




#33
1,2-Dichloroethane-d4
Concen: 51.857 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

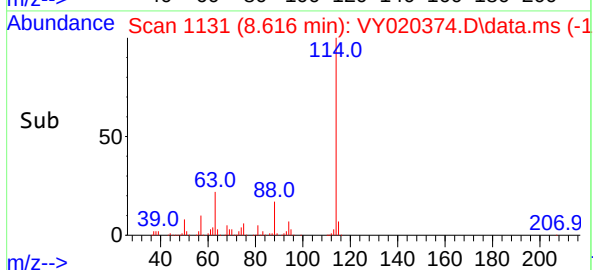
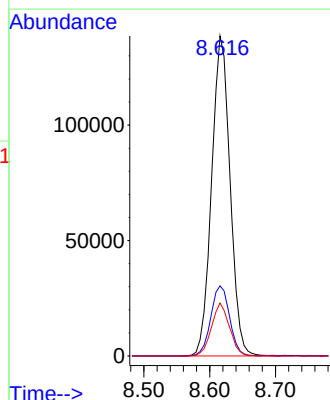
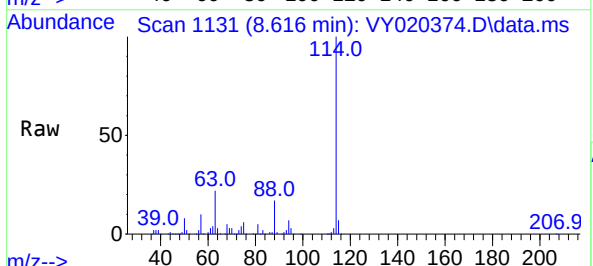
Instrument :
MSVOA_Y
ClientSampleId :

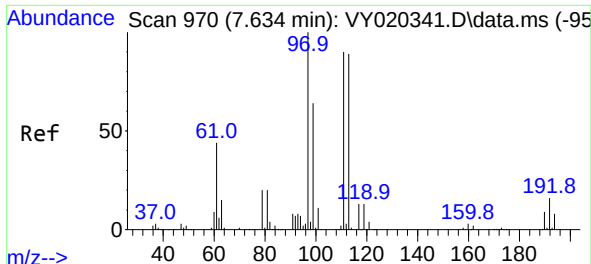
Tgt Ion: 65 Resp: 83114
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

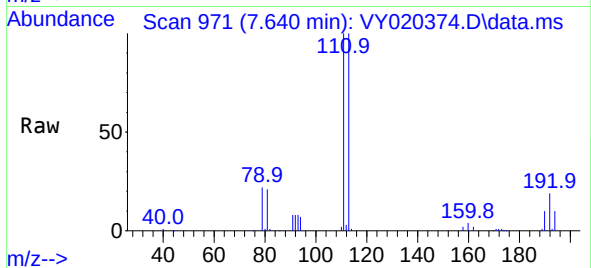
Tgt Ion:114 Resp: 270751
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.8
88 16.5 0.0 32.0



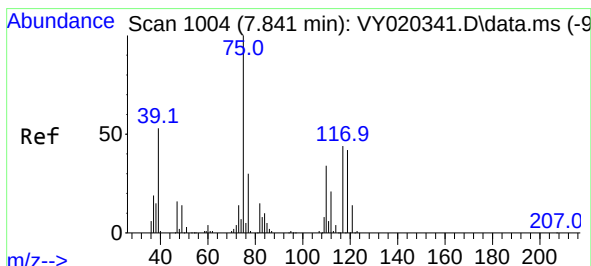
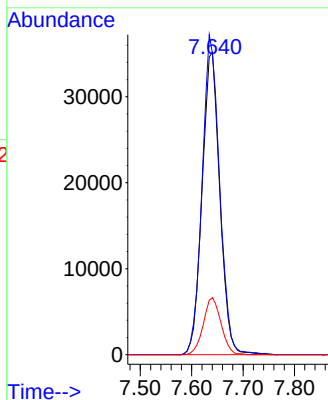
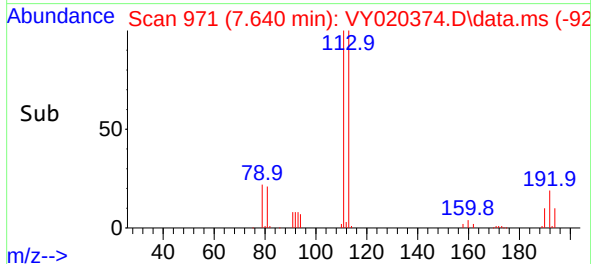


#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :

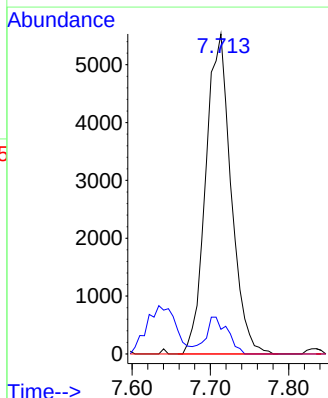
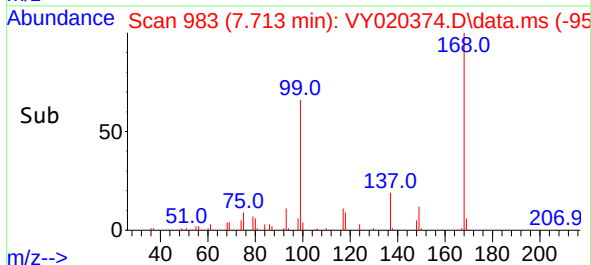
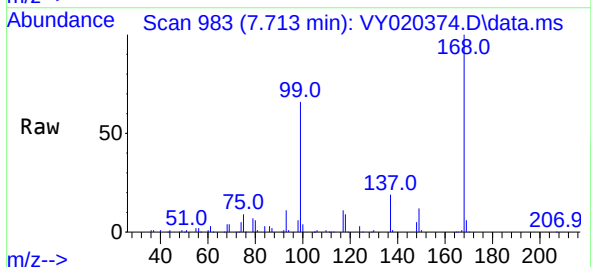


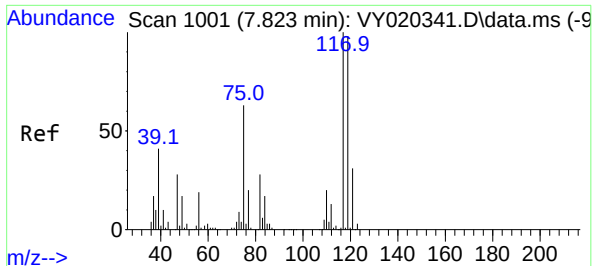
Tgt Ion:113 Resp: 84115
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

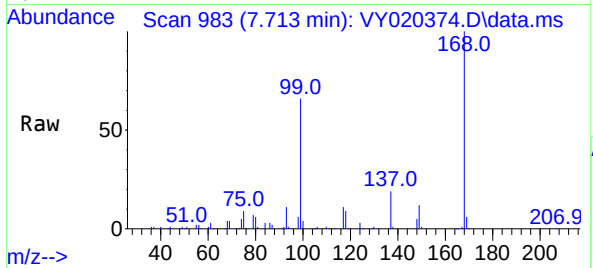
Tgt Ion: 75 Resp: 12403
Ion Ratio Lower Upper
75 100
110 9.9 16.7 50.0#
77 0.0 24.6 36.8#



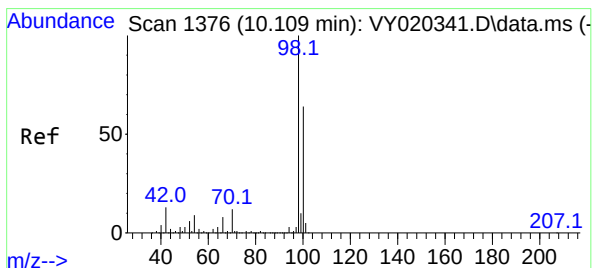
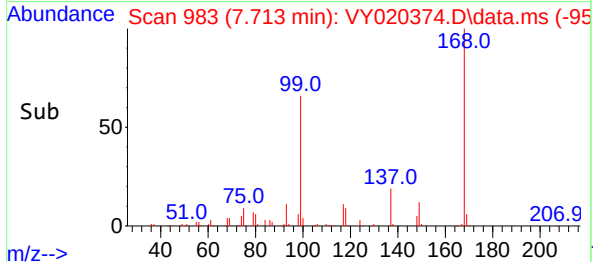
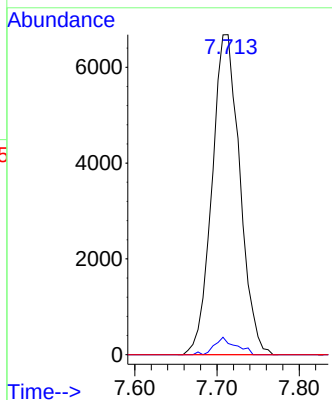


#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :

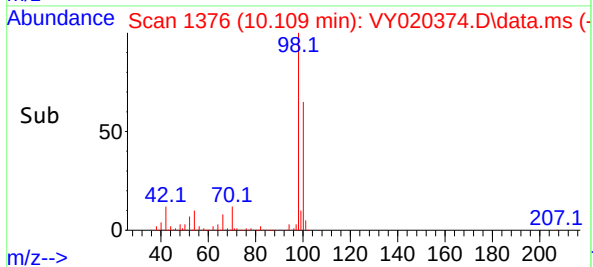
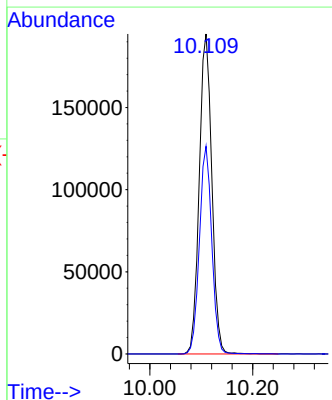
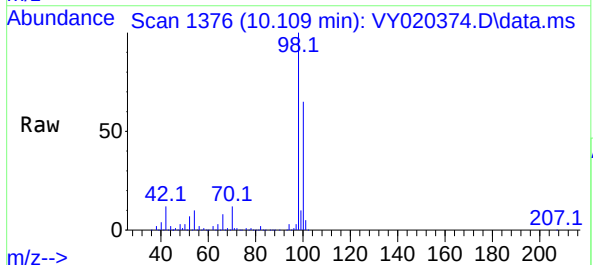


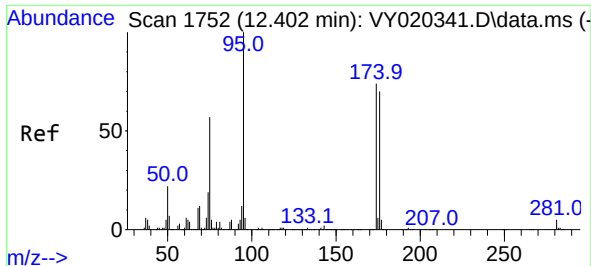
Tgt Ion:117 Resp: 15707
Ion Ratio Lower Upper
117 100
119 3.5 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Tgt Ion: 98 Resp: 329763
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9

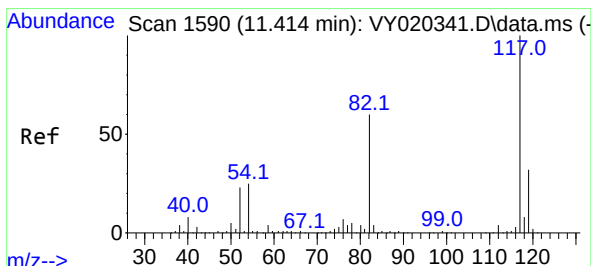
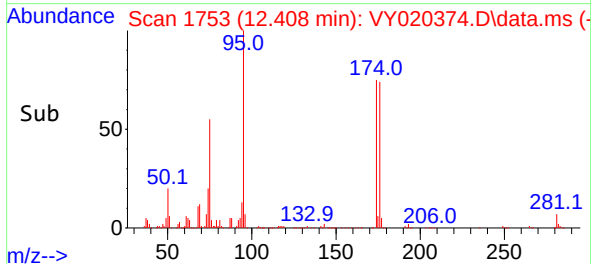
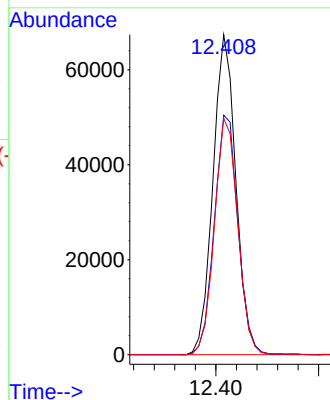
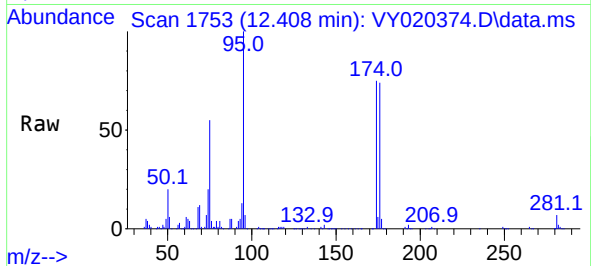




#62
4-Bromofluorobenzene
Concen: 47.324 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

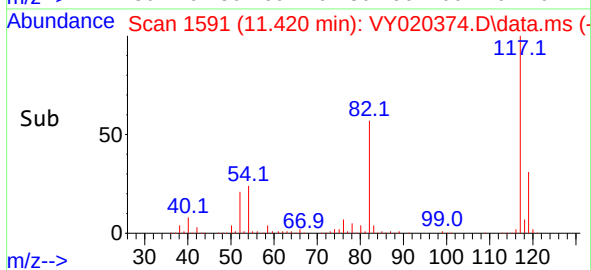
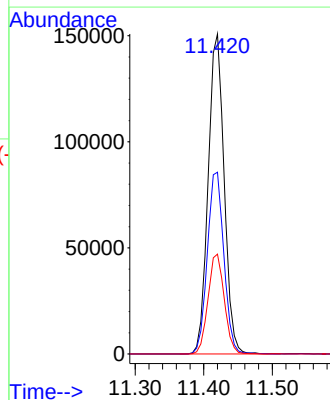
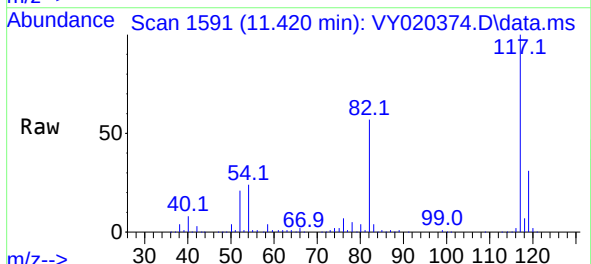
Instrument :
MSVOA_Y
ClientSampleId :

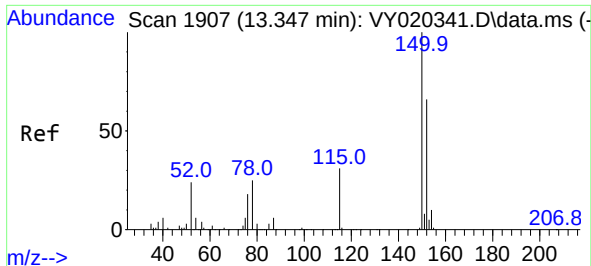
Tgt Ion: 95 Resp: 104043
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.8
176 75.4 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

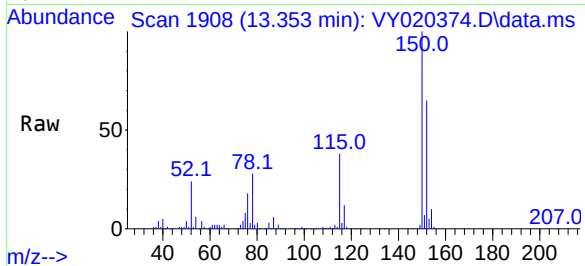
Tgt Ion: 117 Resp: 245370
Ion Ratio Lower Upper
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82 56.8 48.2 72.4
119 31.2 25.8 38.8



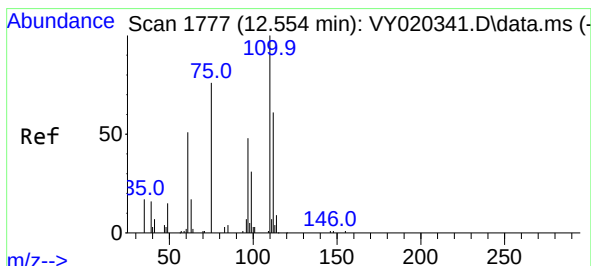
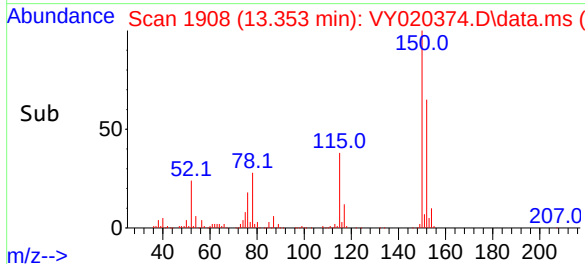
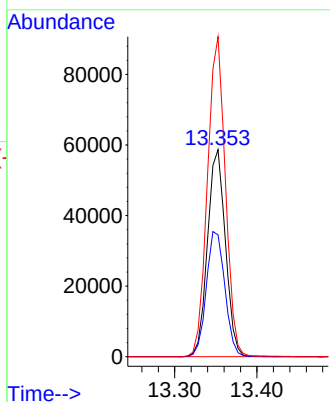


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :

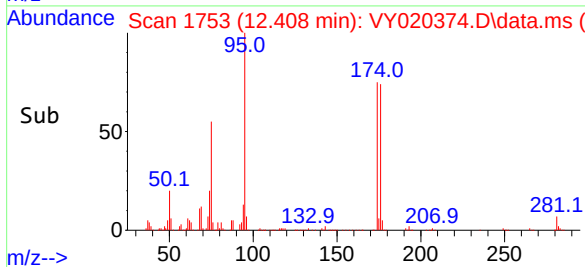
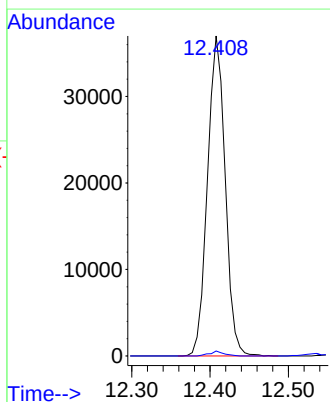
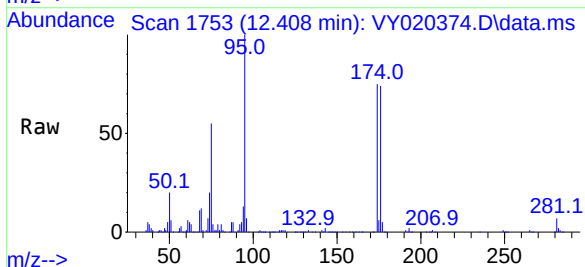


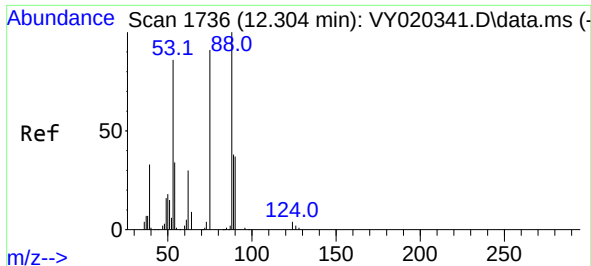
Tgt Ion:152 Resp: 89046
Ion Ratio Lower Upper
152 100
115 62.6 30.0 90.0
150 154.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 69.131 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

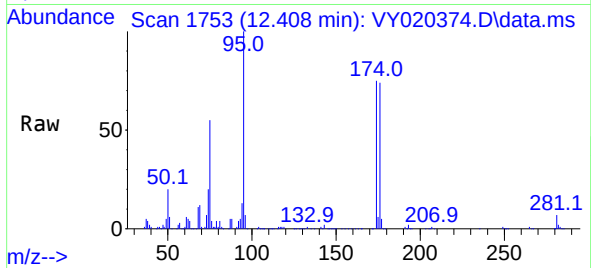
Tgt Ion: 75 Resp: 58021
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.460 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020374.D
Acq: 21 Nov 2024 09:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 58021
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

