

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020377.D
 Acq On : 21 Nov 2024 11:25
 Operator : SY/MD
 Sample : P4852-01
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 13:56:44 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	137407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	264667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	248534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	91897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	92476	58.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.160%
35) Dibromofluoromethane	7.640	113	85861	50.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.109	98	329586	49.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.408	95	106344	49.483	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.960%

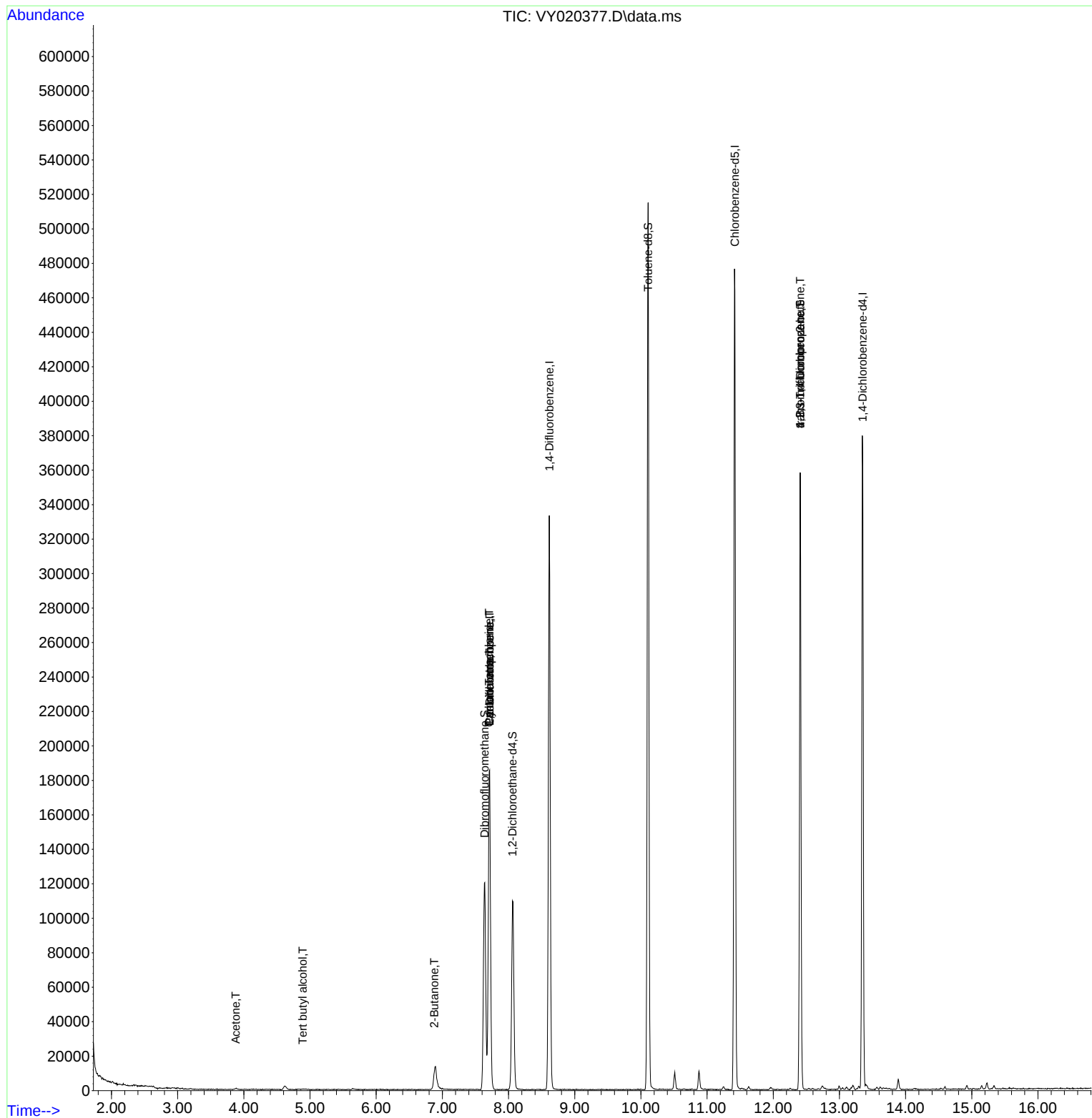
Target Compounds					Qvalue	
3) Chloromethane	2.074	50	126	Below Cal	#	41
11) Tert butyl alcohol	4.891	59	256	1.432	ug/l #	73
16) Acetone	3.879	43	1196	3.160	ug/l	96
25) 2-Butanone	6.878	43	962	1.975	ug/l #	83
31) Cyclohexane	7.713	56	3218	1.094	ug/l #	14
36) 1,1-Dichloropropene	7.713	75	12123	4.677	ug/l #	51
38) Carbon Tetrachloride	7.707	117	15381	5.683	ug/l #	14
76) 1,2,3-Trichloropropane	12.408	75	59267	68.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	59267	134.076	ug/l #	9

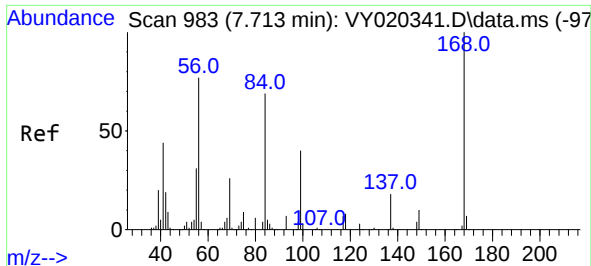
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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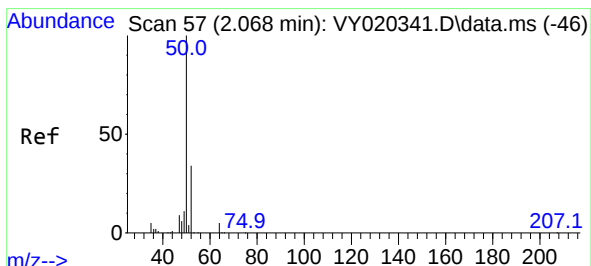
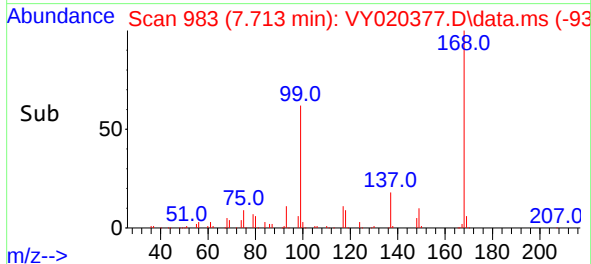
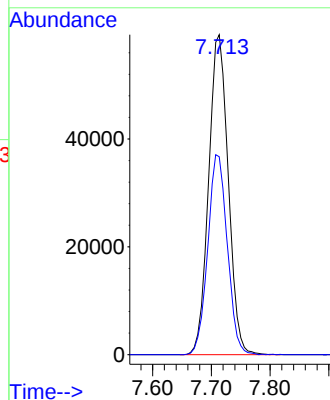
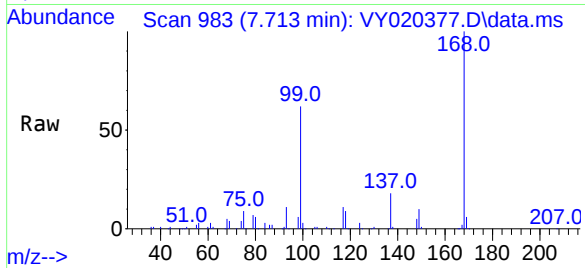




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

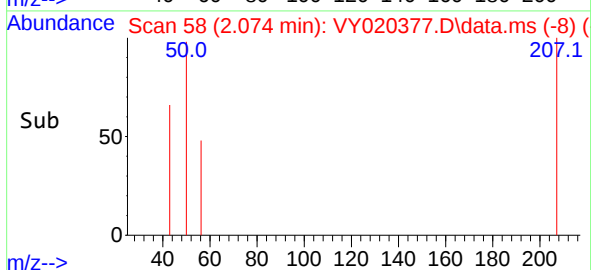
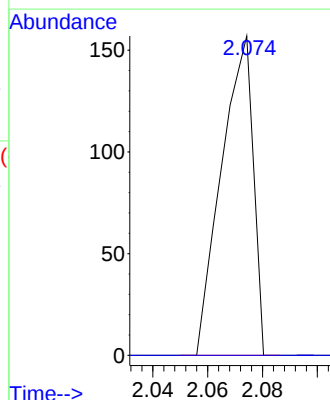
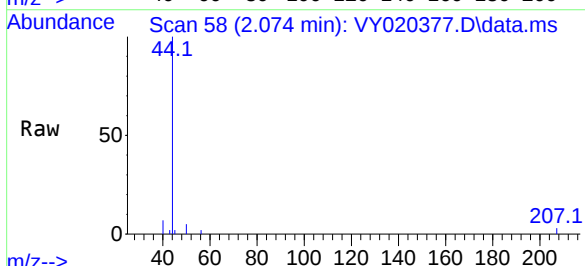
Instrument :
MSVOA_Y
ClientSampleId :

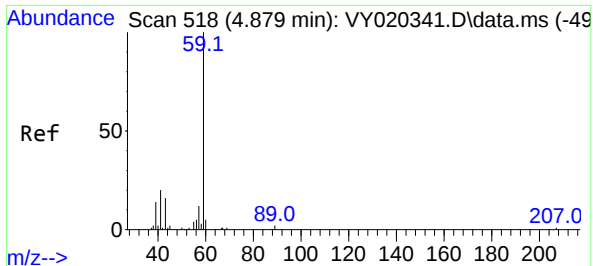
Tgt Ion:168 Resp: 137407
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Tgt Ion: 50 Resp: 126
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 1.432 ug/l

RT: 4.891 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY020377.D

Acq: 21 Nov 2024 11:25

Instrument :

MSVOA_Y

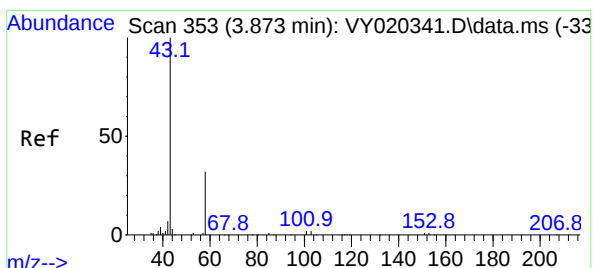
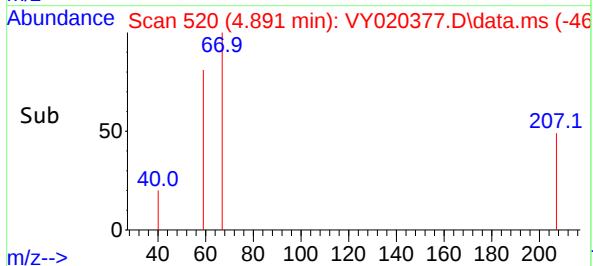
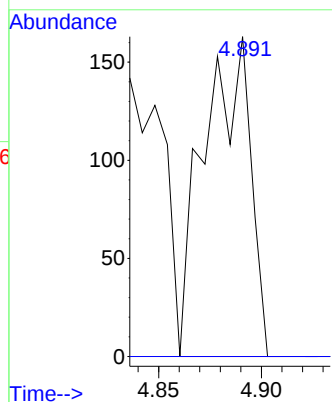
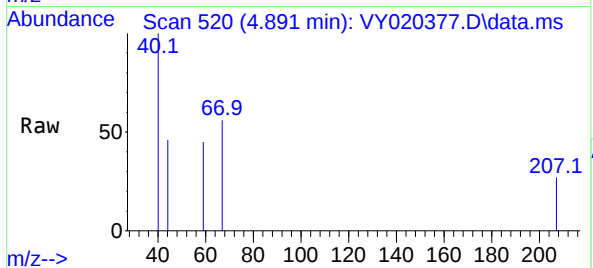
ClientSampleId :

Tgt Ion: 59 Resp: 256

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 3.160 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY020377.D

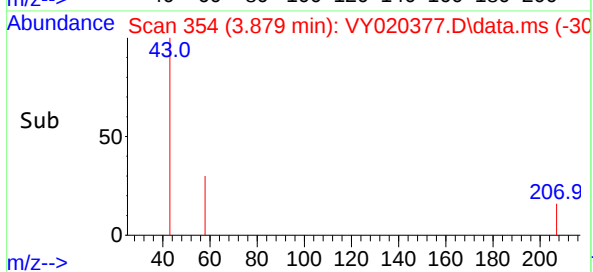
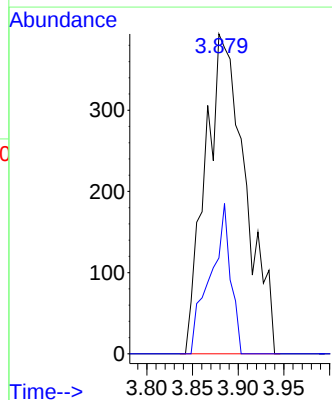
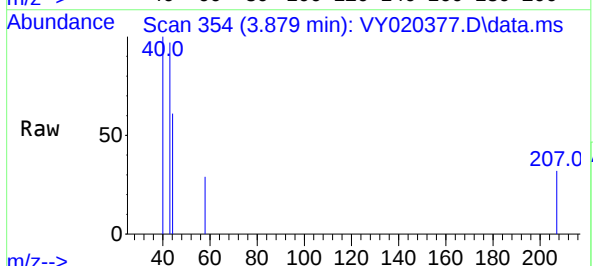
Acq: 21 Nov 2024 11:25

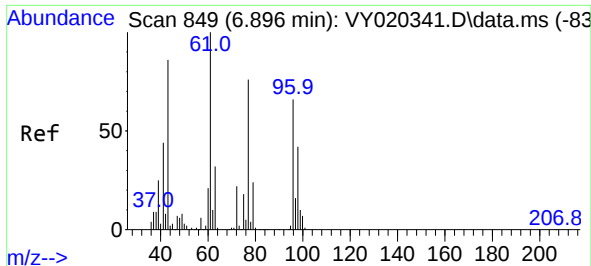
Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

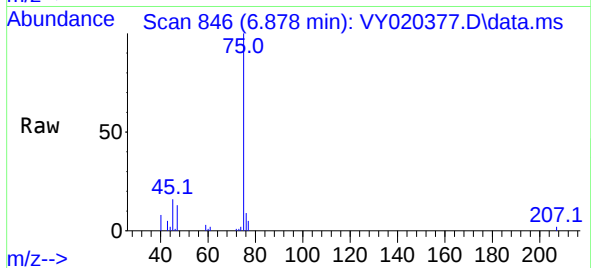
58 29.9 25.7 38.5



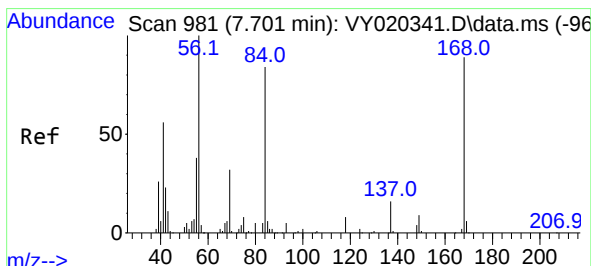
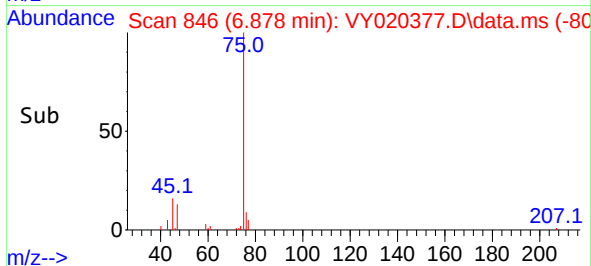
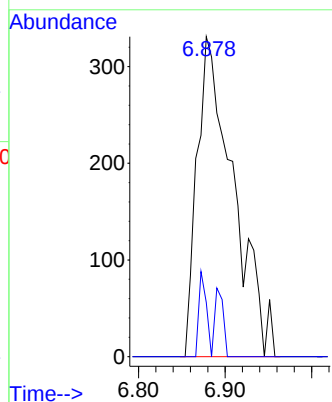


#25
2-Butanone
Concen: 1.975 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

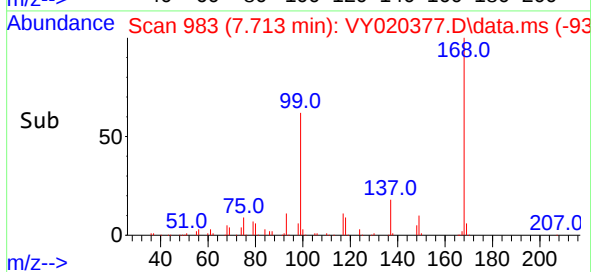
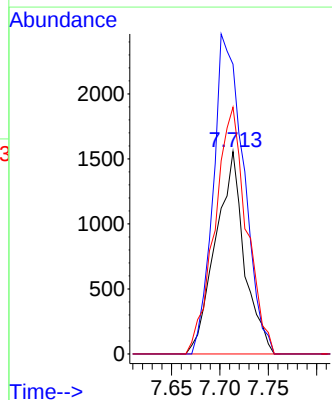
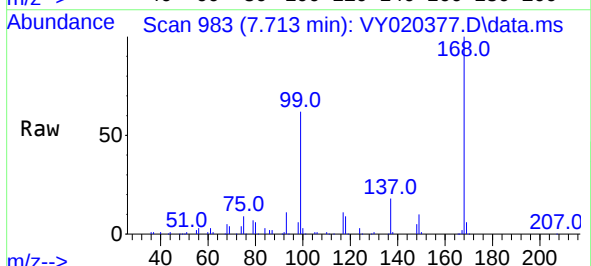


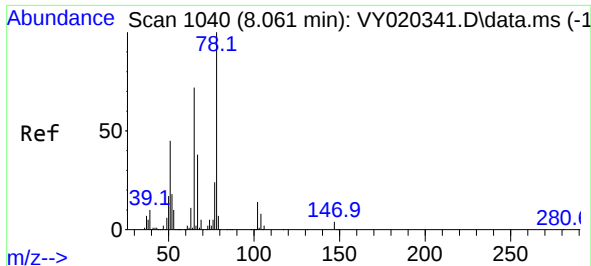
Tgt Ion: 43 Resp: 962
Ion Ratio Lower Upper
43 100
72 16.9 20.4 30.6#



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 143.2 25.3 37.9#
84 121.9 66.9 100.3#

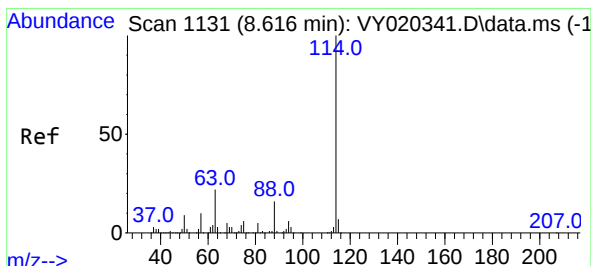
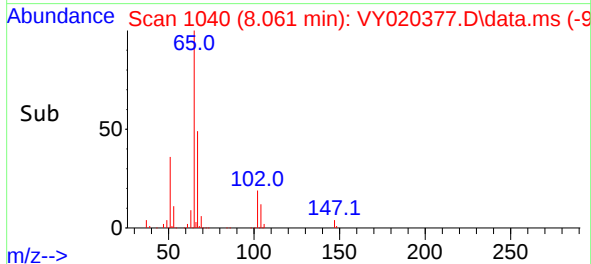
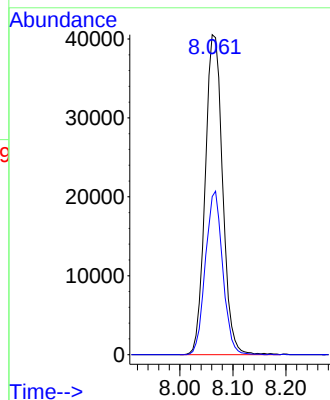
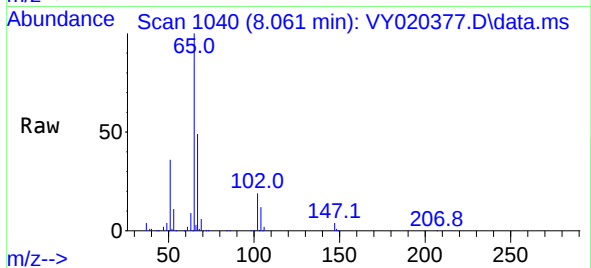




#33
1,2-Dichloroethane-d4
Concen: 58.579 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

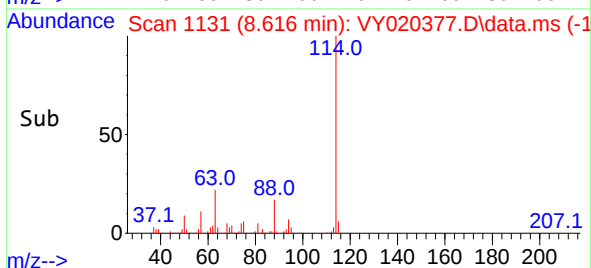
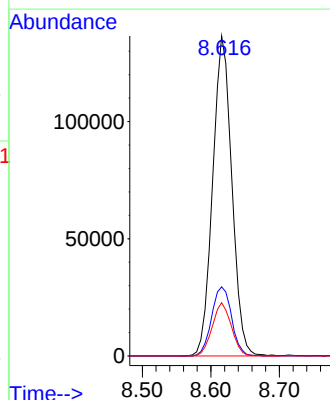
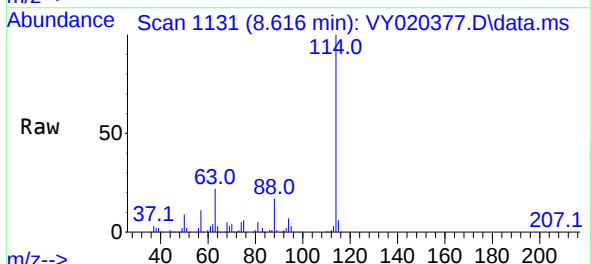
Instrument :
MSVOA_Y
ClientSampleId :

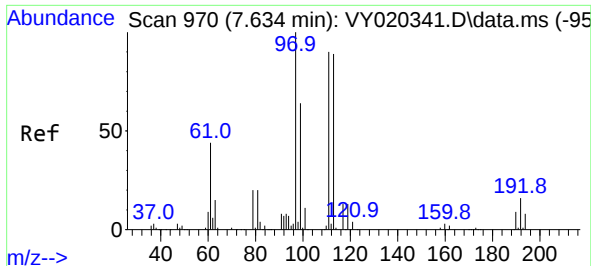
Tgt Ion: 65 Resp: 92476
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

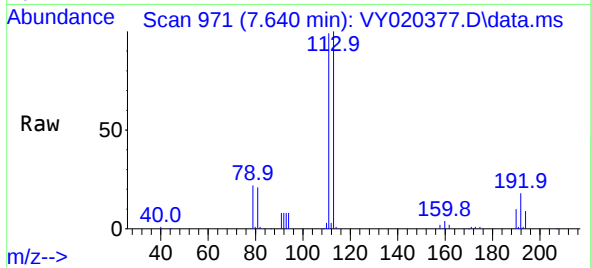
Tgt Ion:114 Resp: 264667
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.8
88 16.6 0.0 32.0



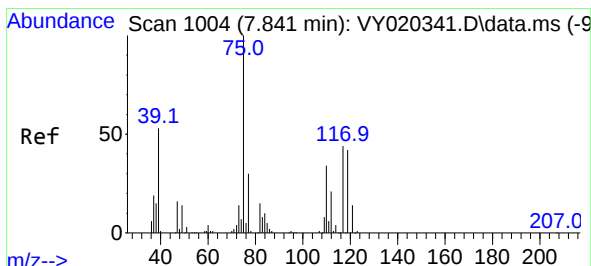
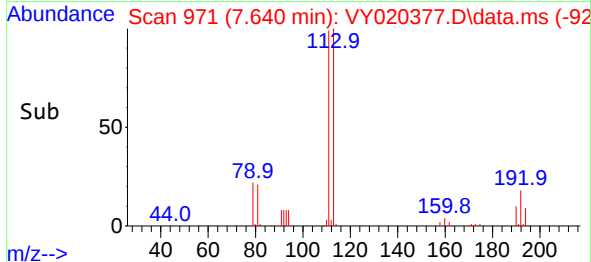
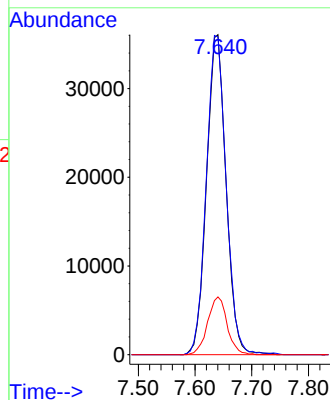


#35
Dibromofluoromethane
Concen: 50.592 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

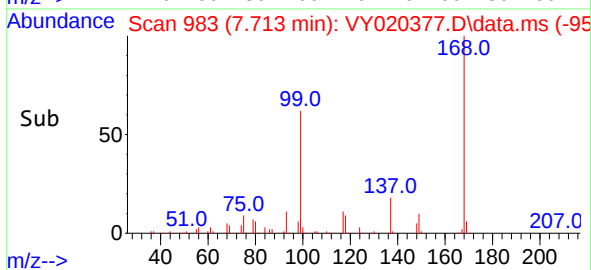
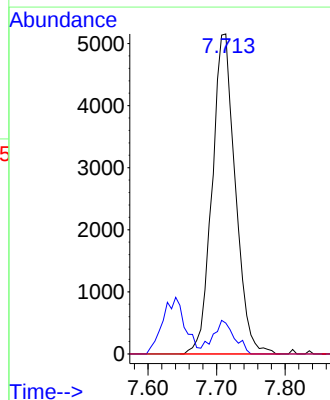
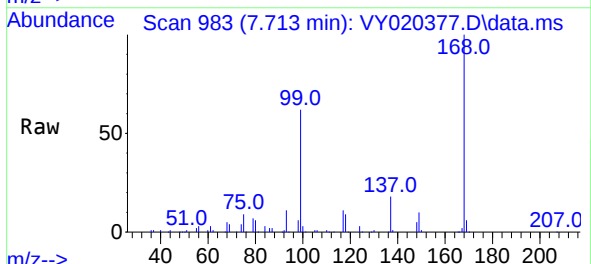


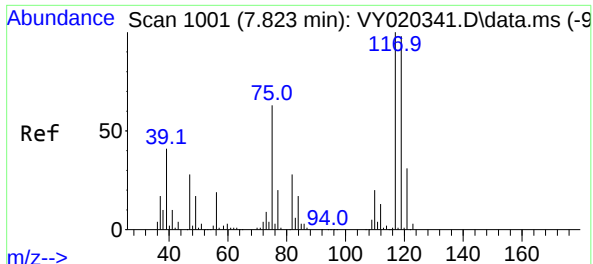
Tgt Ion:113 Resp: 85861
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.1 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.677 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

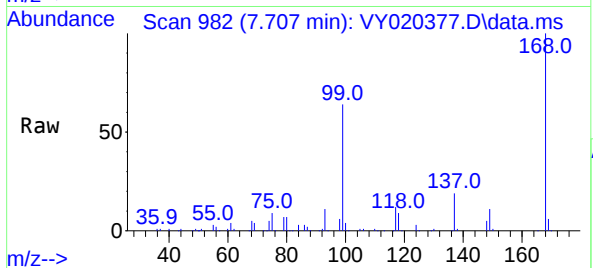
Tgt Ion: 75 Resp: 12123
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.0#
77 0.0 24.6 36.8#



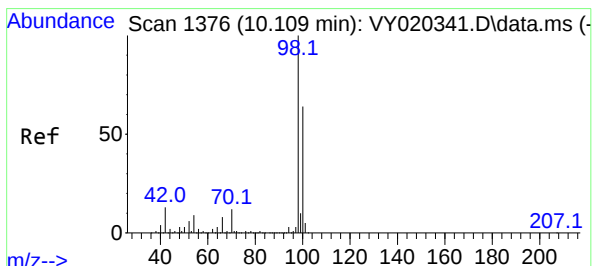
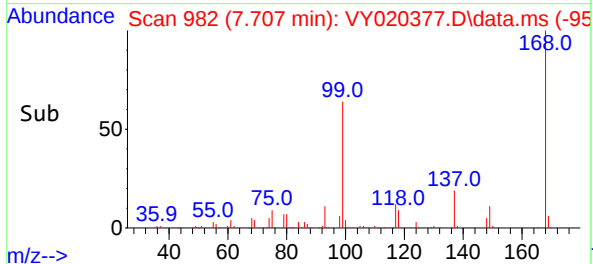
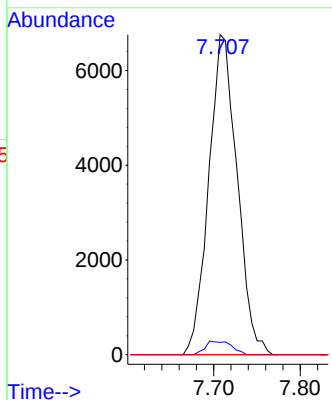


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :

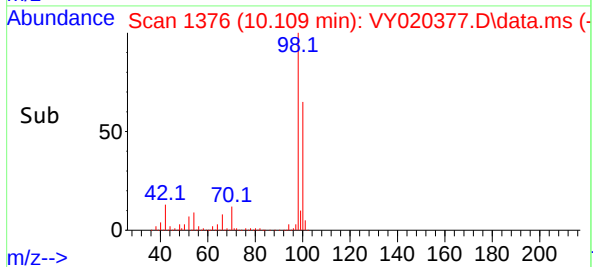
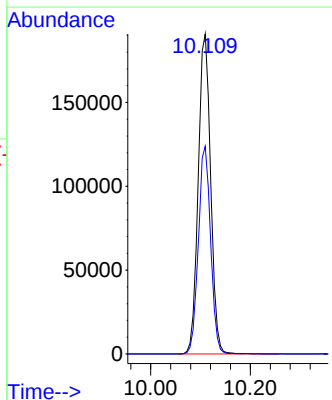
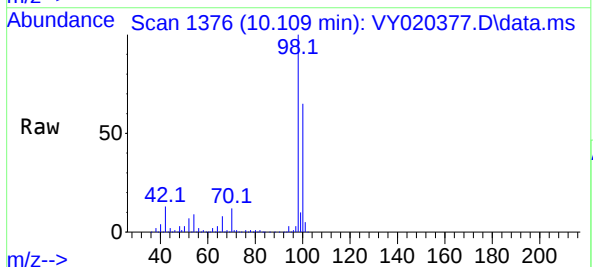


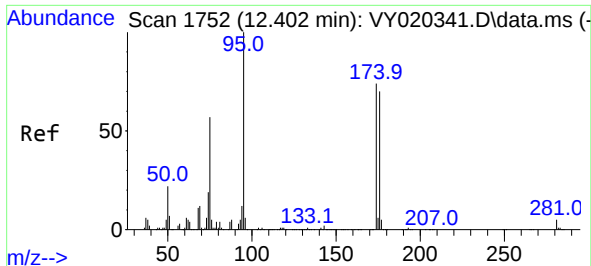
Tgt Ion:117 Resp: 15381
Ion Ratio Lower Upper
117 100
119 3.8 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.300 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Tgt Ion: 98 Resp: 329586
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

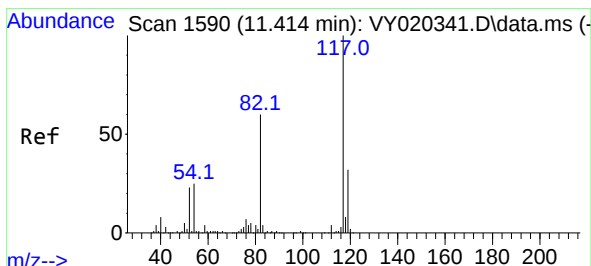
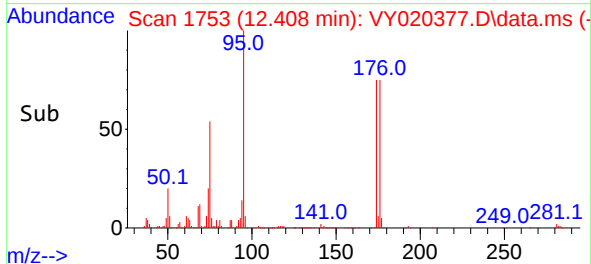
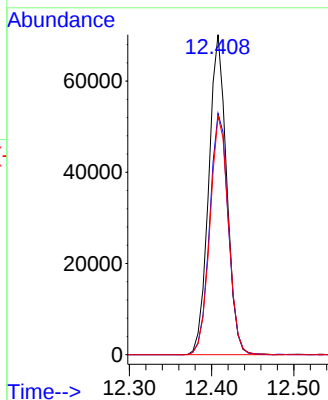
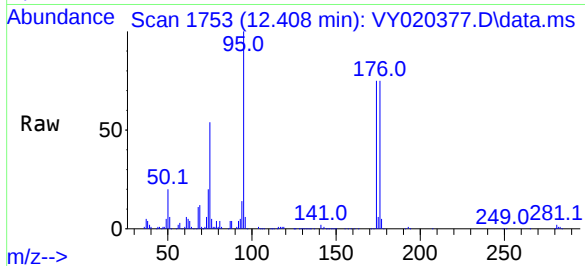




#62
4-Bromofluorobenzene
Concen: 49.483 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

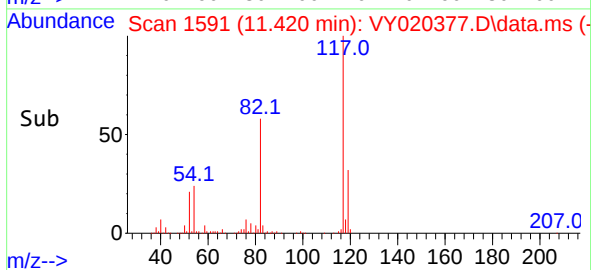
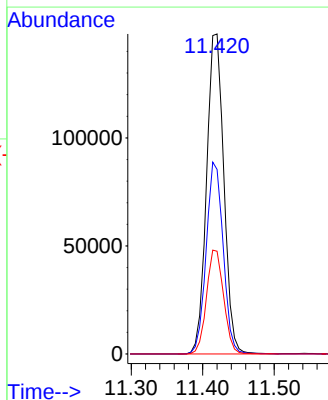
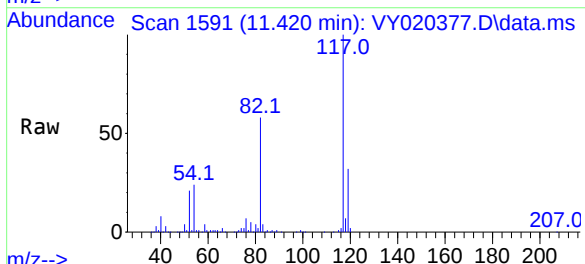
Instrument :
MSVOA_Y
ClientSampleId :

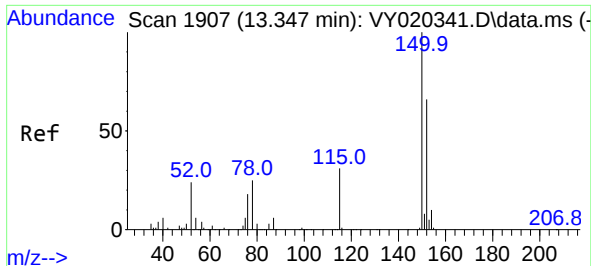
Tgt Ion: 95 Resp: 106344
Ion Ratio Lower Upper
95 100
174 78.2 0.0 156.8
176 76.6 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

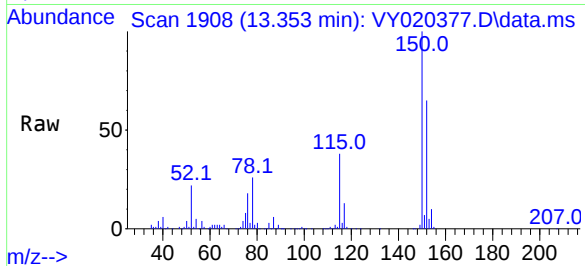
Tgt Ion: 117 Resp: 248534
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.4
119 32.1 25.8 38.8



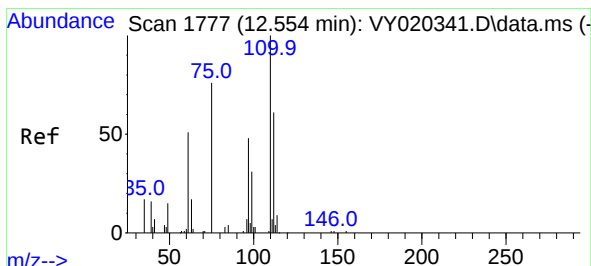
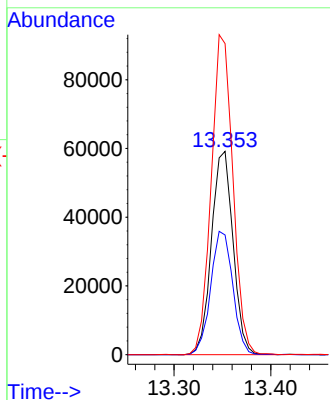
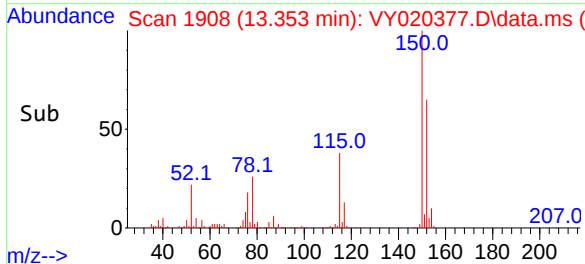


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VY020377.D
 Acq: 21 Nov 2024 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :

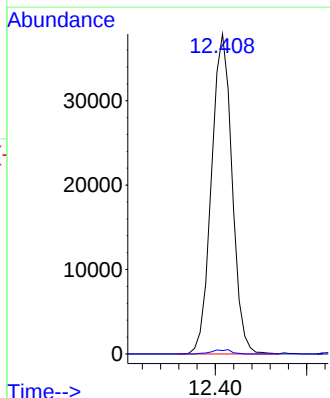
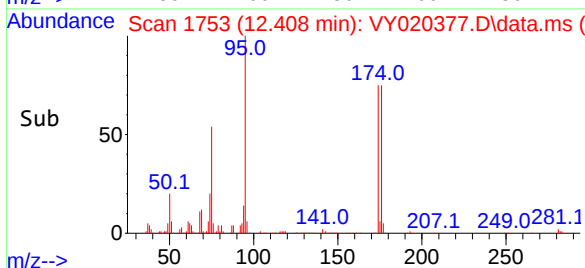
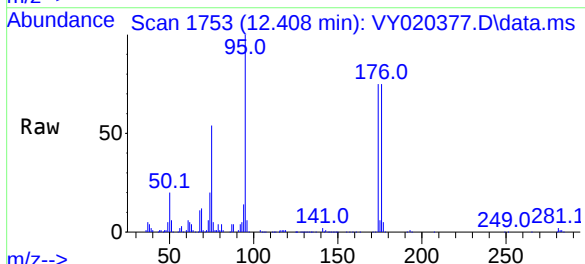


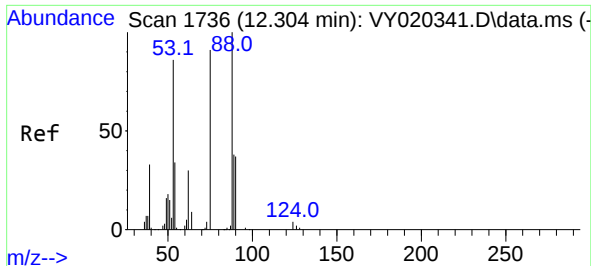
Tgt Ion:152 Resp: 91897
 Ion Ratio Lower Upper
 152 100
 115 62.0 30.0 90.0
 150 157.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 68.425 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020377.D
 Acq: 21 Nov 2024 11:25

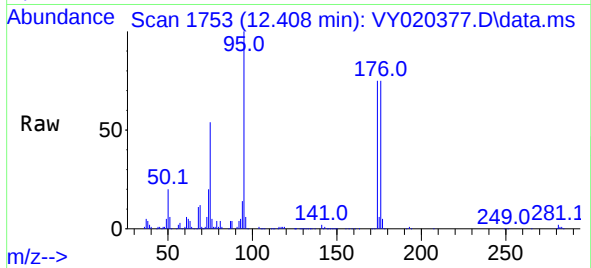
Tgt Ion: 75 Resp: 59267
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.076 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020377.D
Acq: 21 Nov 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 59267
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.2 35.1 52.7#

