

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020381.D
 Acq On : 21 Nov 2024 12:59
 Operator : SY/MD
 Sample : P4909-02
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 13:57:16 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	130079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	250661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	231672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	85757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	85575	57.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.634	113	80611	50.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.109	98	307263	48.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.407	95	99828	49.046	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.100%

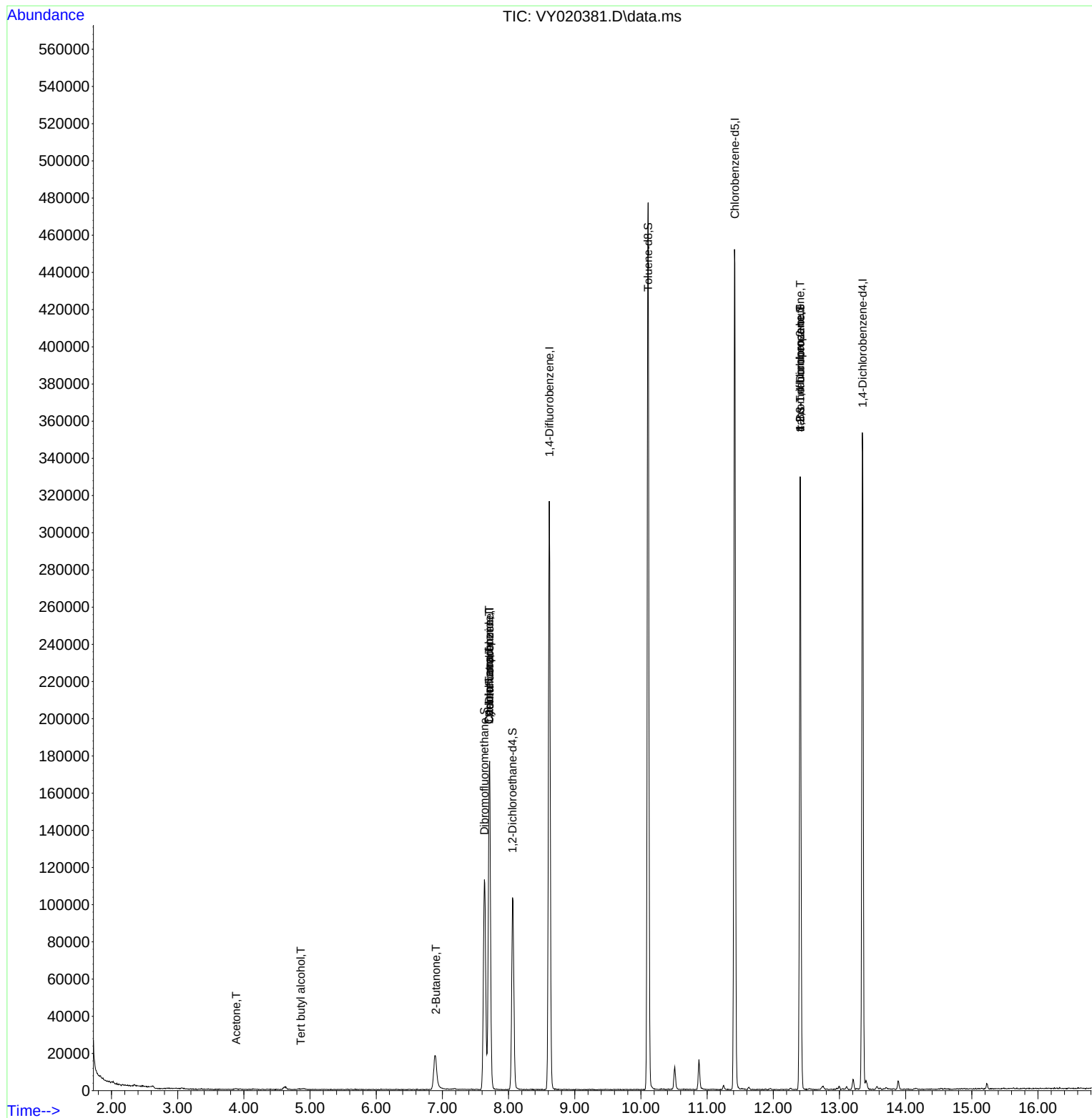
Target Compounds					Qvalue	
3) Chloromethane	2.080	50	97	Below Cal	#	41
11) Tert butyl alcohol	4.860	59	214	1.195	ug/l #	73
16) Acetone	3.884	43	829	2.314	ug/l	92
25) 2-Butanone	6.902	43	1264	2.741	ug/l #	50
31) Cyclohexane	7.707	56	3027	1.087	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	11348	4.622	ug/l #	51
38) Carbon Tetrachloride	7.707	117	14643	5.713	ug/l #	14
76) 1,2,3-Trichloropropane	12.407	75	55210	68.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	55210	133.841	ug/l #	9

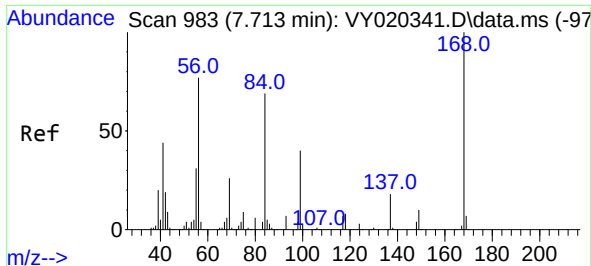
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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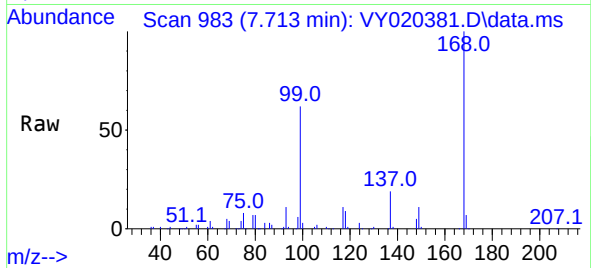
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



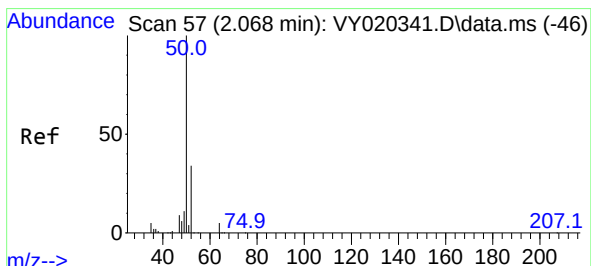
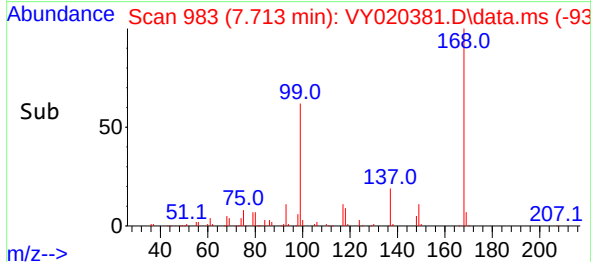
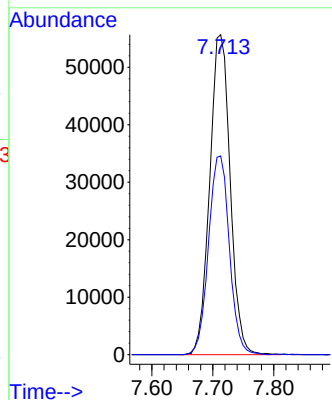


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

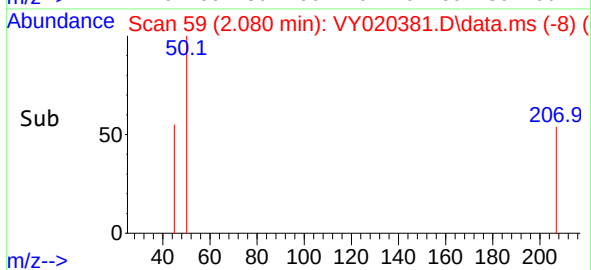
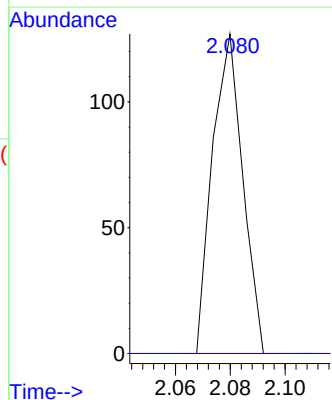
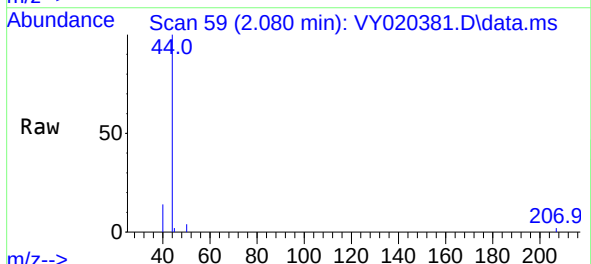


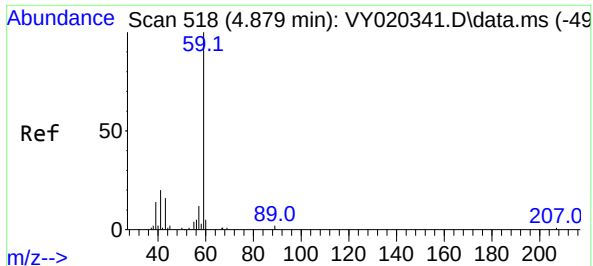
Tgt Ion:168 Resp: 130079
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

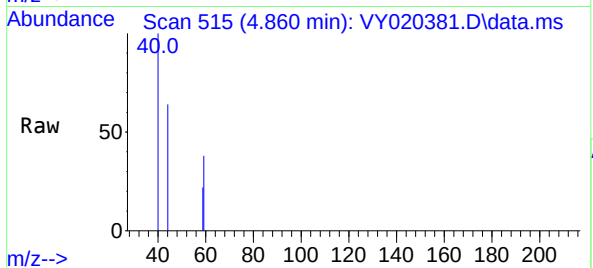
Tgt Ion: 50 Resp: 97
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



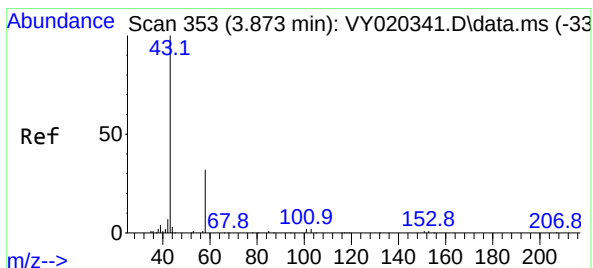
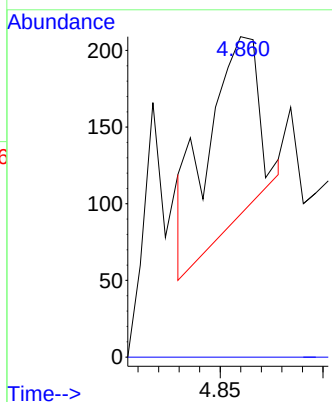


#11
Tert butyl alcohol
Concen: 1.195 ug/l
RT: 4.860 min Scan# 518
Delta R.T. -0.019 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

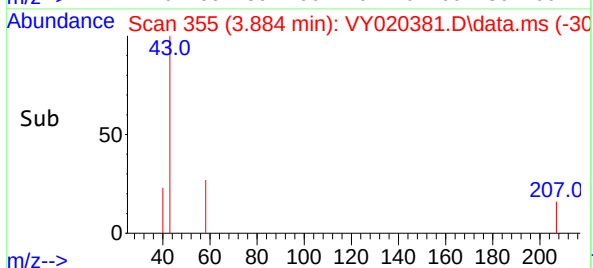
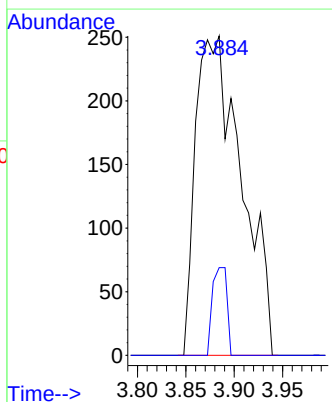
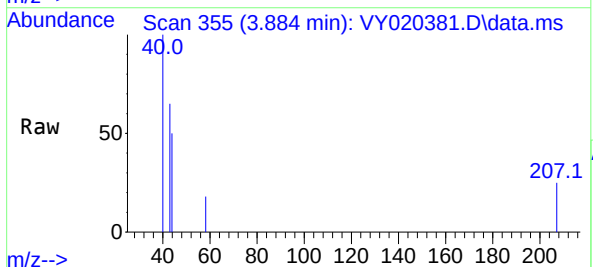


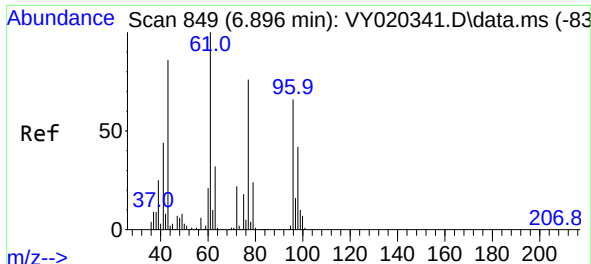
Tgt Ion: 59 Resp: 214
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 2.314 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 27.5 25.7 38.5

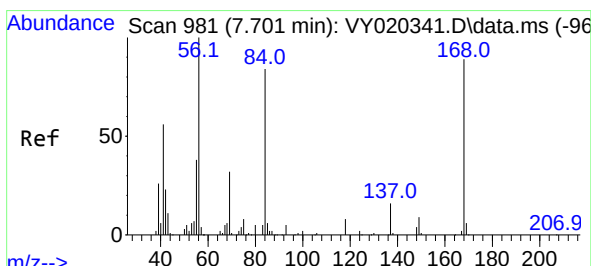
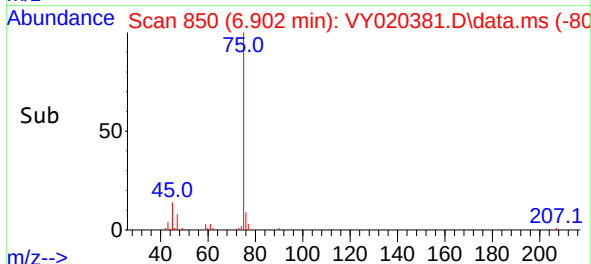
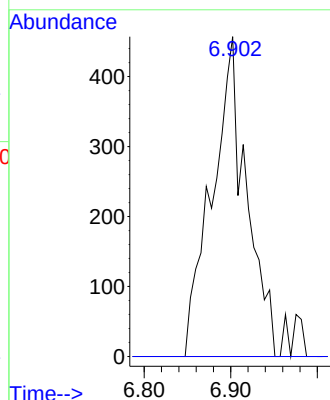
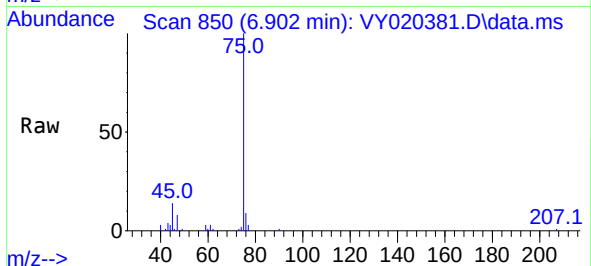




#25
2-Butanone
Concen: 2.741 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

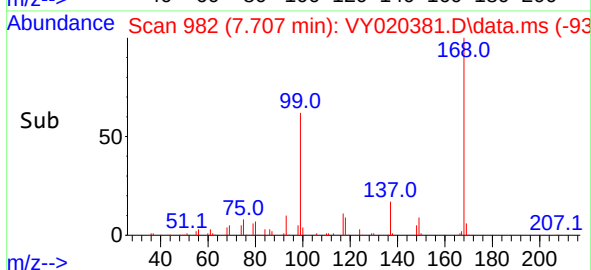
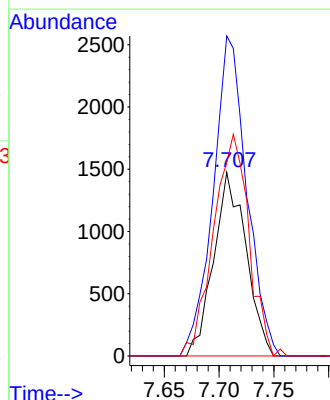
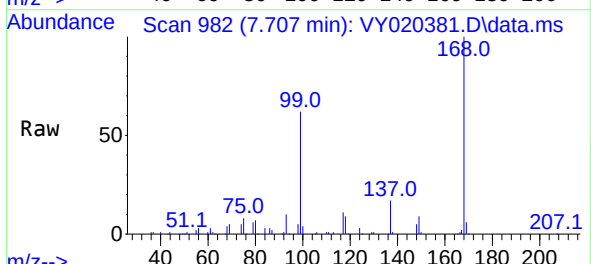
Instrument :
MSVOA_Y
ClientSampleId :

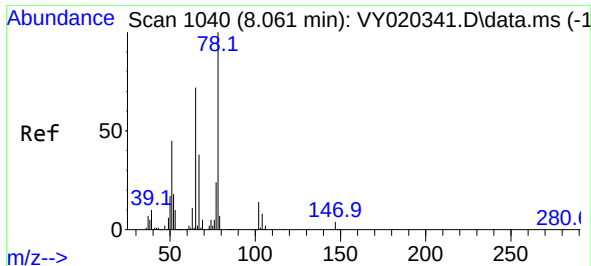
Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 56 Resp: 3027
Ion Ratio Lower Upper
56 100
69 174.3 25.3 37.9#
84 105.5 66.9 100.3#

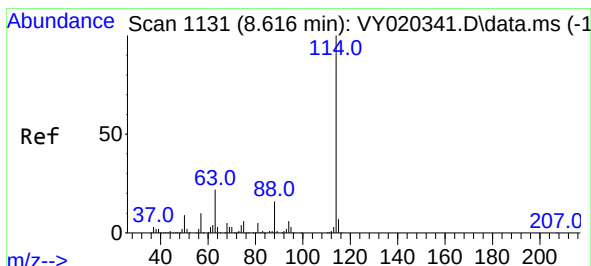
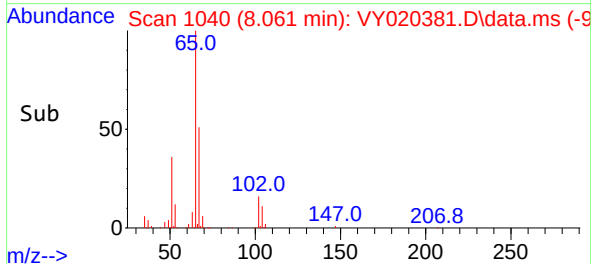
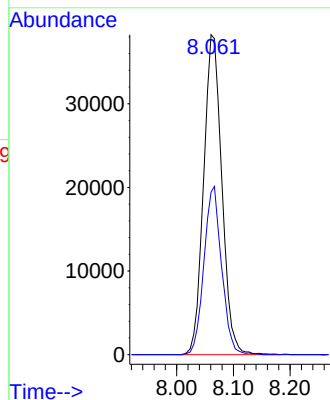
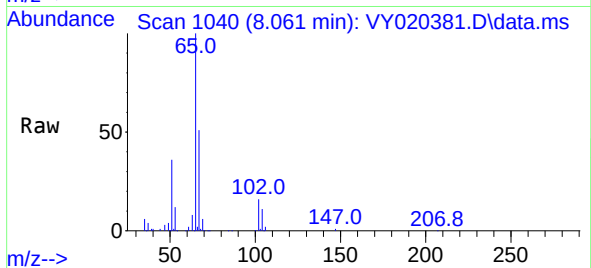




#33
1,2-Dichloroethane-d4
Concen: 57.262 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

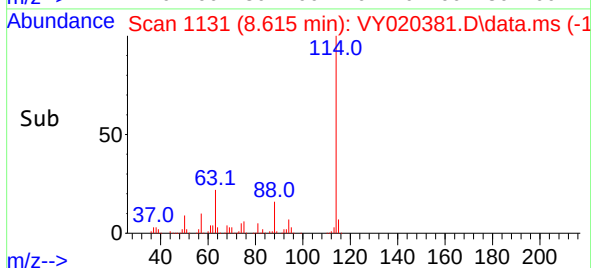
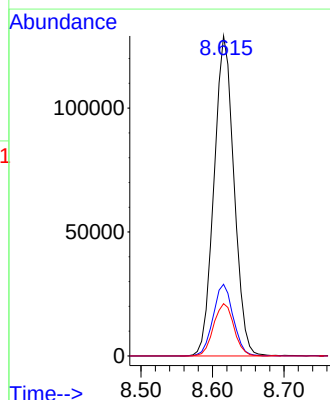
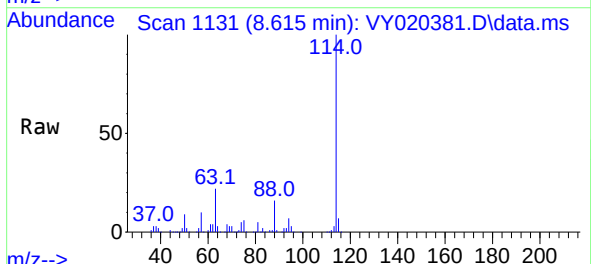
Instrument :
MSVOA_Y
ClientSampleId :

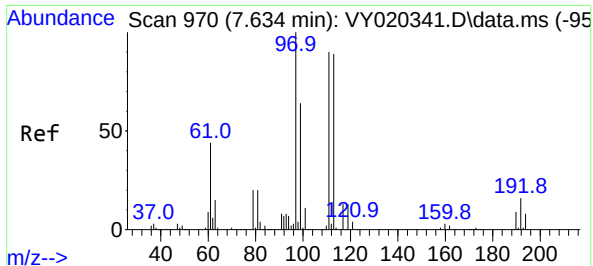
Tgt Ion: 65 Resp: 85575
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion:114 Resp: 250661
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.8
88 16.4 0.0 32.0

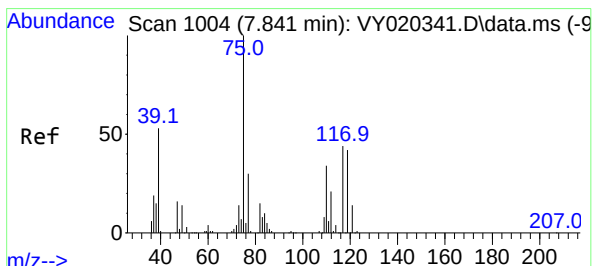
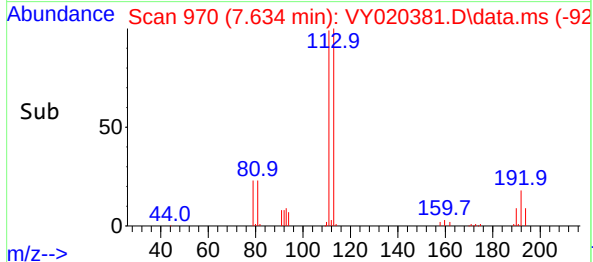
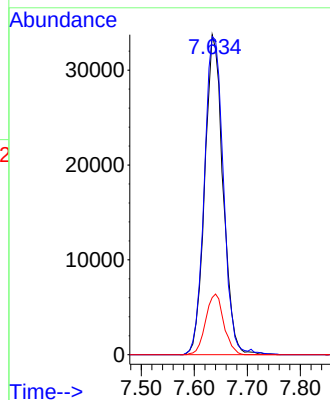
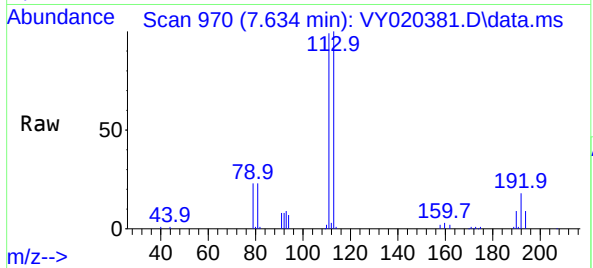




#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

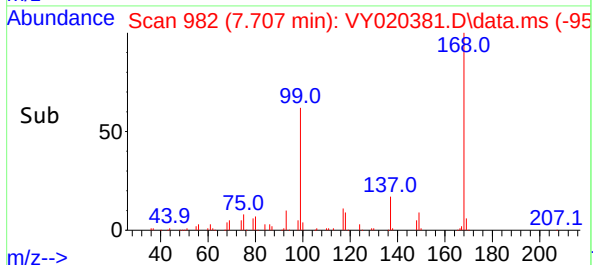
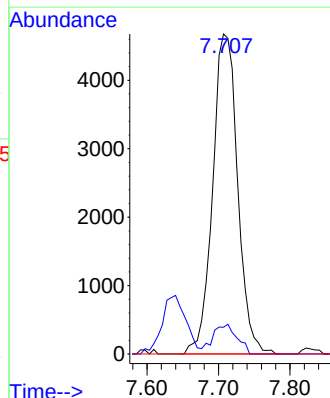
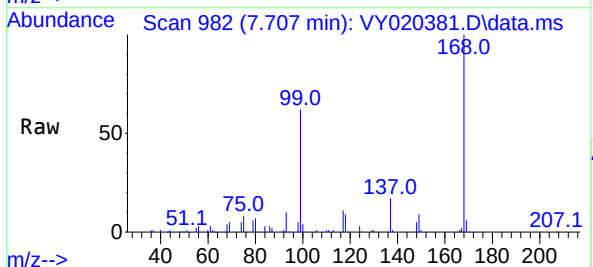
Instrument :
MSVOA_Y
ClientSampleId :

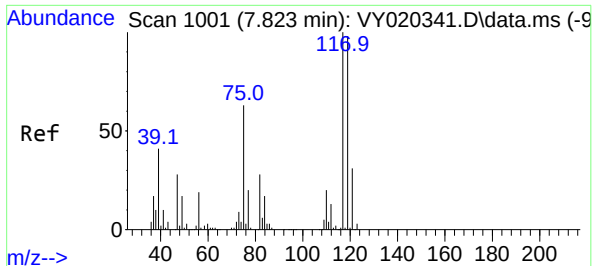
Tgt Ion:113 Resp: 80611
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 18.8 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.135 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

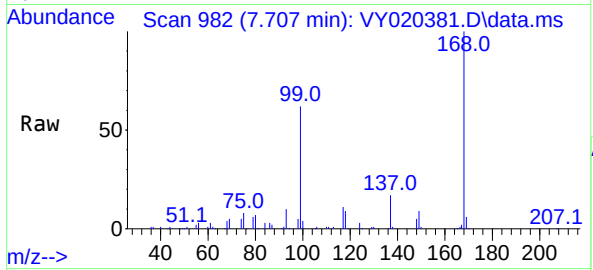
Tgt Ion: 75 Resp: 11348
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.0#
77 0.0 24.6 36.8#



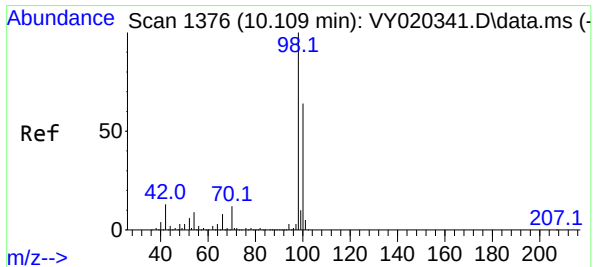
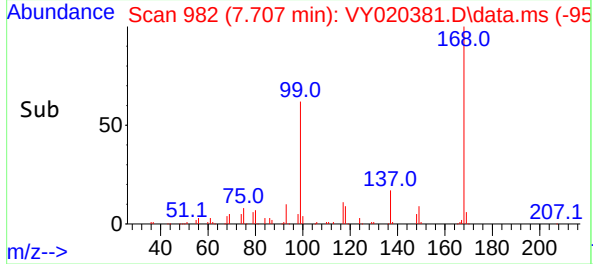
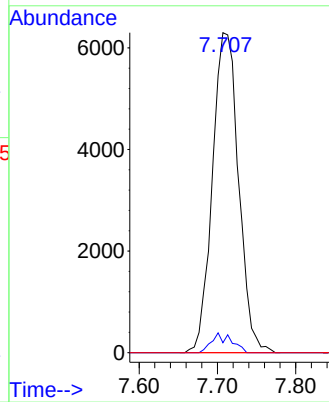


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

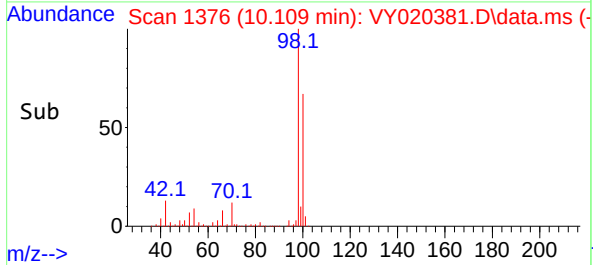
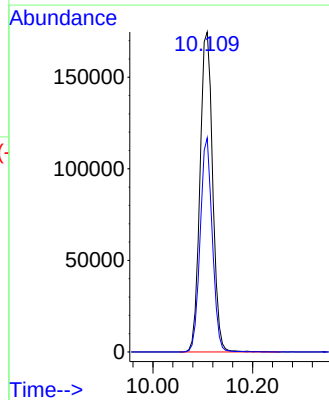
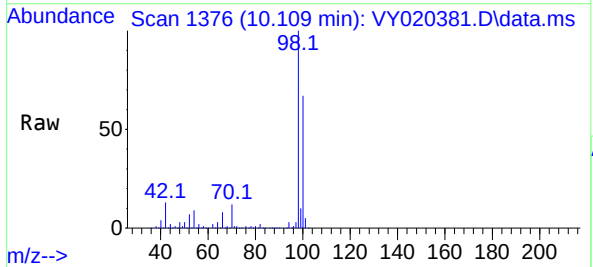


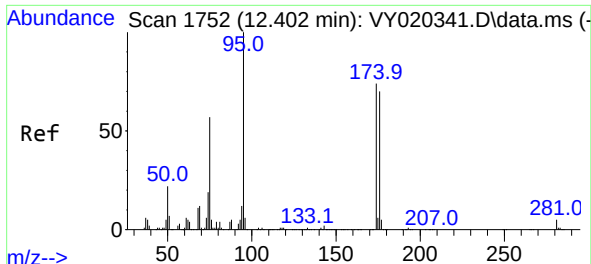
Tgt Ion:117 Resp: 14643
Ion Ratio Lower Upper
117 100
119 3.1 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.529 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Tgt Ion: 98 Resp: 307263
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

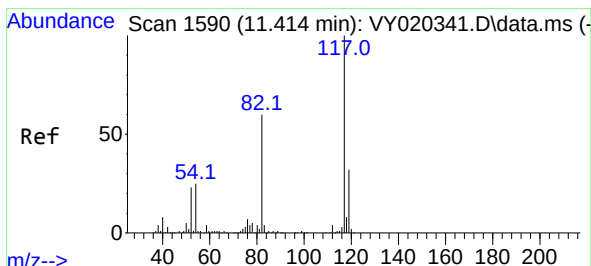
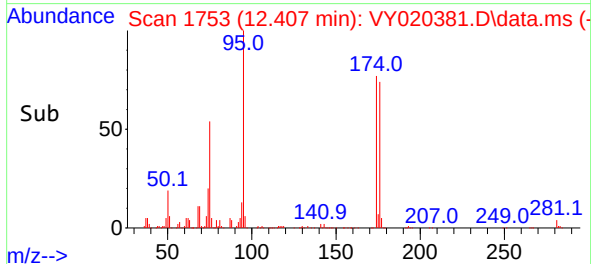
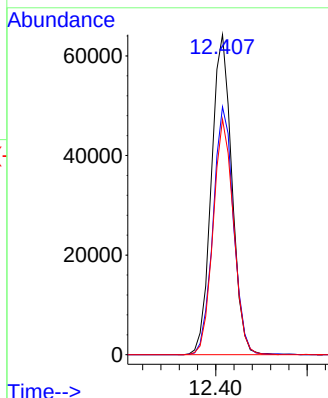
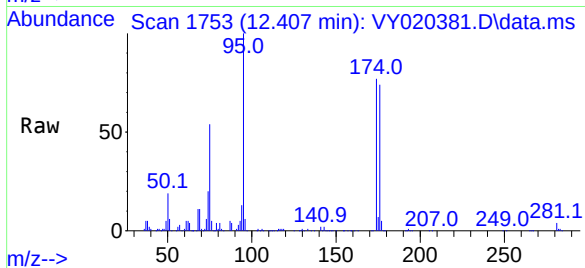




#62
4-Bromofluorobenzene
Concen: 49.046 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

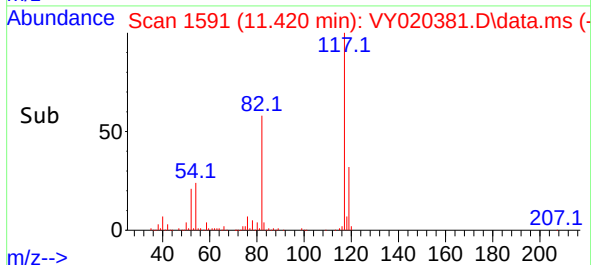
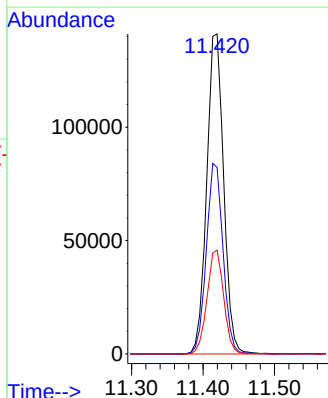
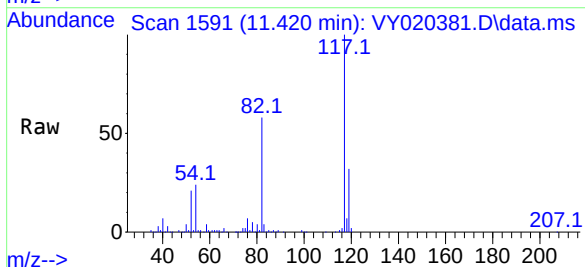
Instrument :
MSVOA_Y
ClientSampleId :

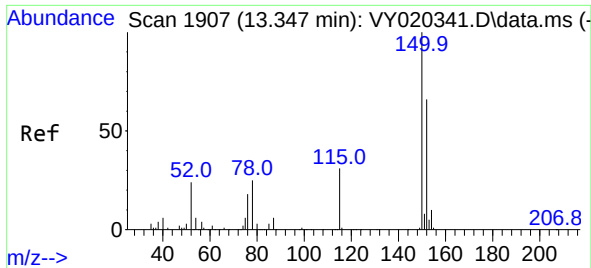
Tgt Ion:	95	Resp:	99828
Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	156.8
176	73.3	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

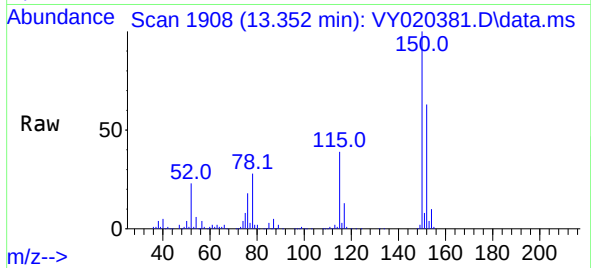
Tgt Ion:	117	Resp:	231672
Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.2	72.4
119	32.4	25.8	38.8



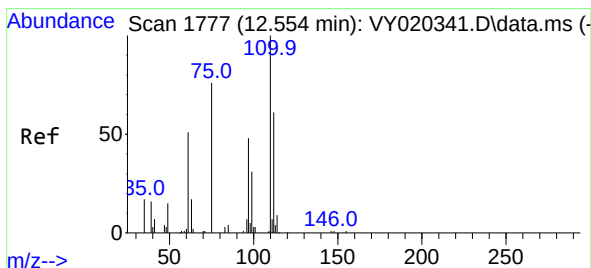
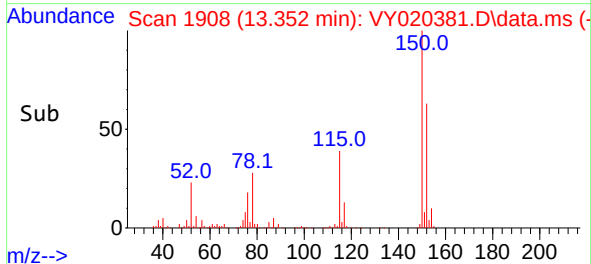
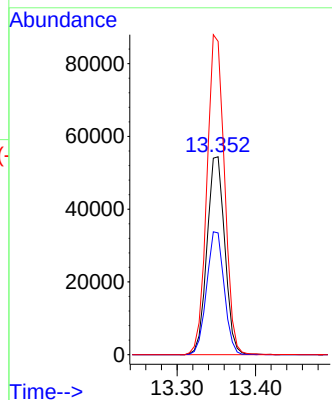


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :

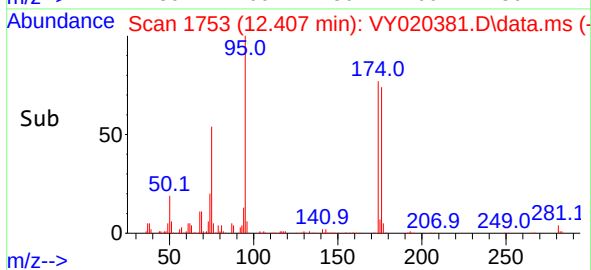
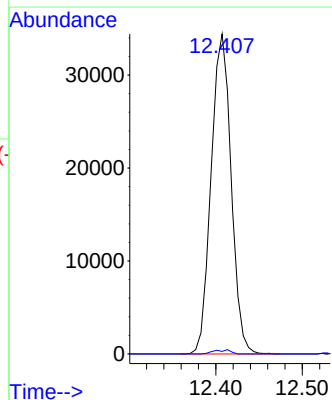
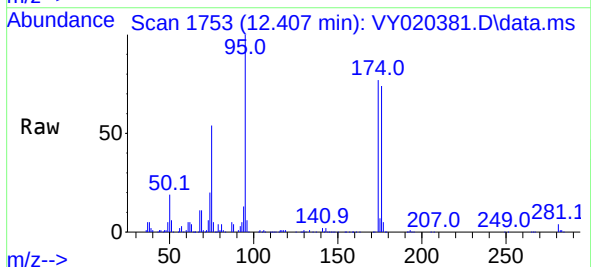


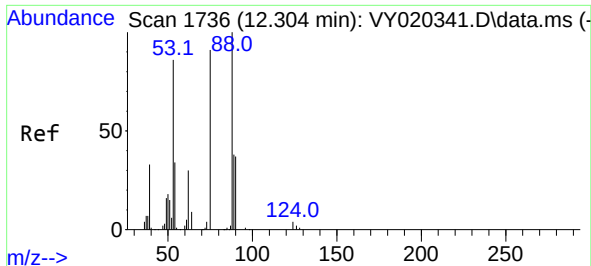
Tgt Ion:152 Resp: 85757
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 159.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 68.305 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

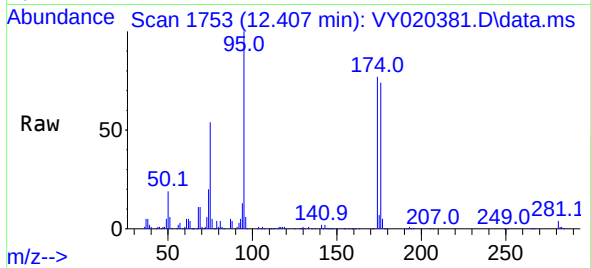
Tgt Ion: 75 Resp: 55210
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.841 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020381.D
Acq: 21 Nov 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 55210
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

