

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019781.D
 Acq On : 03 Oct 2024 12:34
 Operator : SY/MD
 Sample : P4242-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:25:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

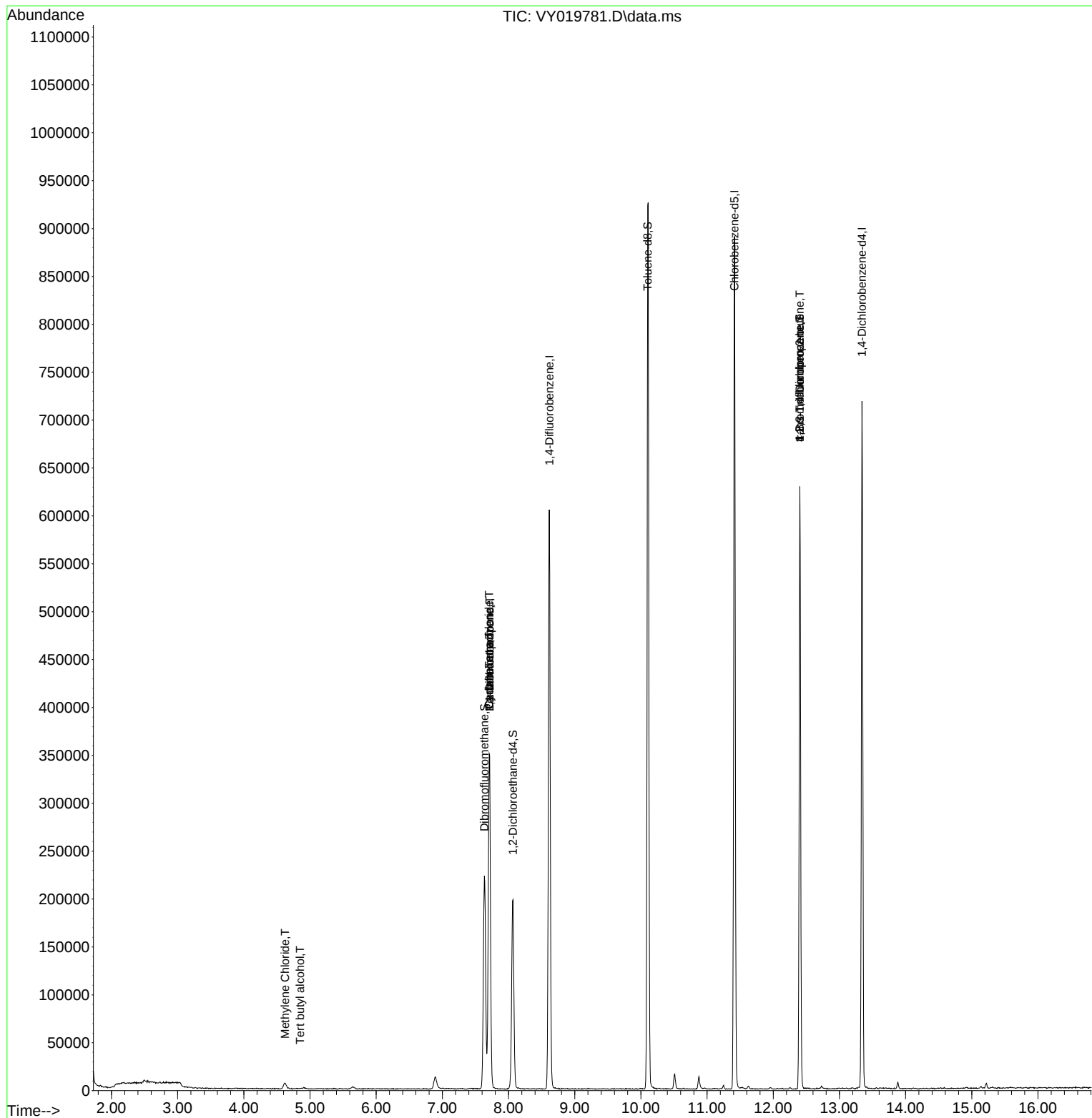
Internal Standards						
1) Pentafluorobenzene	7.713	168	260107	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	503207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	445475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	164584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	155126	64.407	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.820%		
35) Dibromofluoromethane	7.634	113	160254	56.169	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.340%		
50) Toluene-d8	10.103	98	599179	56.779	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.560%		
62) 4-Bromofluorobenzene	12.401	95	192559	47.455	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 94.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	93	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	363	1.866	ug/l #	95
13) Acrolein	3.702	56	82	Below Cal	#	15
20) Methylene Chloride	4.622	84	4407	1.684	ug/l	94
31) Cyclohexane	7.707	56	6632	1.539	ug/l #	9
36) 1,1-Dichloropropene	7.713	75	22924	5.905	ug/l #	49
38) Carbon Tetrachloride	7.707	117	28392	6.485	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	106528	69.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	106528	132.568	ug/l #	16

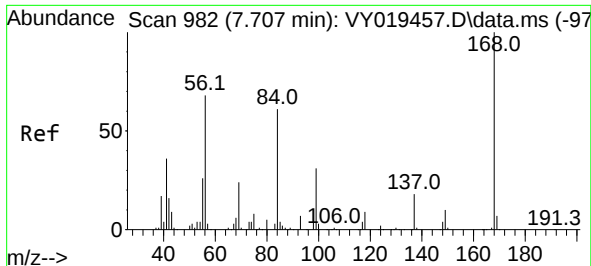
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

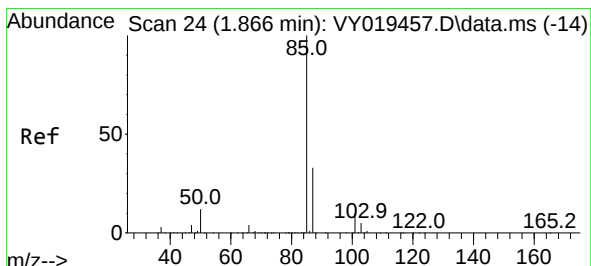
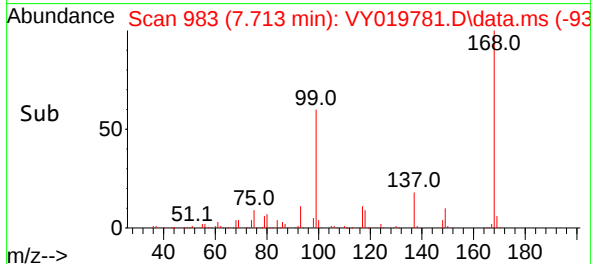
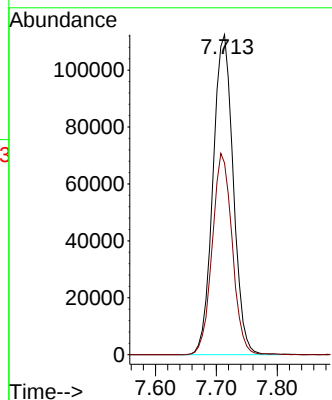
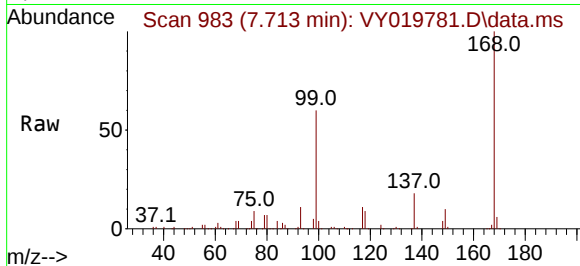




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

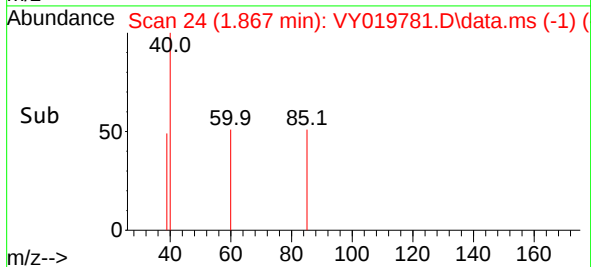
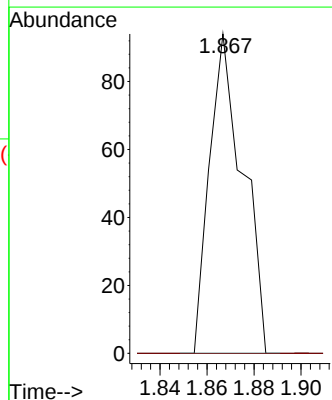
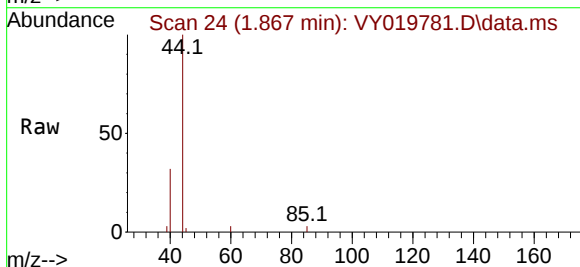
Instrument :
MSVOA_Y
ClientSampleId :

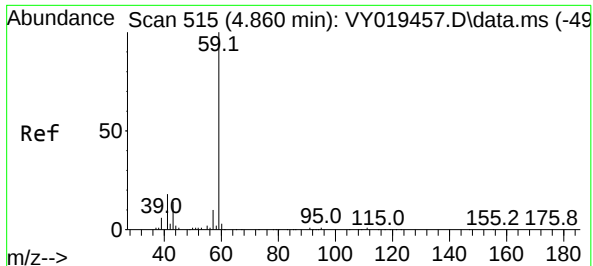
Tgt Ion:168 Resp: 260107
Ion Ratio Lower Upper
168 100
99 59.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Tgt Ion: 85 Resp: 93
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.866 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Instrument :

MSVOA_Y

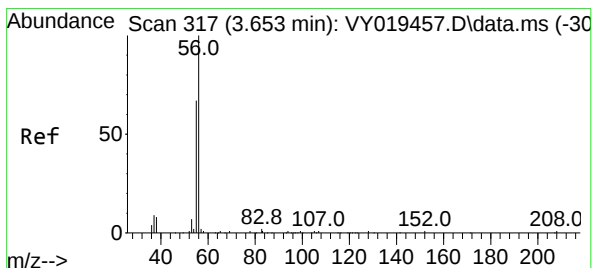
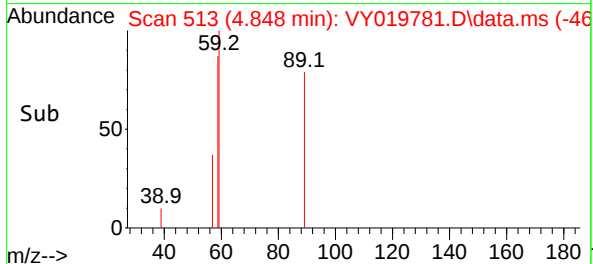
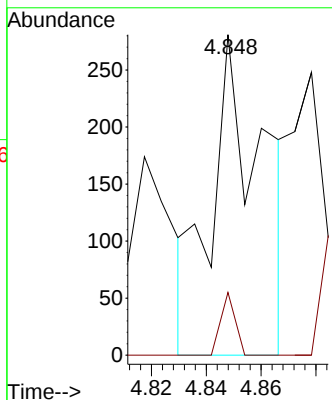
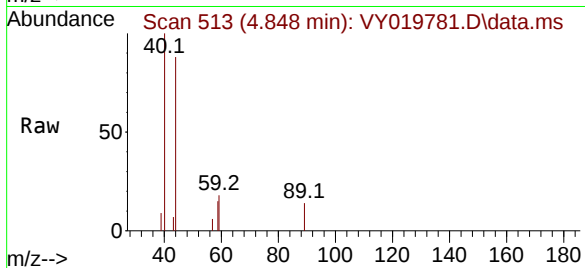
ClientSampleId :

Tgt Ion: 59 Resp: 363

Ion Ratio Lower Upper

59 100

57 5.5 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.702 min Scan# 325

Delta R.T. 0.049 min

Lab File: VY019781.D

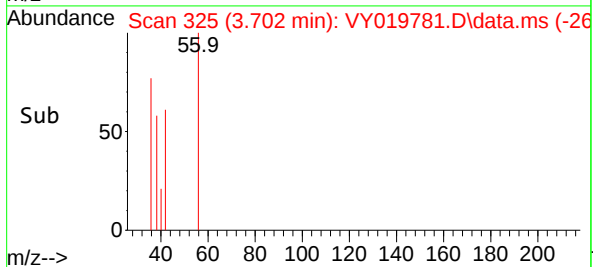
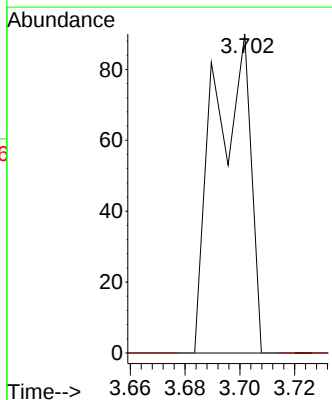
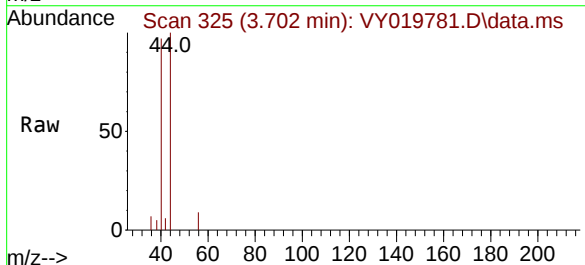
Acq: 03 Oct 2024 12:34

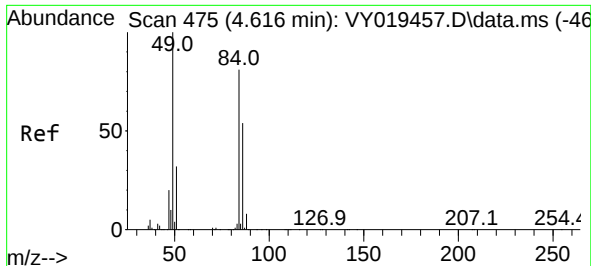
Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

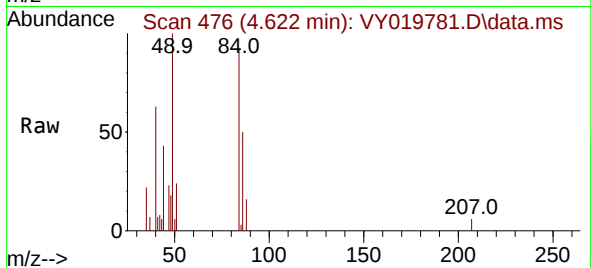
55 0.0 55.7 83.5#





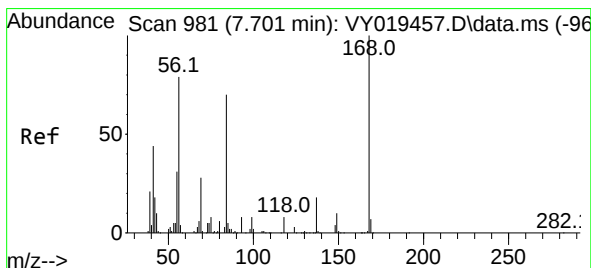
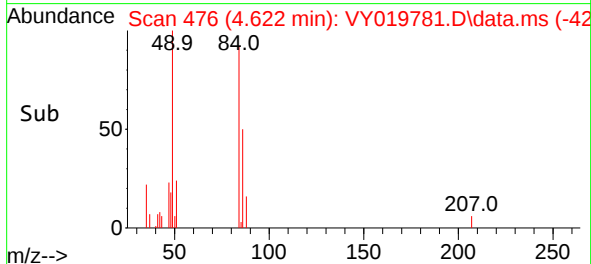
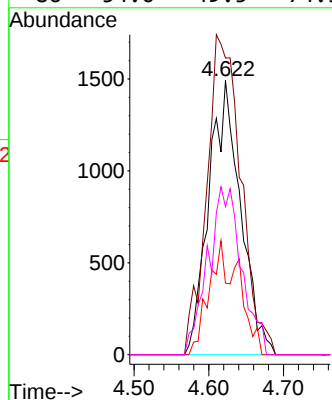
#20
Methylene Chloride
Concen: 1.684 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 4407

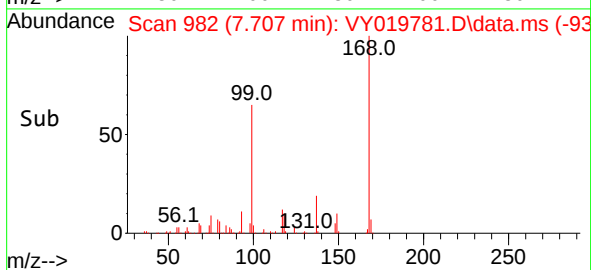
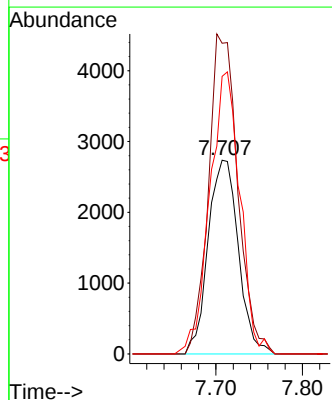
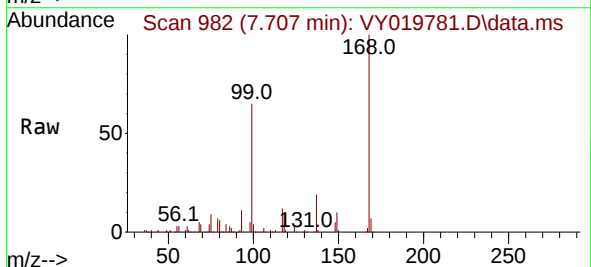
Ion	Ratio	Lower	Upper
84	100		
49	108.2	84.4	126.6
51	26.1	26.0	39.0
86	54.0	49.5	74.3

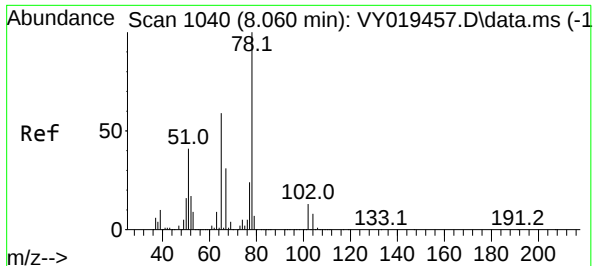


#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Tgt Ion: 56 Resp: 6632

Ion	Ratio	Lower	Upper
56	100		
69	160.3	28.7	43.1#
84	143.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 64.407 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Instrument :

MSVOA_Y

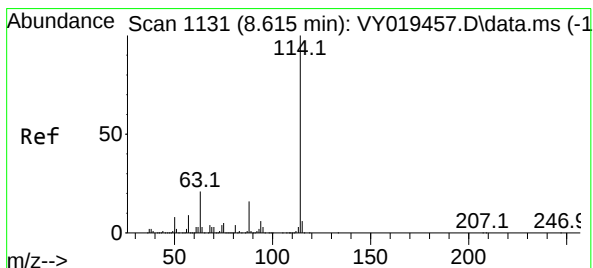
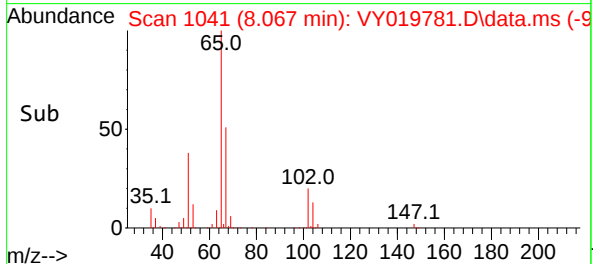
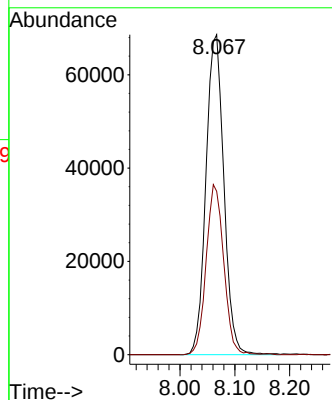
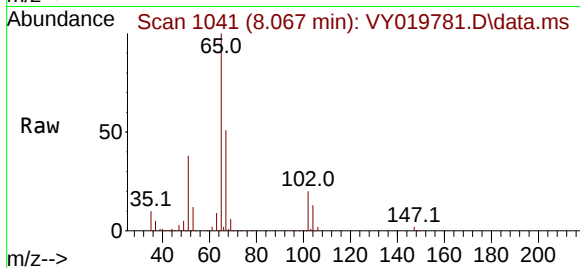
ClientSampleId :

Tgt Ion: 65 Resp: 155126

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

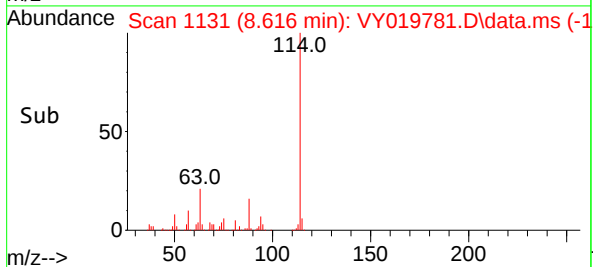
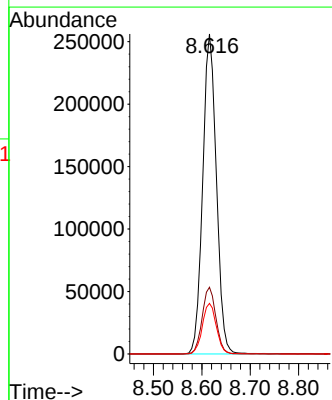
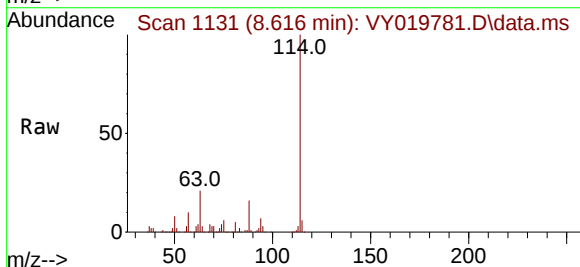
Tgt Ion: 114 Resp: 503207

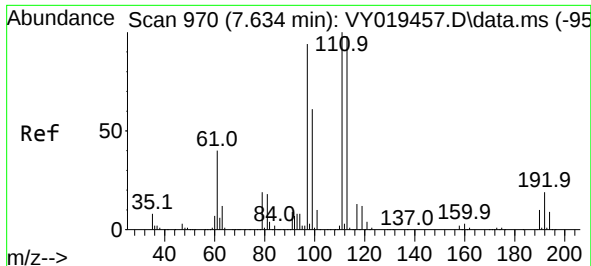
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

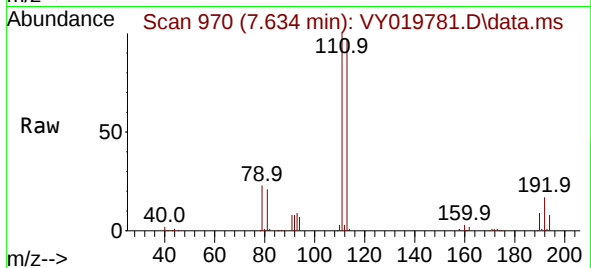
88 15.8 0.0 27.2



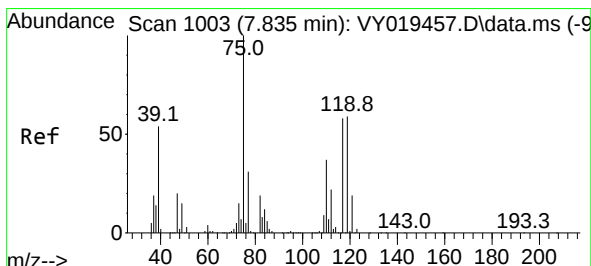
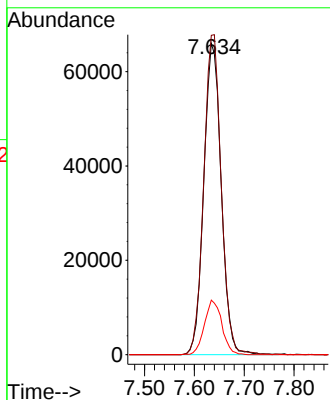
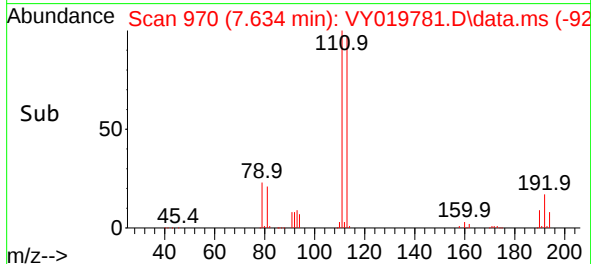


#35
Dibromofluoromethane
Concen: 56.169 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

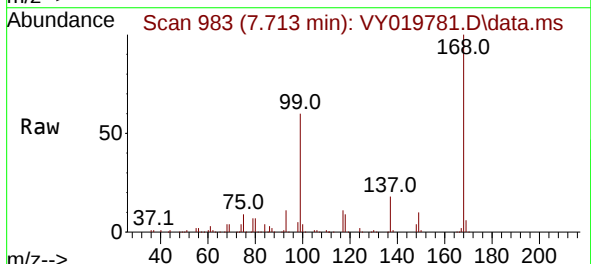
Instrument :
MSVOA_Y
ClientSampleId :



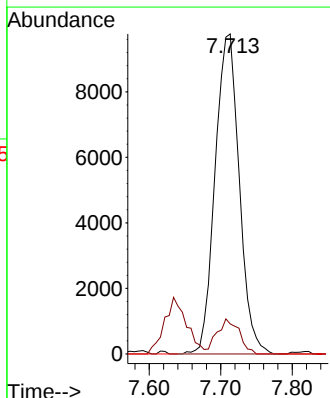
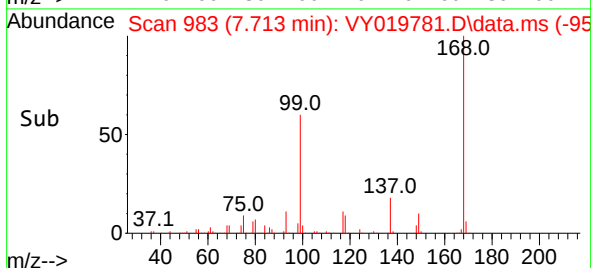
Tgt Ion:113 Resp: 160254
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.5 15.9 23.9

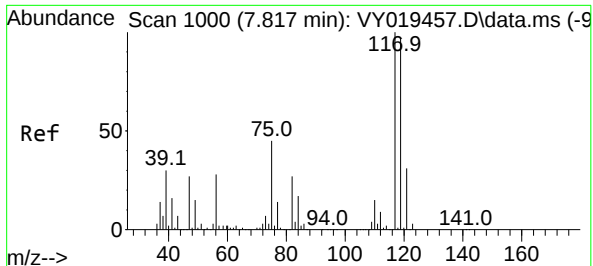


#36
1,1-Dichloropropene
Concen: 5.905 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34



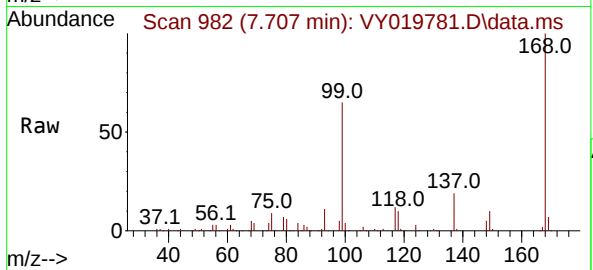
Tgt Ion: 75 Resp: 22924
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#



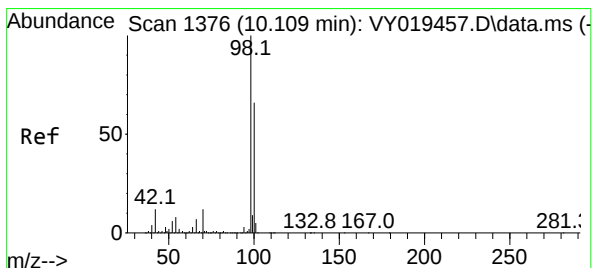
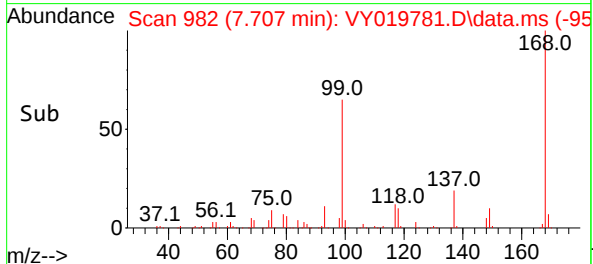
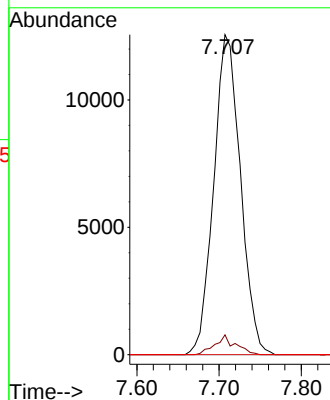


#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :

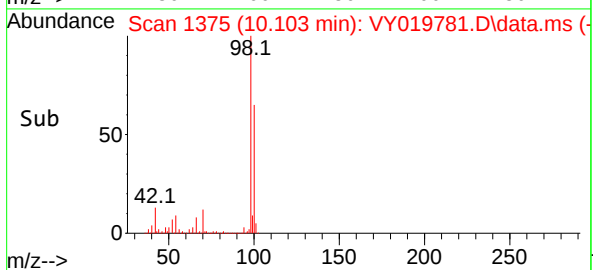
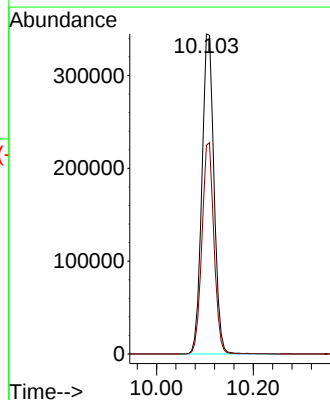
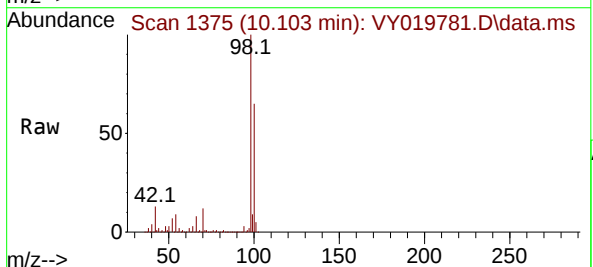


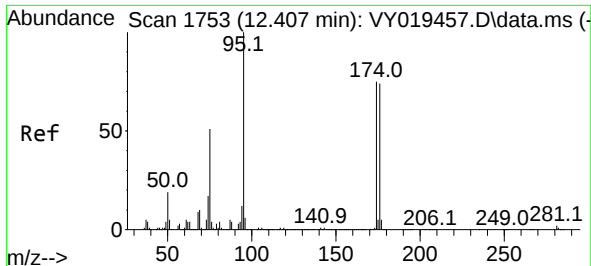
Tgt Ion:117 Resp: 28392
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.779 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Tgt Ion: 98 Resp: 599179
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

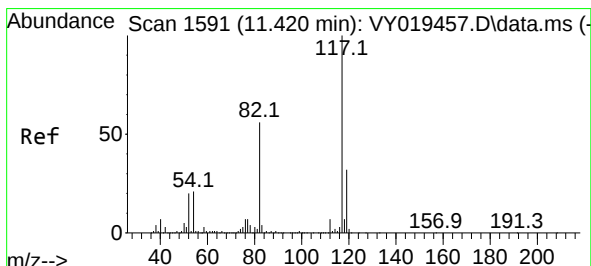
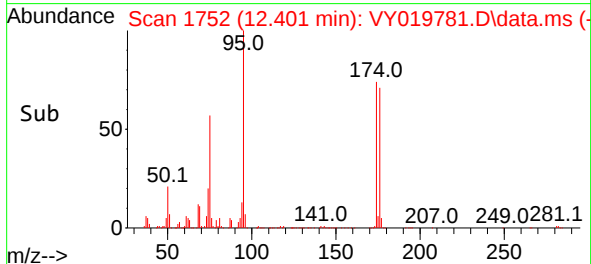
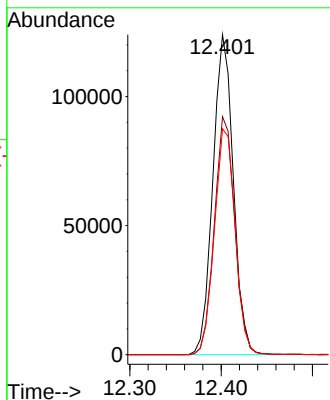
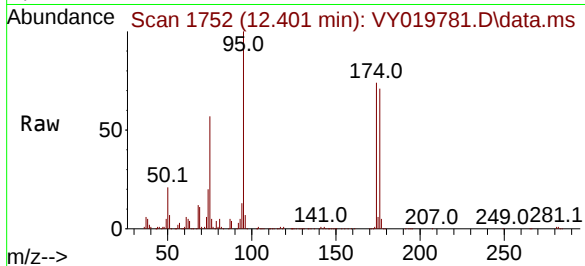




#62
4-Bromofluorobenzene
Concen: 47.455 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

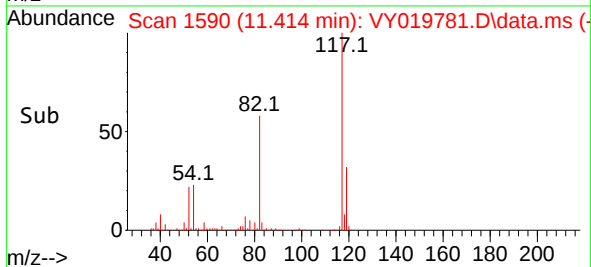
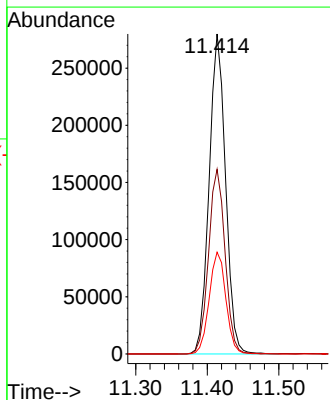
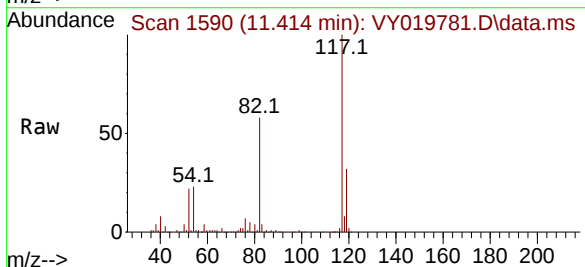
Instrument :
MSVOA_Y
ClientSampleId :

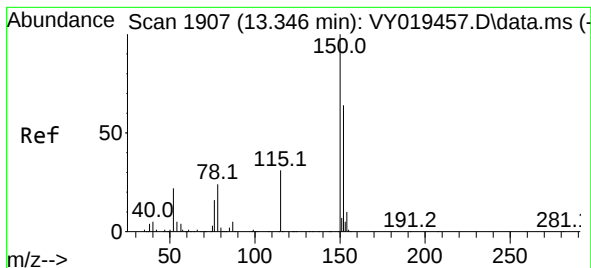
Tgt Ion: 95 Resp: 192559
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 72.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Tgt Ion: 117 Resp: 445475
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY019781.D

Acq: 03 Oct 2024 12:34

Instrument :

MSVOA_Y

ClientSampleId :

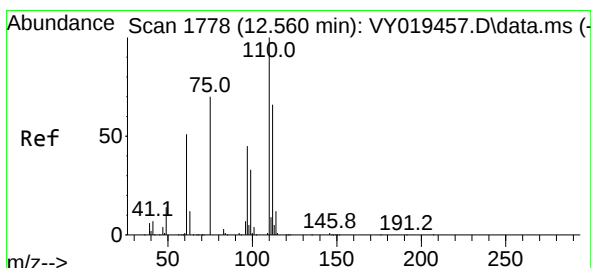
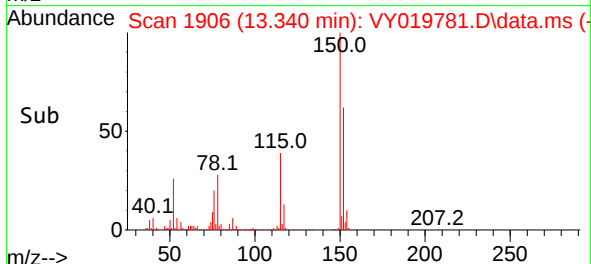
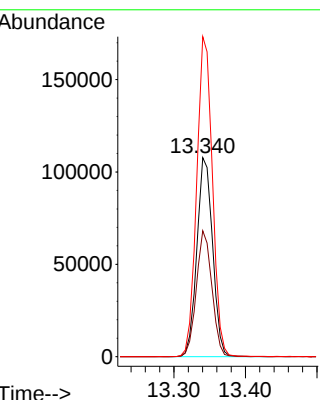
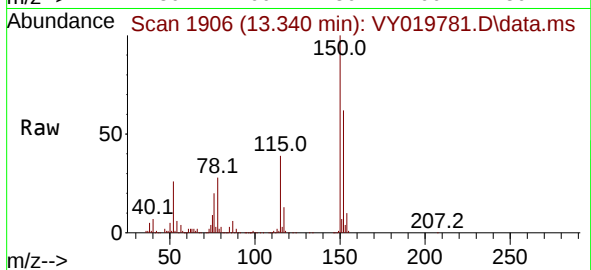
Tgt Ion:152 Resp: 164584

Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 160.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.056 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019781.D

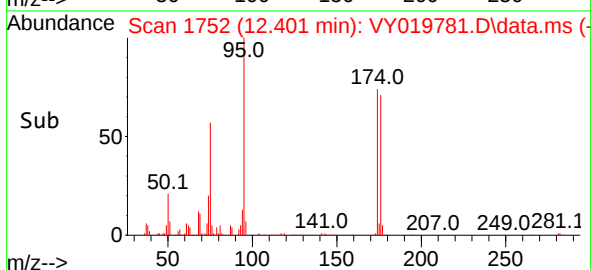
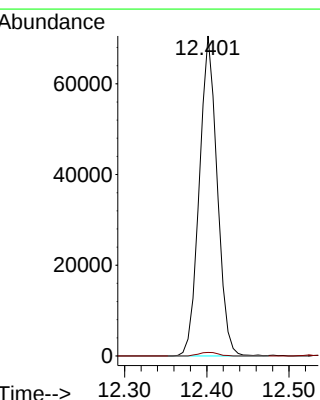
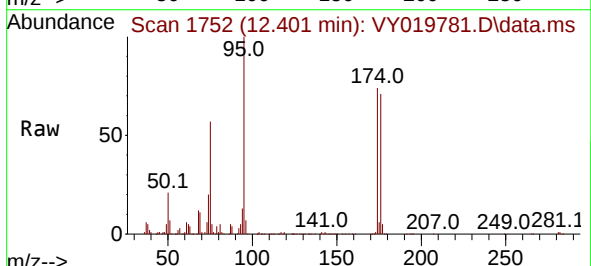
Acq: 03 Oct 2024 12:34

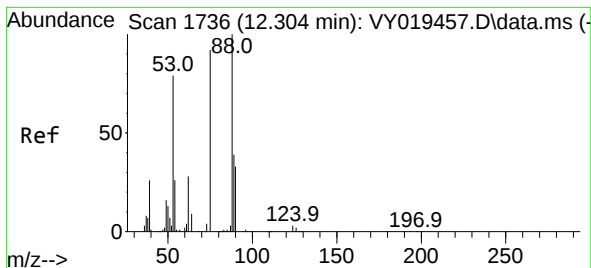
Tgt Ion: 75 Resp: 106528

Ion Ratio Lower Upper

75 100

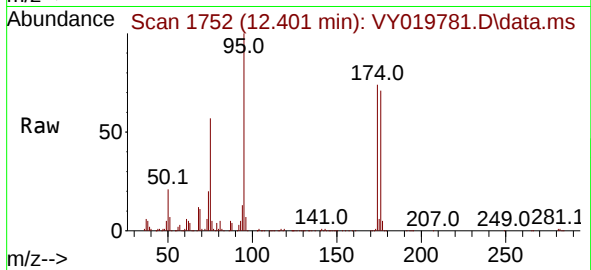
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.568 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019781.D
Acq: 03 Oct 2024 12:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 106528
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

