

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019477.D
 Acq On : 10 Sep 2024 09:41
 Operator : SY/MD
 Sample : VY0910SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:46:37 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)

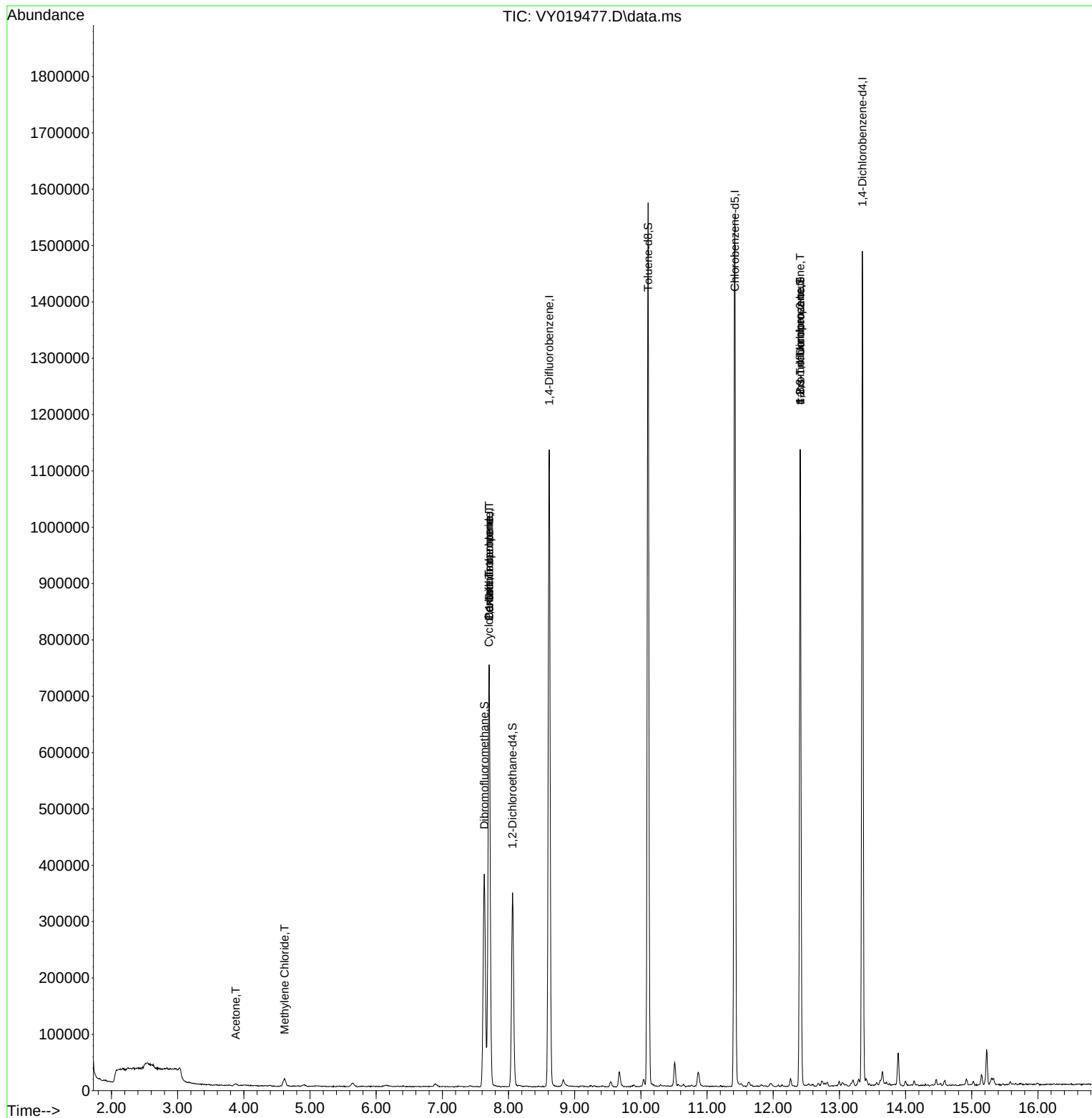
Internal Standards						
1) Pentafluorobenzene	7.707	168	561369	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	966935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	807045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	358258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	268453	51.644	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.280%		
35) Dibromofluoromethane	7.634	113	266864	48.677	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 97.360%		
50) Toluene-d8	10.109	98	997082	49.171	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.340%		
62) 4-Bromofluorobenzene	12.408	95	352024	45.149	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 90.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	432	Below Cal	#	43
13) Acrolein	3.647	56	106	Below Cal	#	15
16) Acetone	3.879	43	6821	5.508	ug/l	# 80
20) Methylene Chloride	4.616	84	10023	1.775	ug/l	90
31) Cyclohexane	7.701	56	13348	1.435	ug/l	# 10
36) 1,1-Dichloropropene	7.707	75	45388	6.084	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	59021	7.016	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	183838	54.748	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	183838	105.100	ug/l	# 16

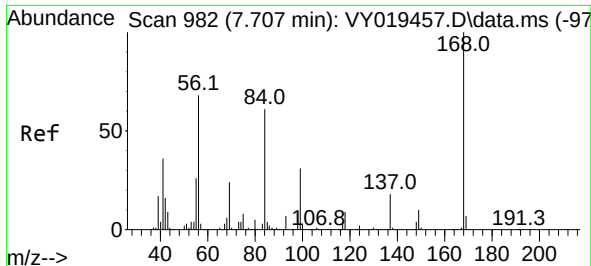
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019477.D
Acq On : 10 Sep 2024 09:41
Operator : SY/MD
Sample : VY0910SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 11 01:46:37 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

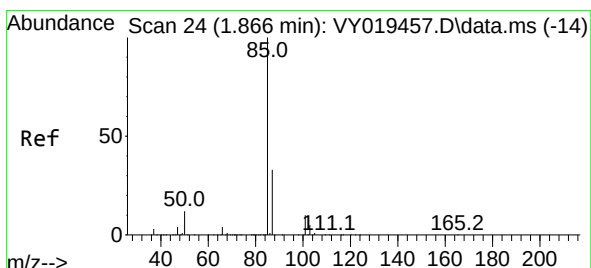
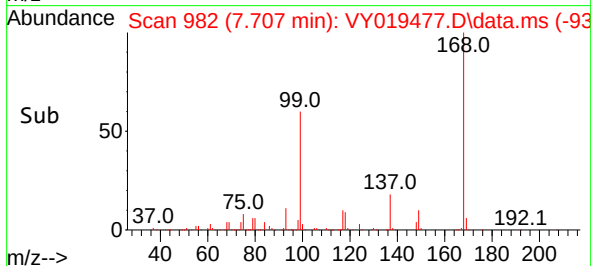
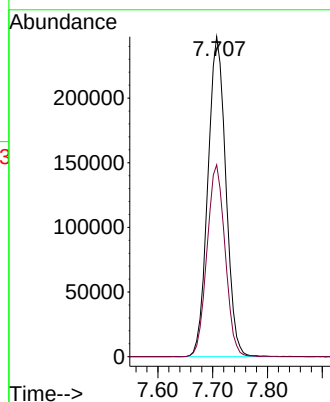
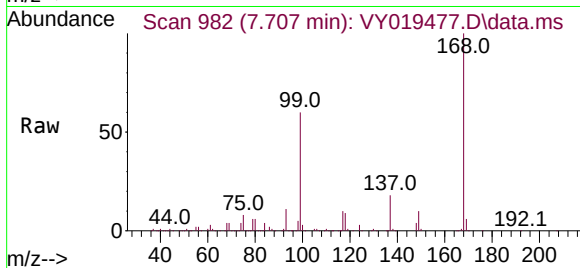




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

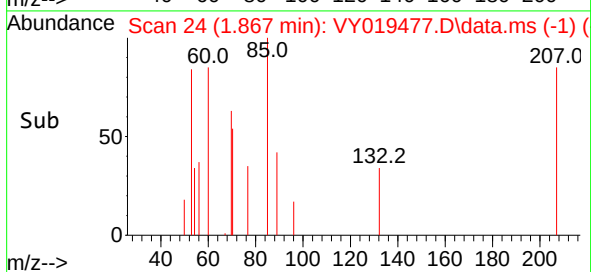
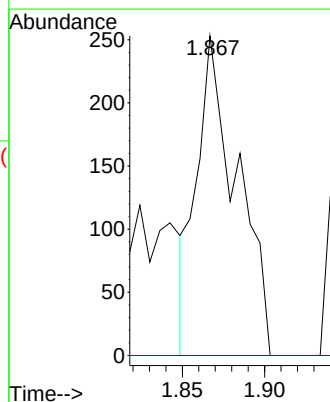
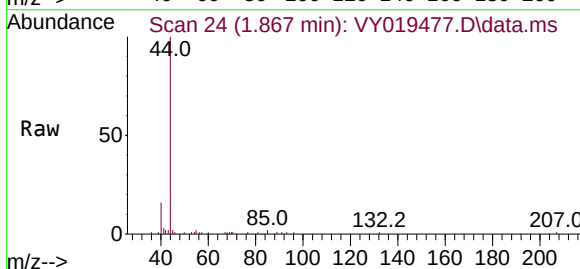
Instrument :
MSVOA_Y
ClientSampleId :

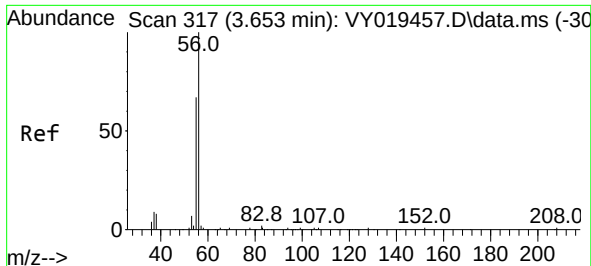
Tgt Ion:168 Resp: 561369
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

Tgt Ion: 85 Resp: 432
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

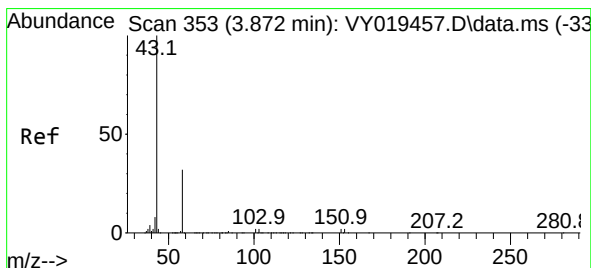
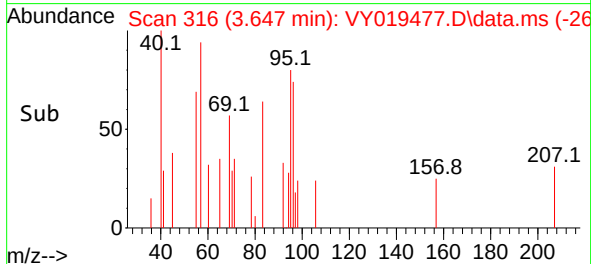
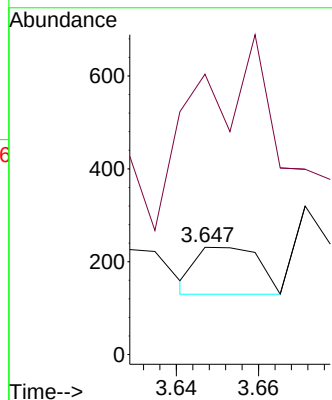
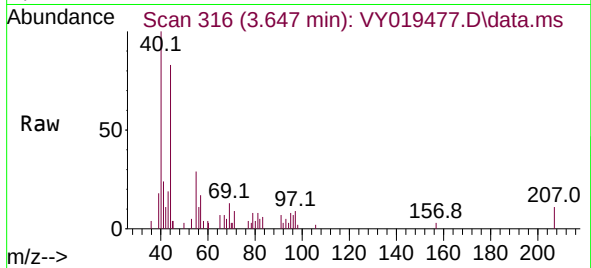




#13
Acrolein
Concen: Below Cal
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

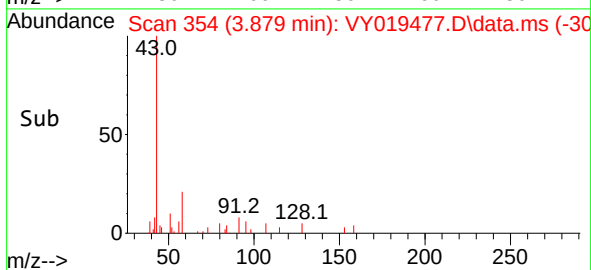
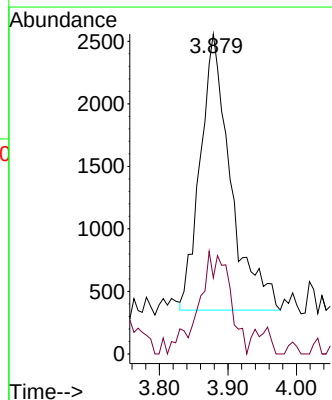
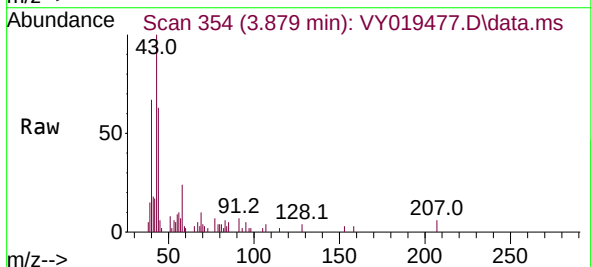
Instrument :
MSVOA_Y
ClientSampleId :

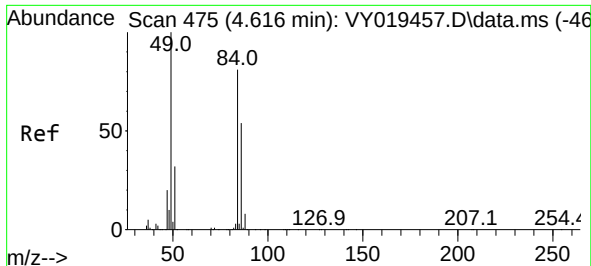
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 5.508 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

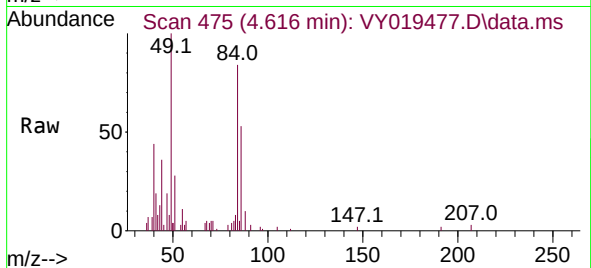
Tgt Ion: 43 Resp: 6821
Ion Ratio Lower Upper
43 100
58 27.6 31.7 47.5#



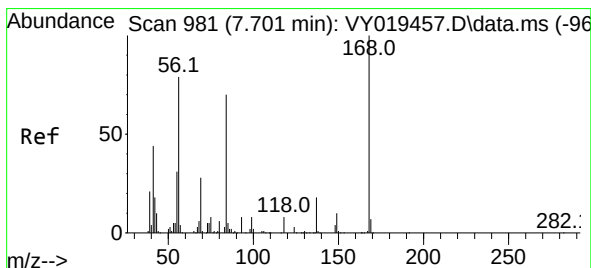
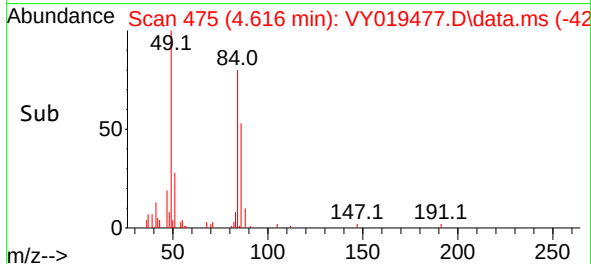
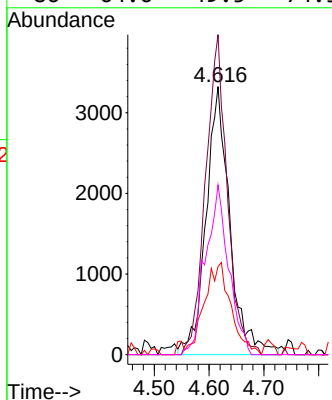


#20
Methylene Chloride
Concen: 1.775 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

Instrument :
MSVOA_Y
ClientSampleId :

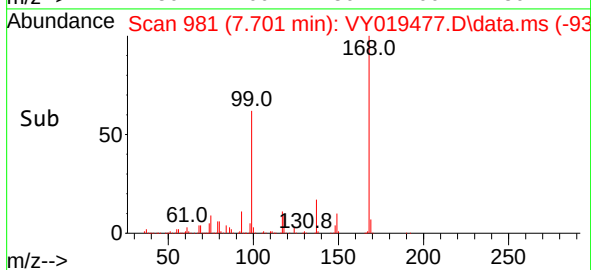
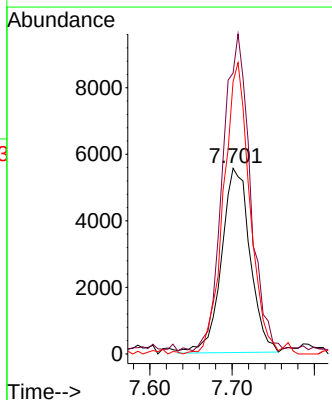
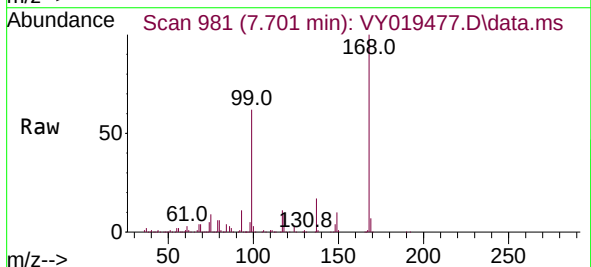


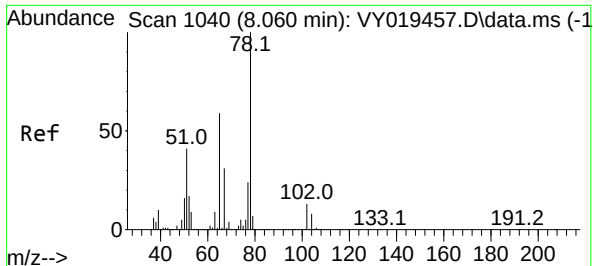
Tgt Ion:	84	Resp:	10023
Ion	Ratio	Lower	Upper
84	100		
49	121.9	84.4	126.6
51	33.6	26.0	39.0
86	64.6	49.5	74.3



#31
Cyclohexane
Concen: 1.435 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

Tgt Ion:	56	Resp:	13348
Ion	Ratio	Lower	Upper
56	100		
69	151.2	28.7	43.1#
84	147.2	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.644 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019477.D

Acq: 10 Sep 2024 09:41

Instrument :

MSVOA_Y

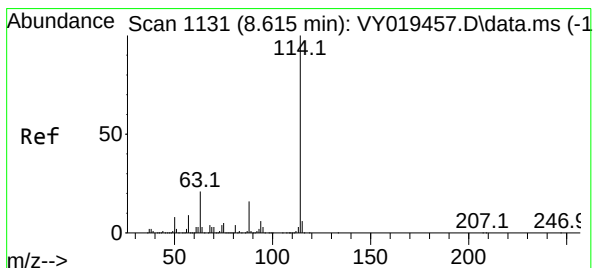
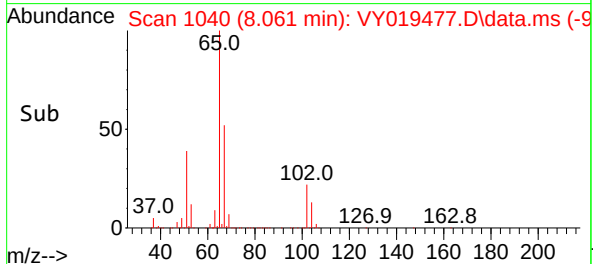
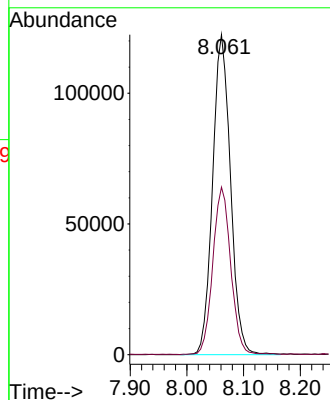
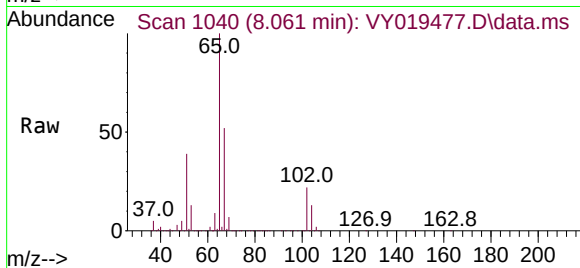
ClientSampleId :

Tgt Ion: 65 Resp: 268453

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019477.D

Acq: 10 Sep 2024 09:41

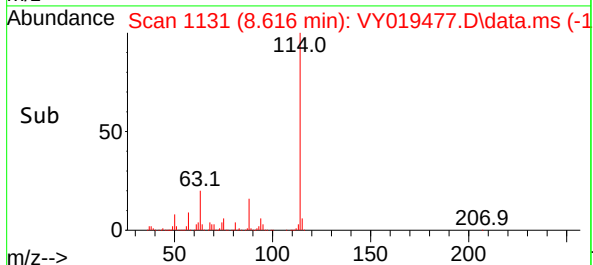
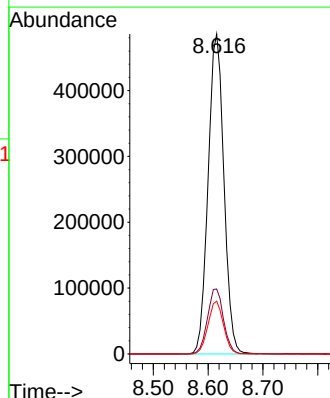
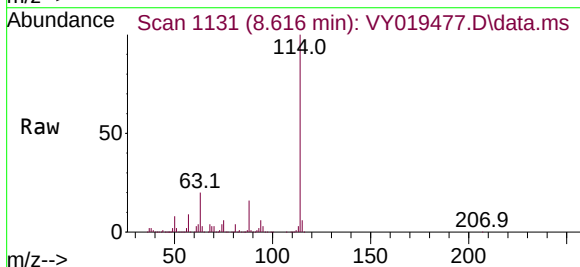
Tgt Ion: 114 Resp: 966935

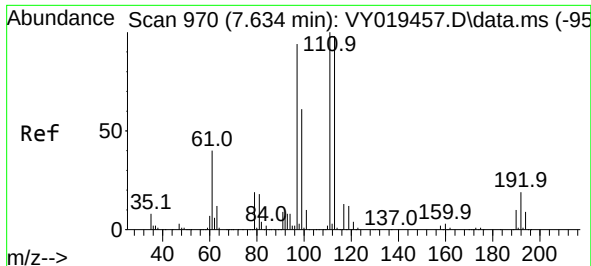
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

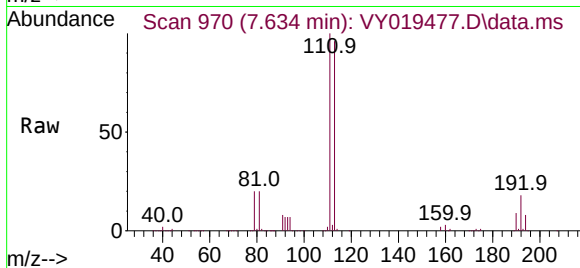
88 16.5 0.0 27.2



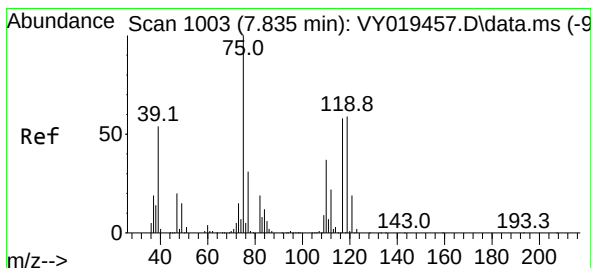
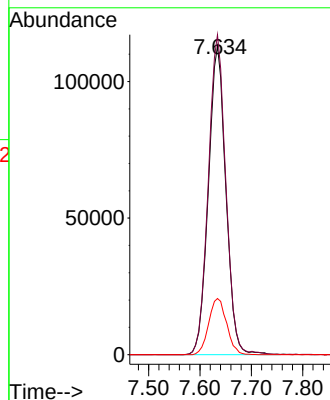
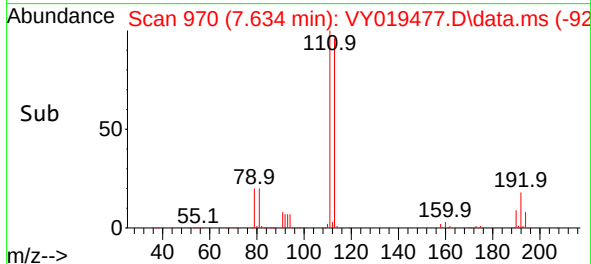


#35
Dibromofluoromethane
Concen: 48.677 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

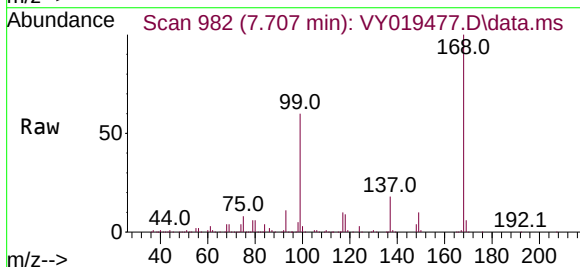
Instrument :
MSVOA_Y
ClientSampleId :



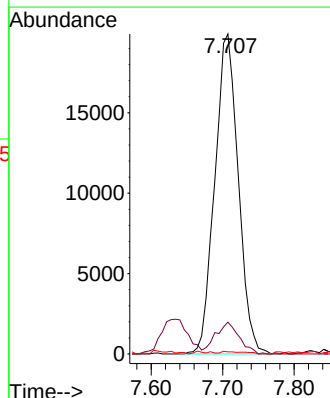
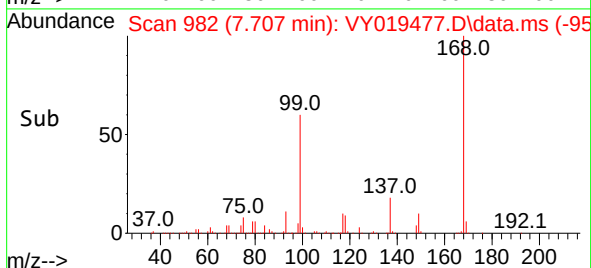
Tgt Ion:113 Resp: 266864
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 18.7 15.9 23.9

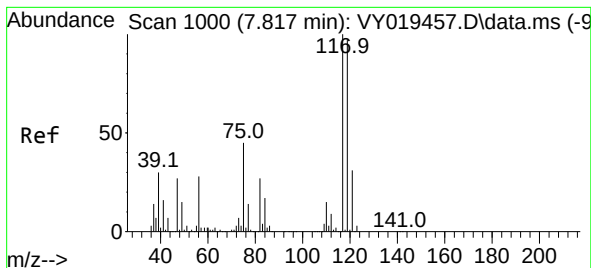


#36
1,1-Dichloropropene
Concen: 6.084 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41



Tgt Ion: 75 Resp: 45388
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.8 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.016 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

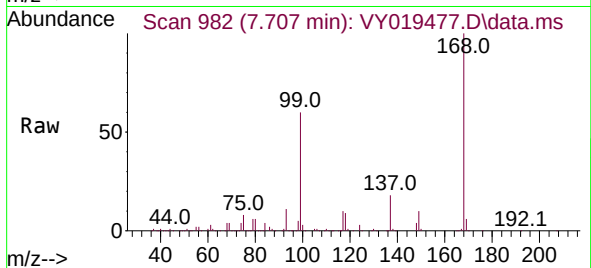
Lab File: VY019477.D

Acq: 10 Sep 2024 09:41

Instrument :

MSVOA_Y

ClientSampleId :



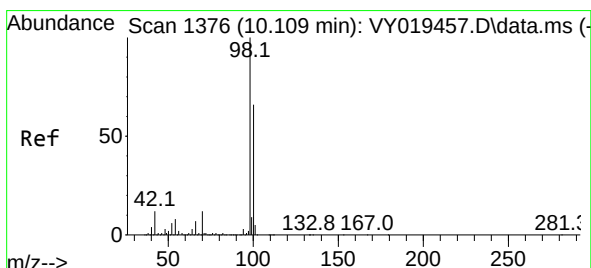
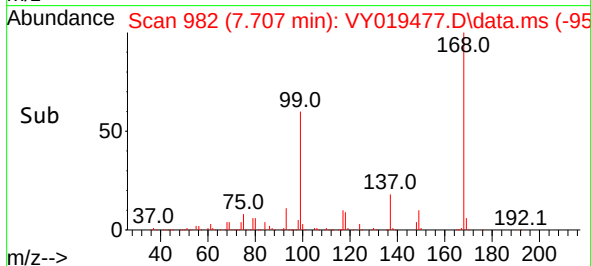
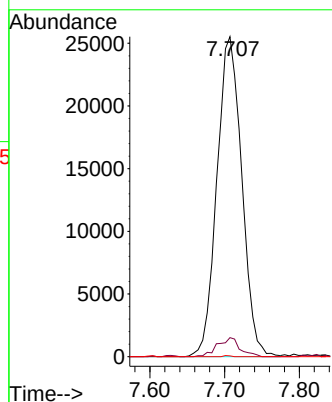
Tgt Ion:117 Resp: 59021

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.3 24.0 36.0#



#50

Toluene-d8

Concen: 49.171 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019477.D

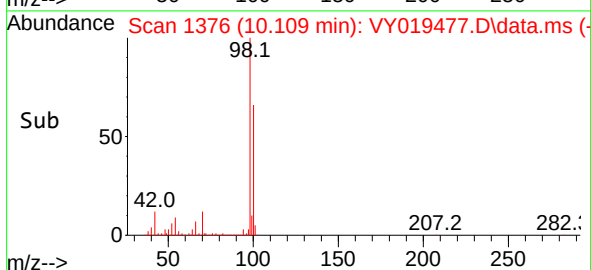
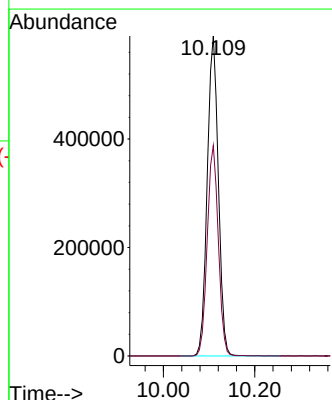
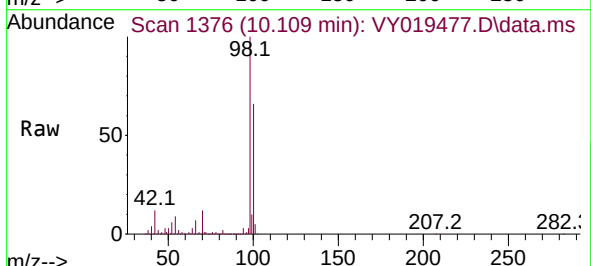
Acq: 10 Sep 2024 09:41

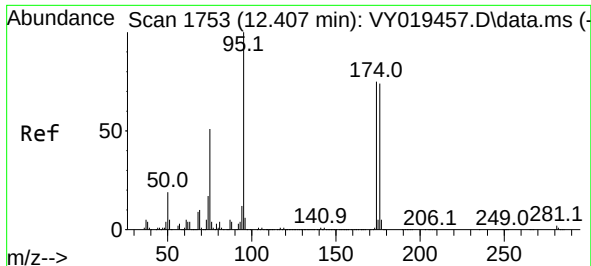
Tgt Ion: 98 Resp: 997082

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

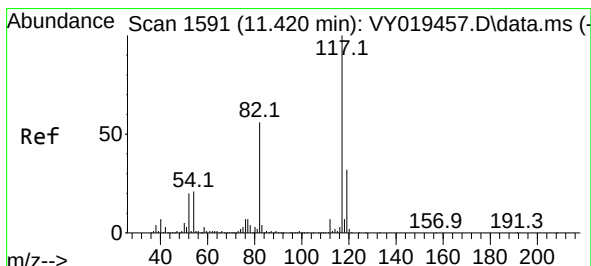
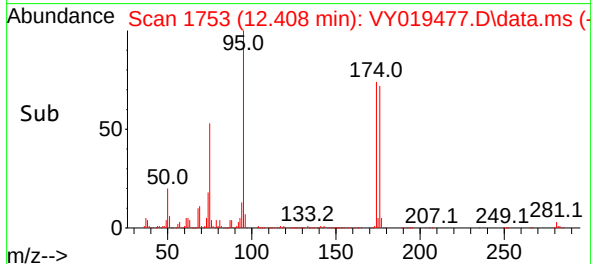
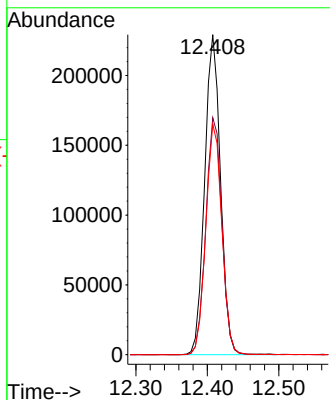
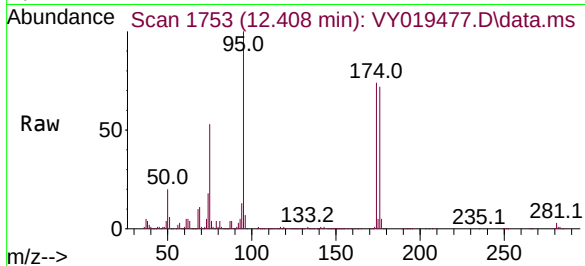




#62
4-Bromofluorobenzene
Concen: 45.149 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

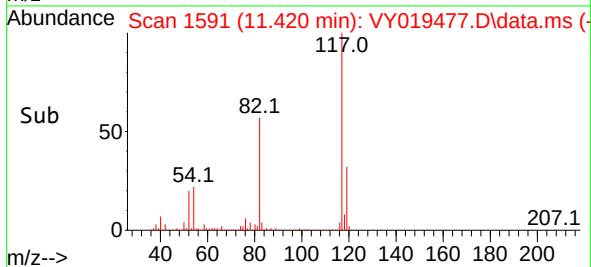
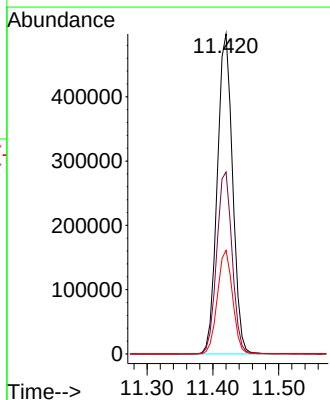
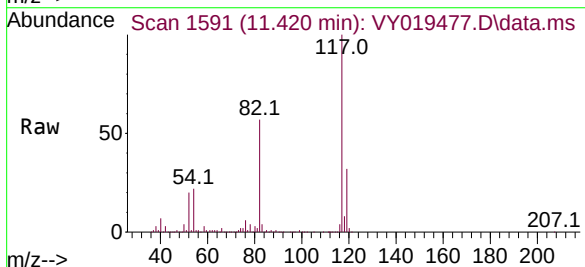
Instrument :
MSVOA_Y
ClientSampleId :

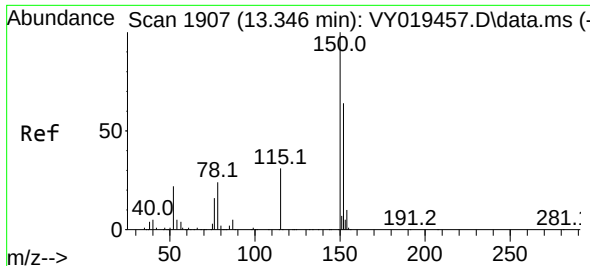
Tgt Ion: 95 Resp: 352024
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 73.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019477.D
Acq: 10 Sep 2024 09:41

Tgt Ion: 117 Resp: 807045
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.4 25.9 38.9

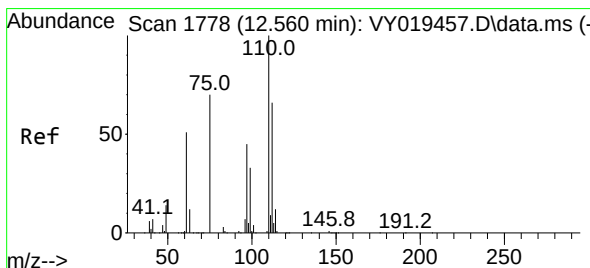
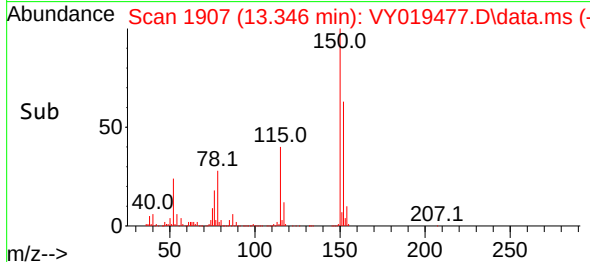
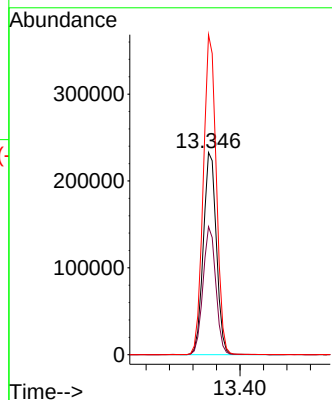
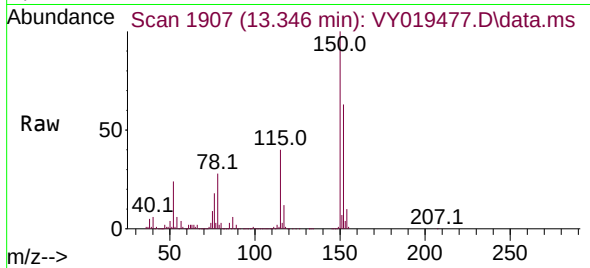




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019477.D
 Acq: 10 Sep 2024 09:41

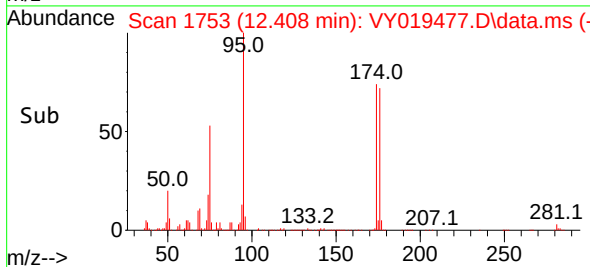
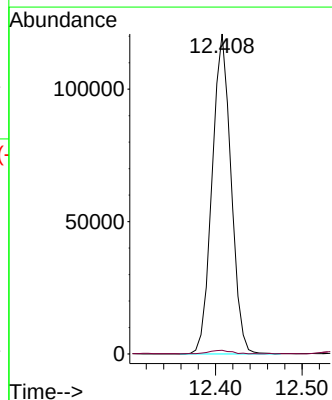
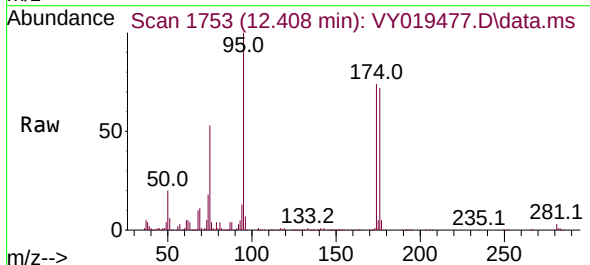
Instrument :
 MSVOA_Y
 ClientSampleId :

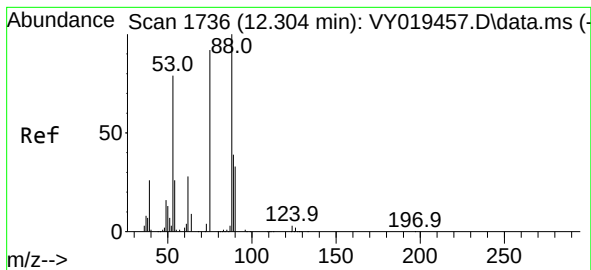
Tgt Ion:152 Resp: 358258
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.2 84.7
 150 157.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 54.748 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019477.D
 Acq: 10 Sep 2024 09:41

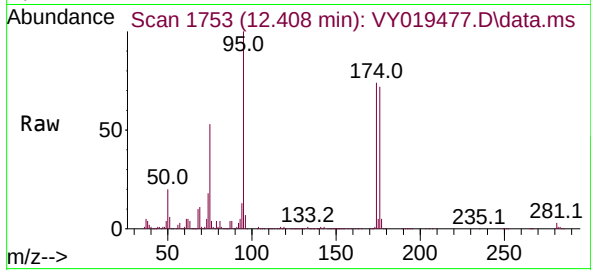
Tgt Ion: 75 Resp: 183838
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.100 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019477.D
 Acq: 10 Sep 2024 09:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 183838
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

