

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019489.D
 Acq On : 10 Sep 2024 15:47
 Operator : SY/MD
 Sample : P3907-03
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:50:20 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)

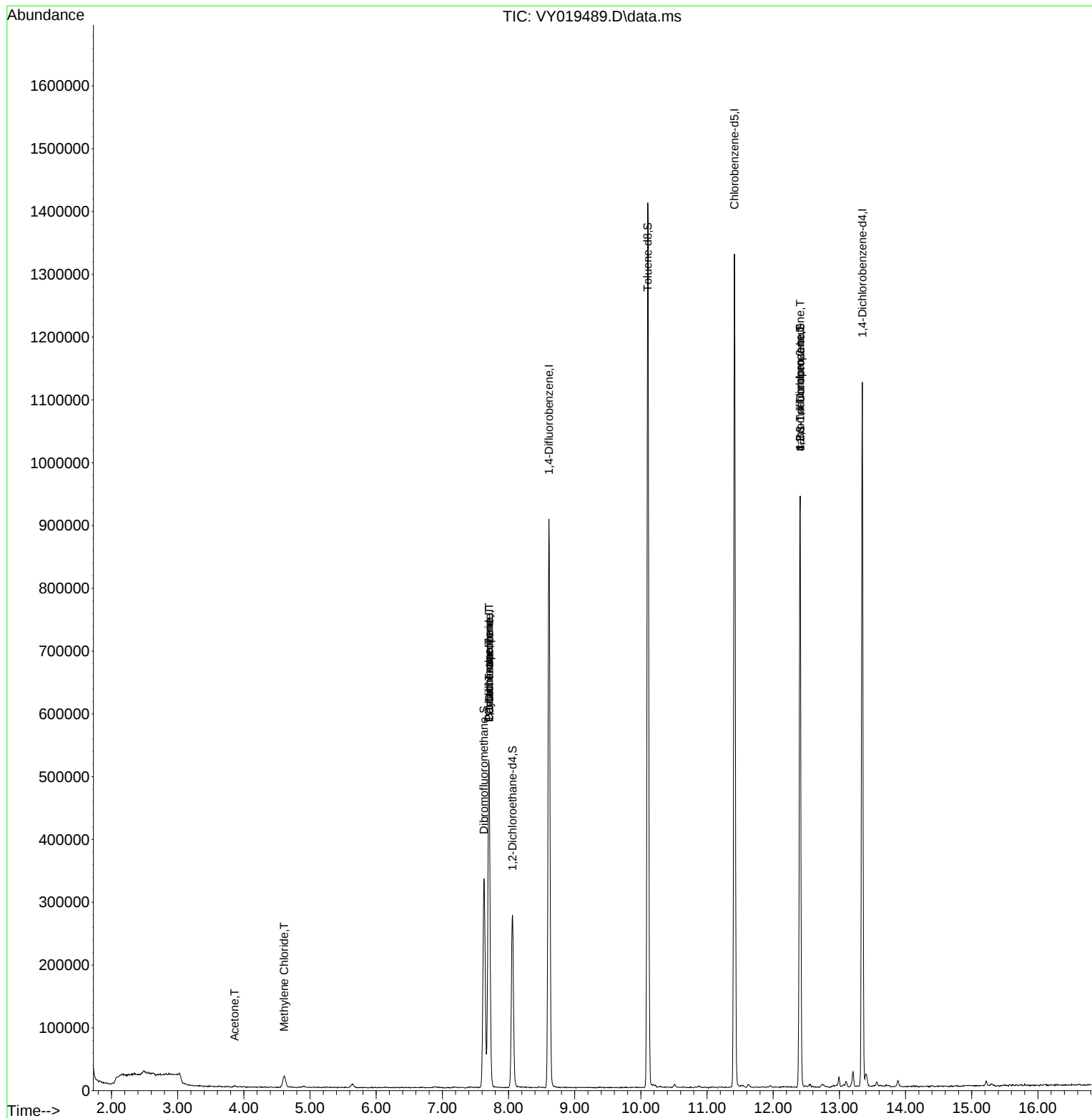
Internal Standards						
1) Pentafluorobenzene	7.707	168	394655	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	767049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	687084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	268295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	219277	60.003	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.000%		
35) Dibromofluoromethane	7.628	113	239116	54.981	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.960%		
50) Toluene-d8	10.103	98	916331	56.964	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.920%		
62) 4-Bromofluorobenzene	12.408	95	306765	49.597	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 99.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.855	85	304	Below Cal	#	43
13) Acrolein	3.623	56	634	Below Cal	#	54
16) Acetone	3.860	43	2318	2.662	ug/l	# 71
20) Methylene Chloride	4.610	84	13870	3.493	ug/l	92
31) Cyclohexane	7.701	56	9857	1.507	ug/l	# 30
36) 1,1-Dichloropropene	7.707	75	34375	5.809	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	43107	6.460	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	163015	64.825	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	163015	124.445	ug/l	# 16

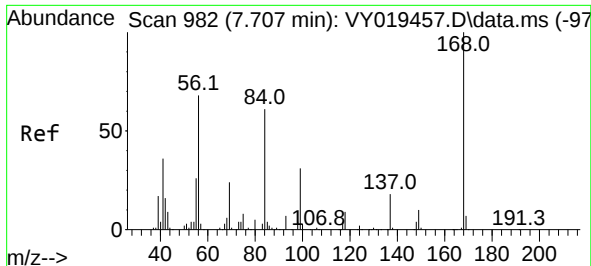
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 11 01:50:20 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

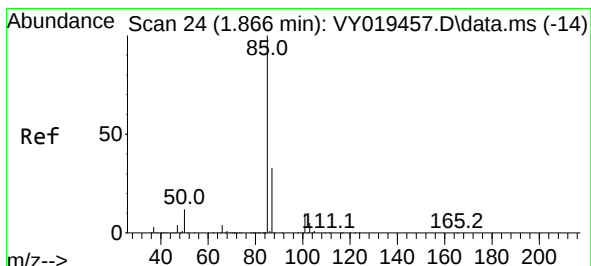
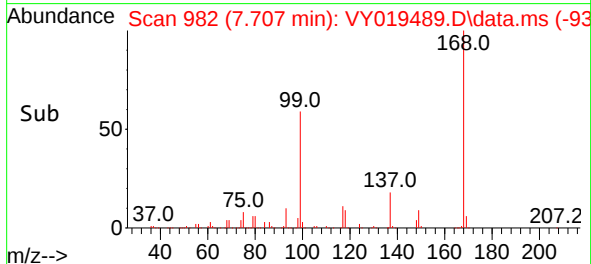
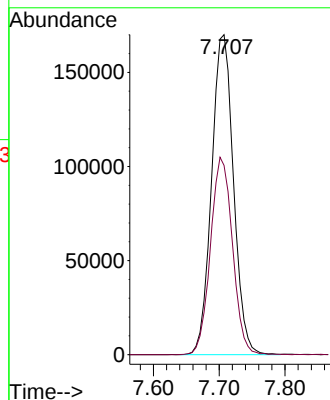
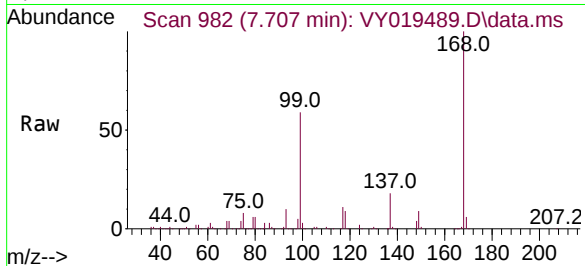




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

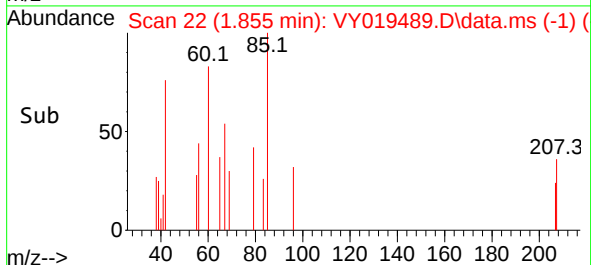
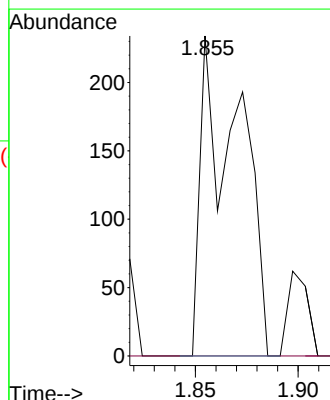
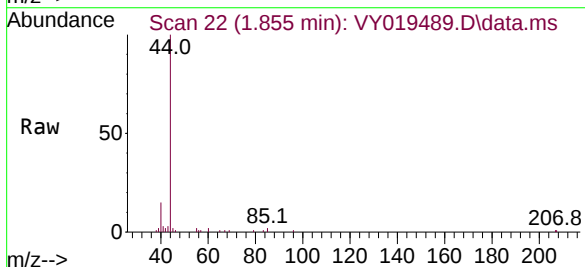
Instrument :
MSVOA_Y
ClientSampleId :

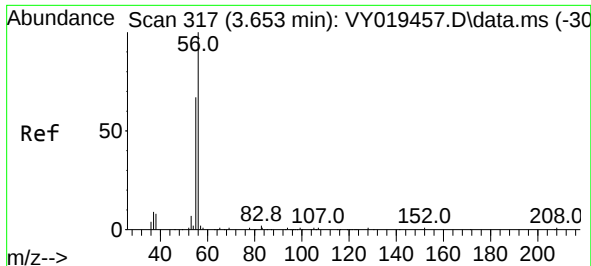
Tgt Ion:168 Resp: 394655
Ion Ratio Lower Upper
168 100
99 59.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.855 min Scan# 22
Delta R.T. -0.011 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Tgt Ion: 85 Resp: 304
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

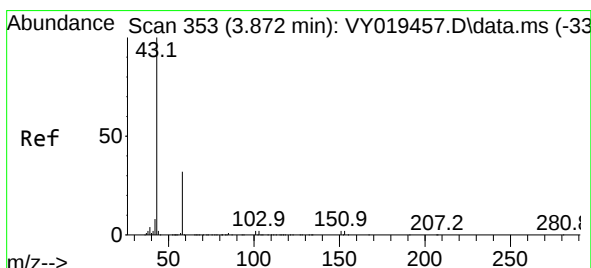
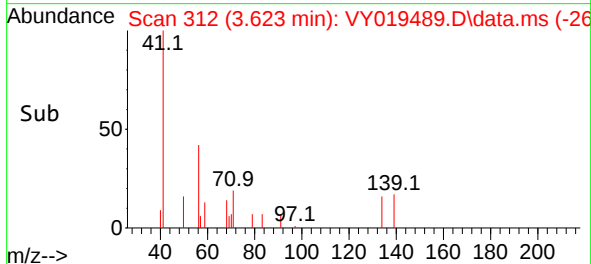
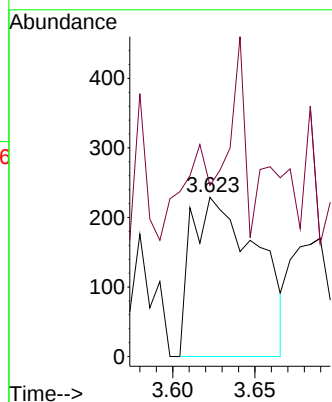
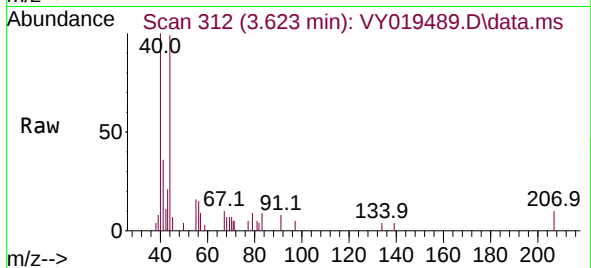




#13
Acrolein
Concen: Below Cal
RT: 3.623 min Scan# 317
Delta R.T. -0.030 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

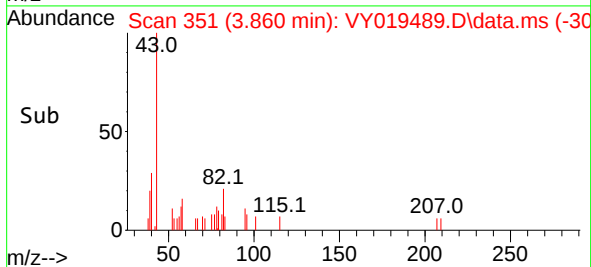
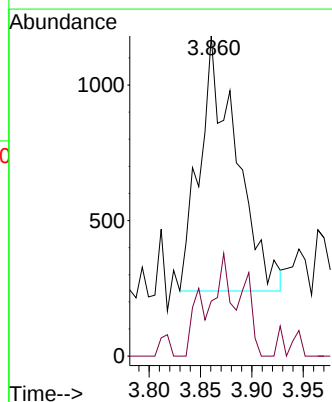
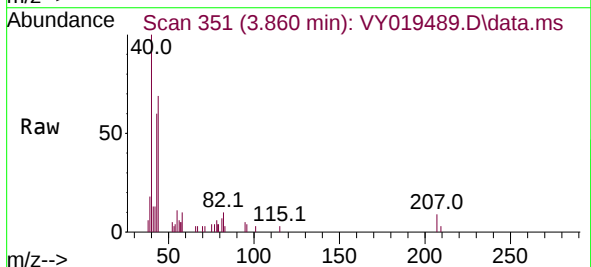
Instrument :
MSVOA_Y
ClientSampleId :

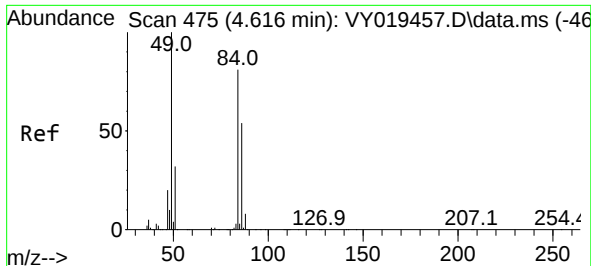
Tgt Ion: 56 Resp: 634
Ion Ratio Lower Upper
56 100
55 31.9 55.7 83.5#



#16
Acetone
Concen: 2.662 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

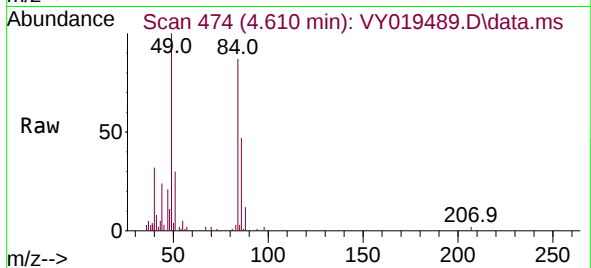
Tgt Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#



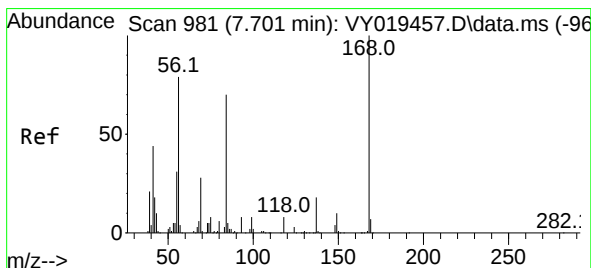
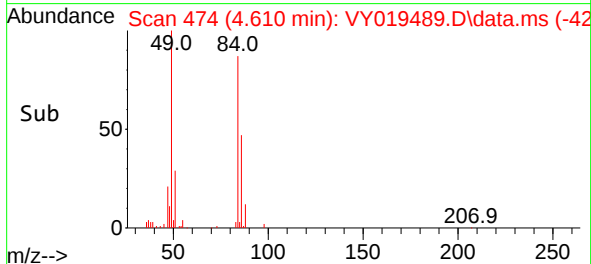
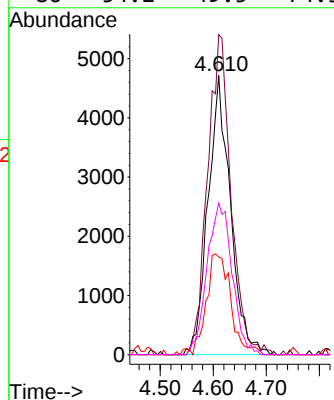


#20
Methylene Chloride
Concen: 3.493 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :

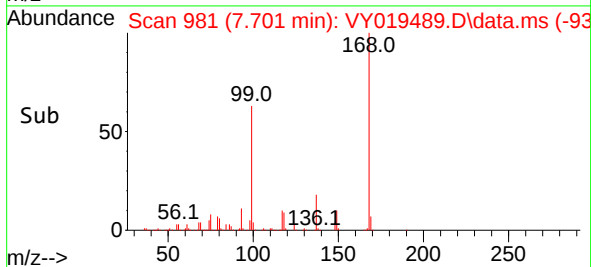
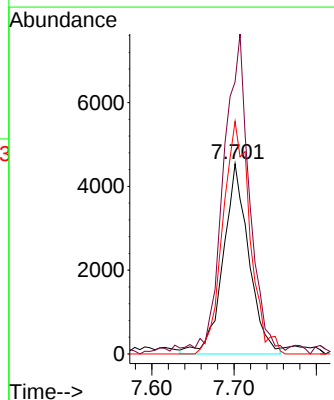
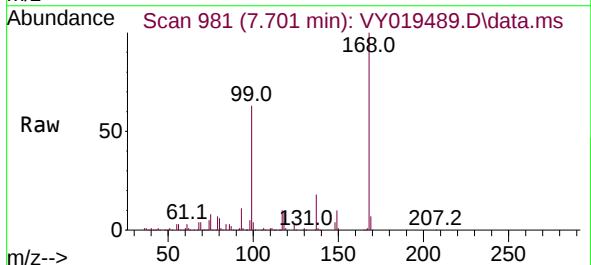


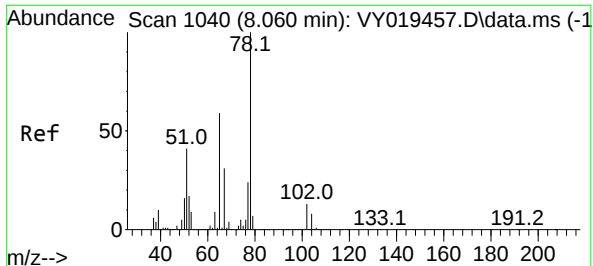
Tgt Ion:	84	Resp:	13870
Ion	Ratio	Lower	Upper
84	100		
49	114.6	84.4	126.6
51	34.9	26.0	39.0
86	54.2	49.5	74.3



#31
Cyclohexane
Concen: 1.507 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Tgt Ion:	56	Resp:	9857
Ion	Ratio	Lower	Upper
56	100		
69	142.8	28.7	43.1#
84	124.8	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.003 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019489.D

Acq: 10 Sep 2024 15:47

Instrument :

MSVOA_Y

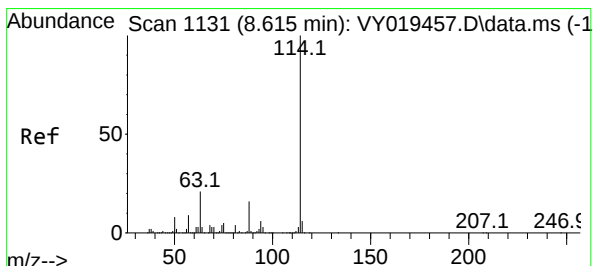
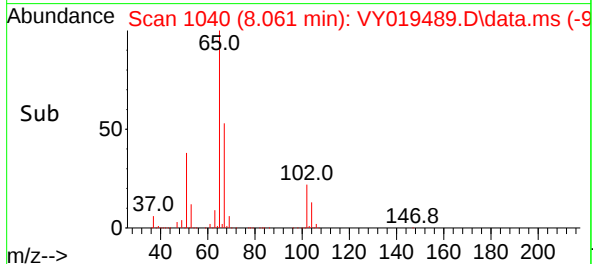
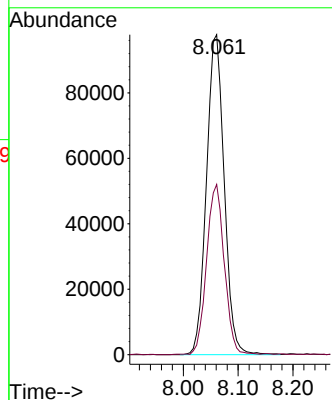
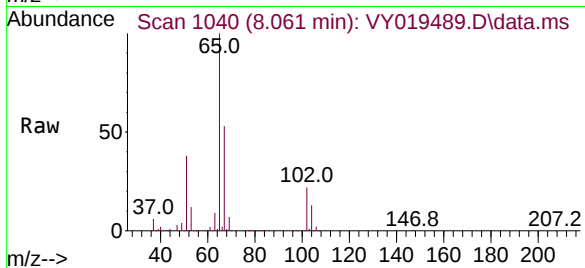
ClientSampleId :

Tgt Ion: 65 Resp: 219277

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019489.D

Acq: 10 Sep 2024 15:47

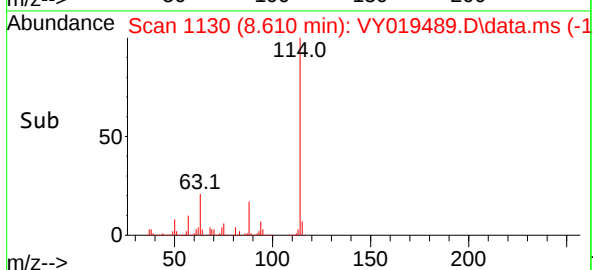
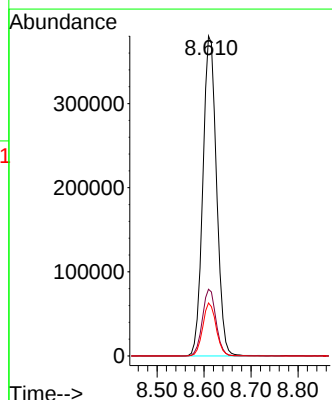
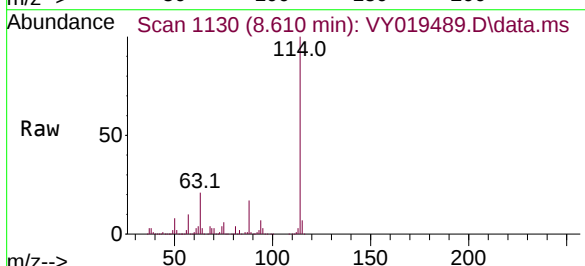
Tgt Ion: 114 Resp: 767049

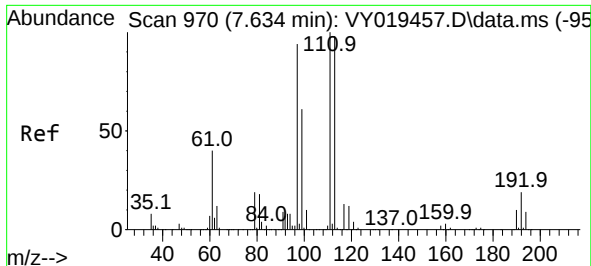
Ion Ratio Lower Upper

114 100

63 20.9 0.0 35.0

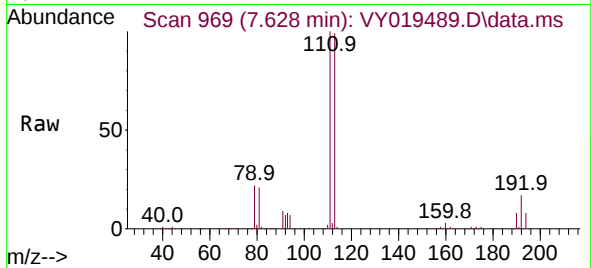
88 16.6 0.0 27.2



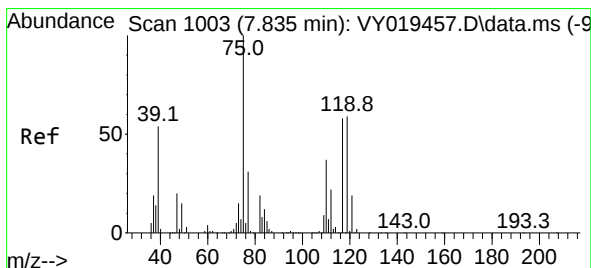
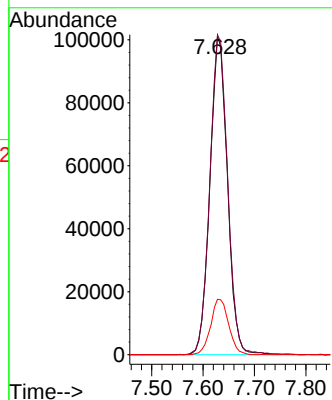
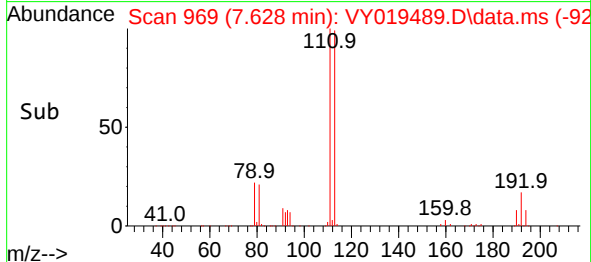


#35
Dibromofluoromethane
Concen: 54.981 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

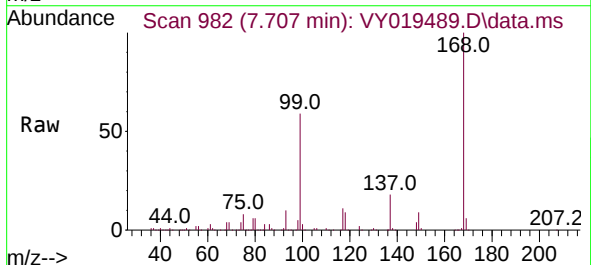
Instrument :
MSVOA_Y
ClientSampleId :



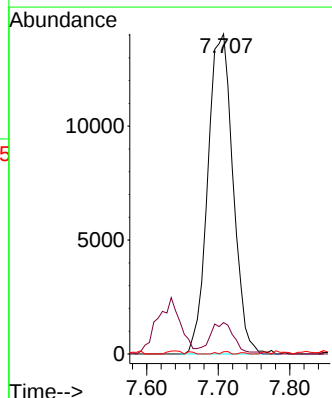
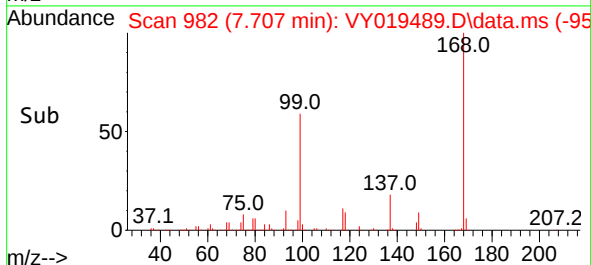
Tgt Ion:113 Resp: 239116
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.9 15.9 23.9

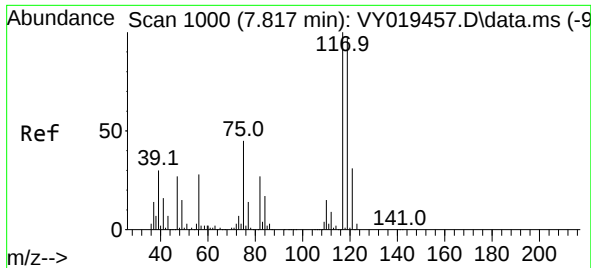


#36
1,1-Dichloropropene
Concen: 5.809 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47



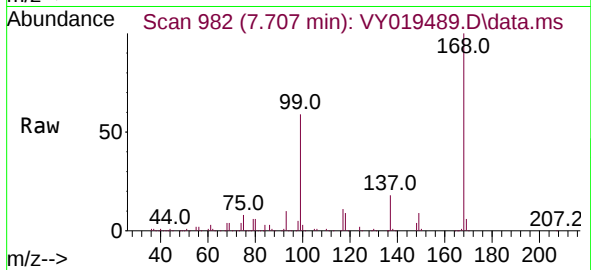
Tgt Ion: 75 Resp: 34375
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.3 25.3 37.9#



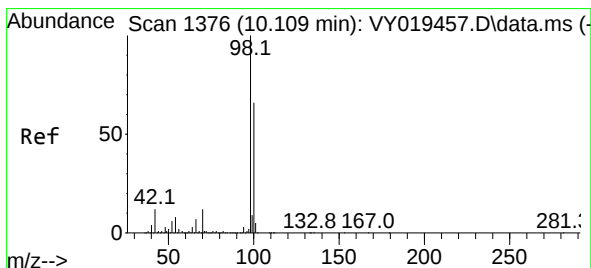
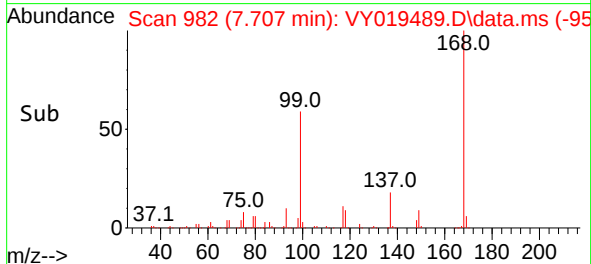
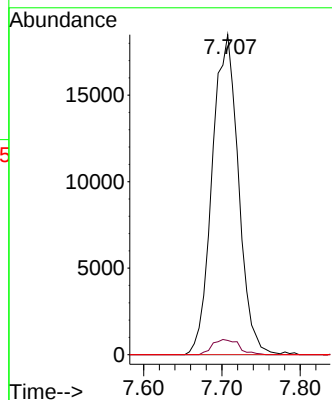


#38
Carbon Tetrachloride
Concen: 6.460 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :

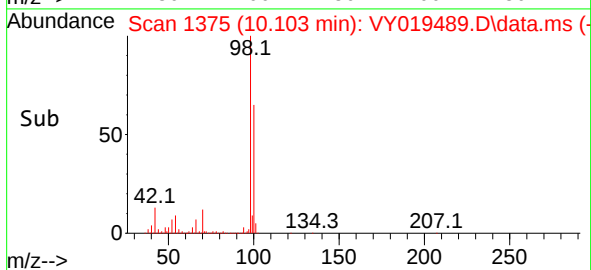
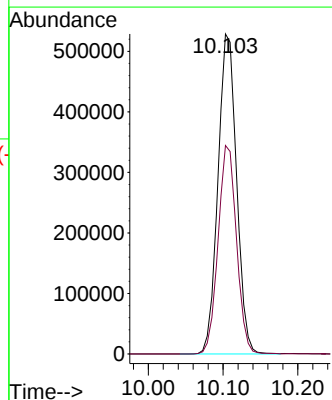
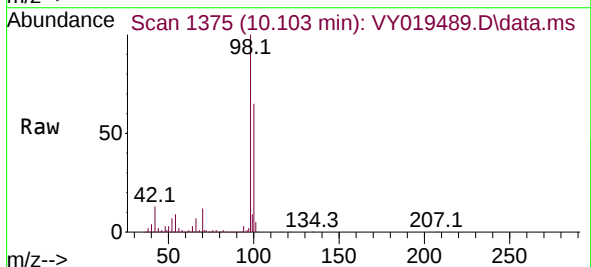


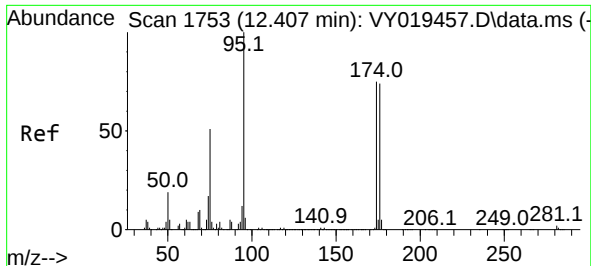
Tgt Ion:117 Resp: 43107
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.964 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Tgt Ion: 98 Resp: 916331
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

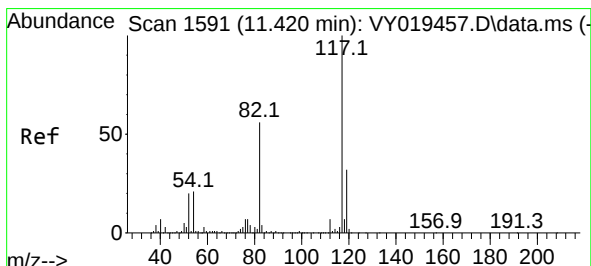
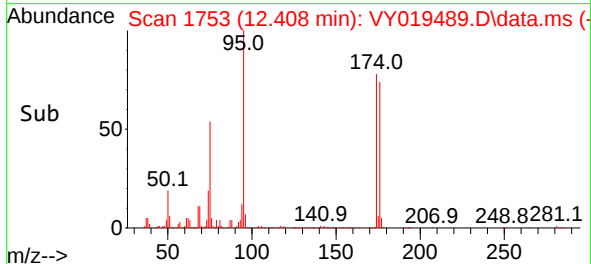
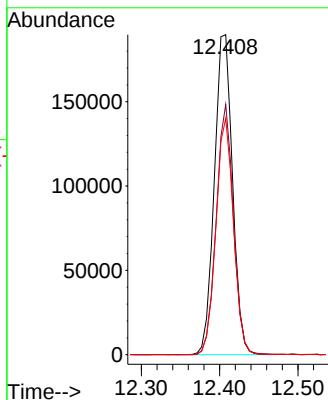
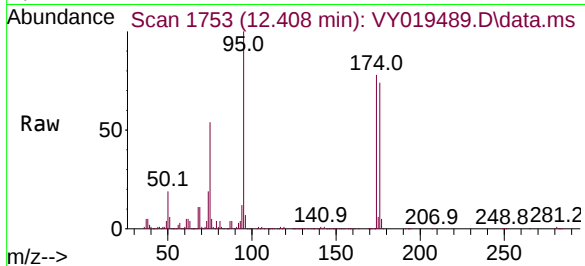




#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

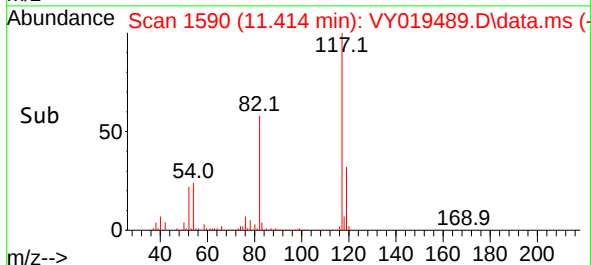
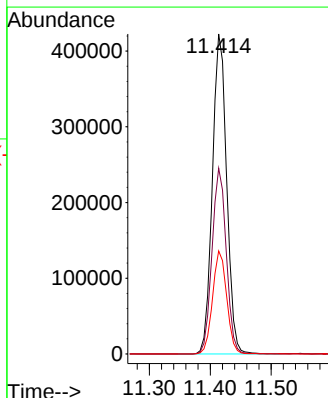
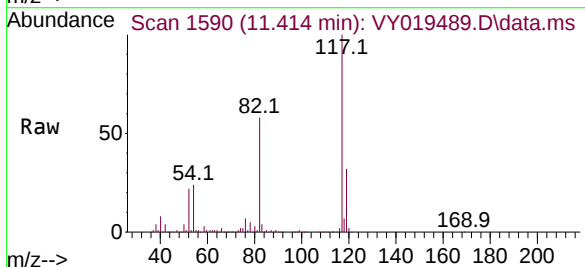
Instrument :
MSVOA_Y
ClientSampleId :

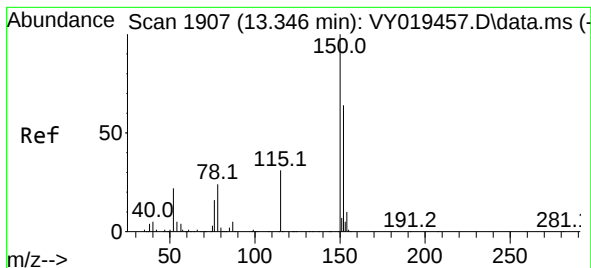
Tgt Ion: 95 Resp: 306765
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 71.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019489.D
Acq: 10 Sep 2024 15:47

Tgt Ion: 117 Resp: 687084
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019489.D

Acq: 10 Sep 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

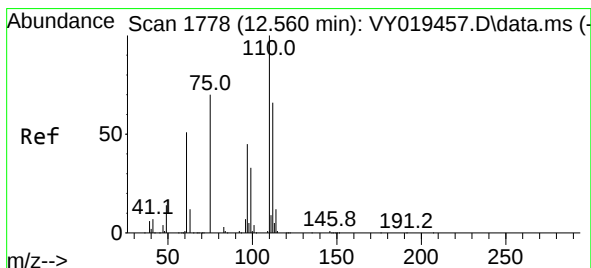
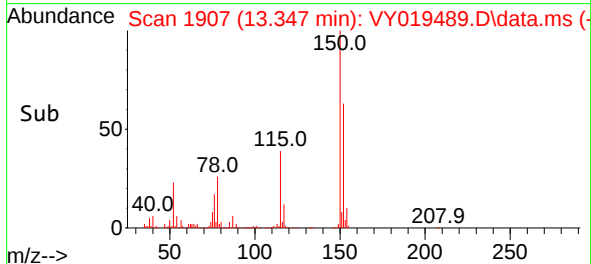
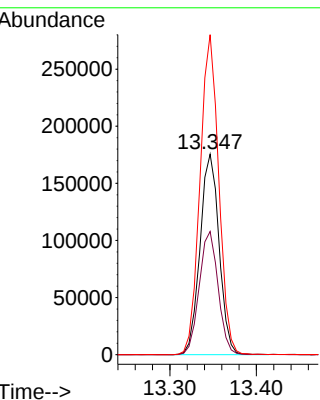
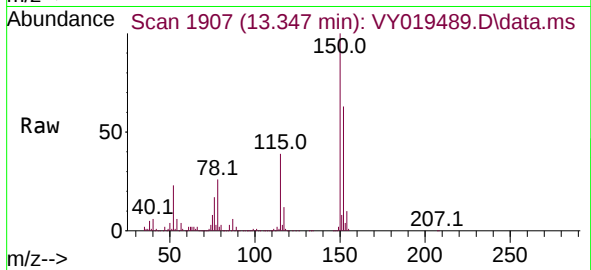
Tgt Ion:152 Resp: 268295

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 156.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.825 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019489.D

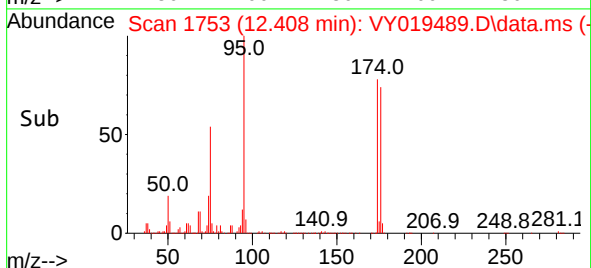
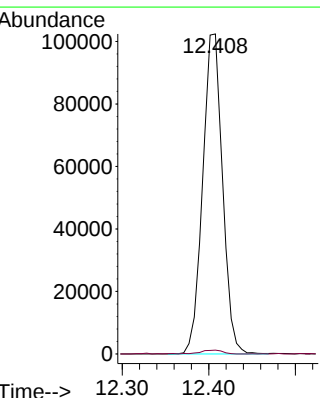
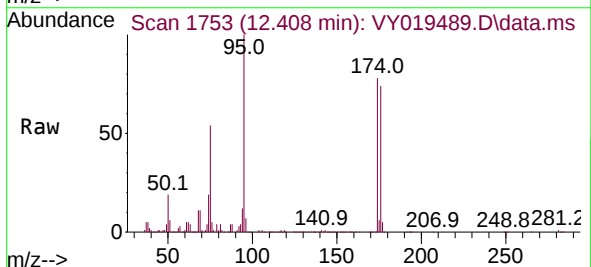
Acq: 10 Sep 2024 15:47

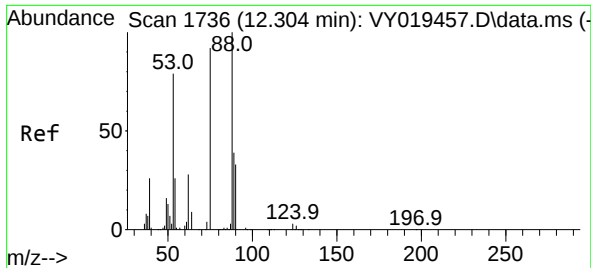
Tgt Ion: 75 Resp: 163015

Ion Ratio Lower Upper

75 100

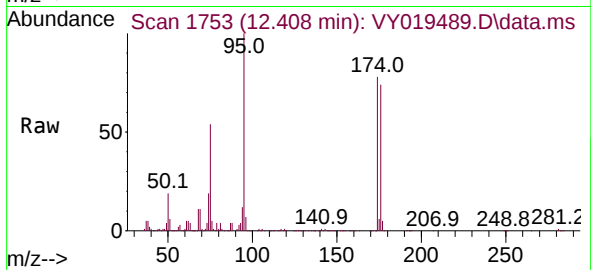
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.445 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019489.D
 Acq: 10 Sep 2024 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 163015
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.8 100.2#
 89 0.0 35.8 53.6#

