

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019163.D
 Acq On : 20 Aug 2024 20:06
 Operator : SY/MD
 Sample : P3534-03
 Misc : 3.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

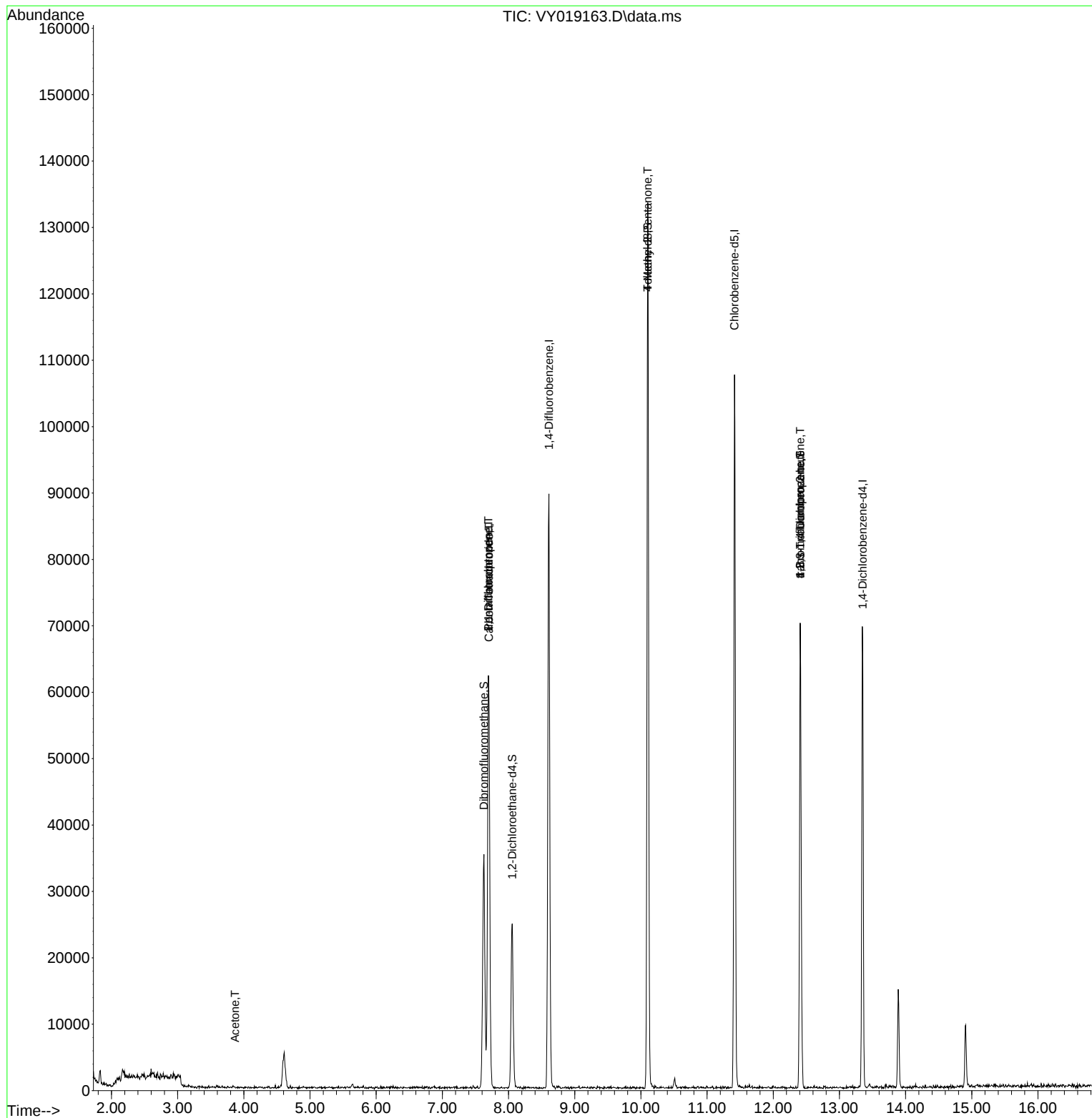
Internal Standards						
1) Pentafluorobenzene	7.695	168	49813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	78839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	58940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	18167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	18234	36.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	73.040%		
35) Dibromofluoromethane	7.628	113	24551	47.626	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.260%		
50) Toluene-d8	10.103	98	85010	45.825	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.660%		
62) 4-Bromofluorobenzene	12.408	95	19126	30.244	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	60.480%		
Target Compounds						
5) Bromomethane	2.604	94	46	Below Cal	#	45
6) Chloroethane	2.739	64	21	Below Cal	#	42
16) Acetone	3.866	43	216	2.333	ug/l #	36
20) Methylene Chloride	4.610	84	3970	Below Cal	#	89
31) Cyclohexane	7.695	56	1042	Below Cal	#	35
36) 1,1-Dichloropropene	7.695	75	4061	5.737	ug/l #	49
38) Carbon Tetrachloride	7.701	117	4825	5.882	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	397	1.179	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	10389	57.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	10389	143.209	ug/l #	16

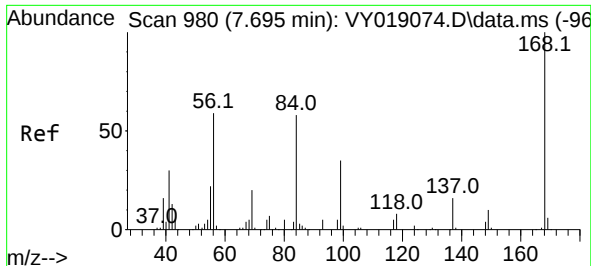
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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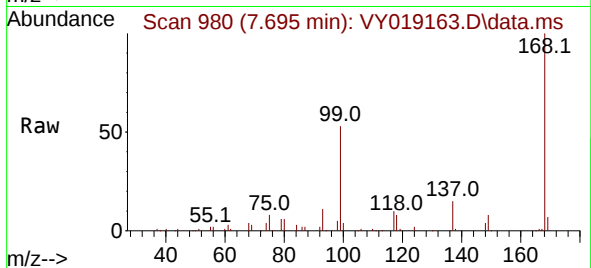
Quant Time: Aug 21 01:35:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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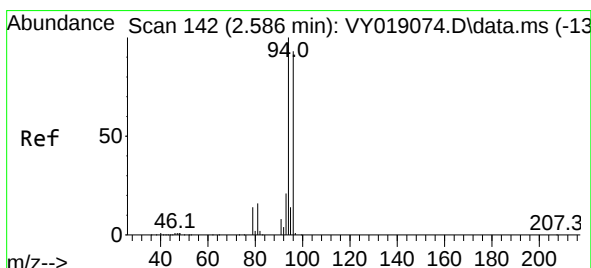
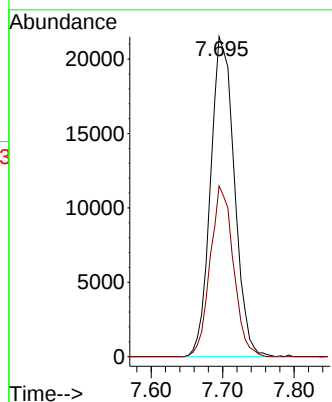
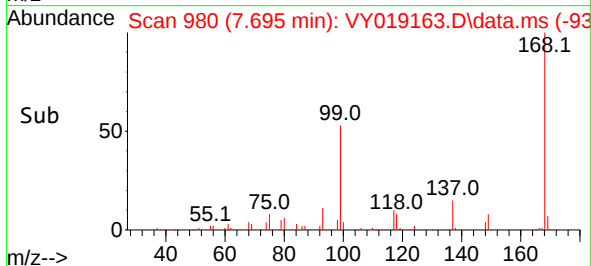


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Instrument :
MSVOA_Y
ClientSampleId :

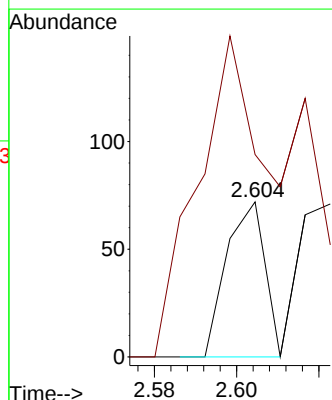
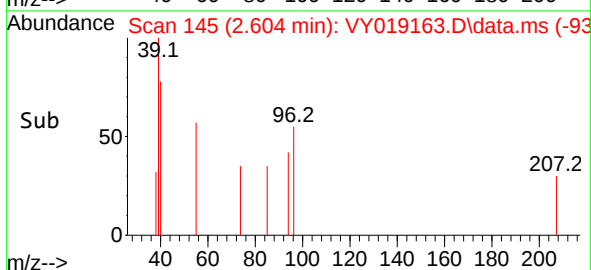
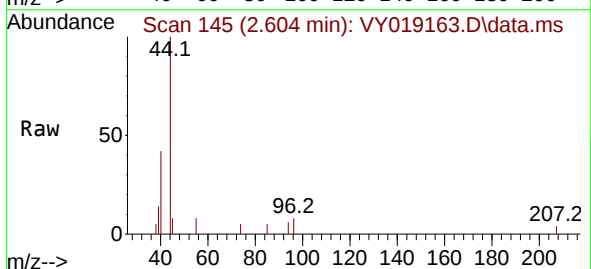


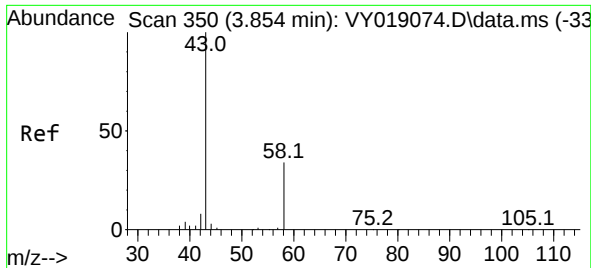
Tgt Ion:168 Resp: 49813
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Tgt Ion: 94 Resp: 46
Ion Ratio Lower Upper
94 100
96 40.3 74.1 111.1#





#16

Acetone

Concen: 2.333 ug/l

RT: 3.866 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

Instrument :

MSVOA_Y

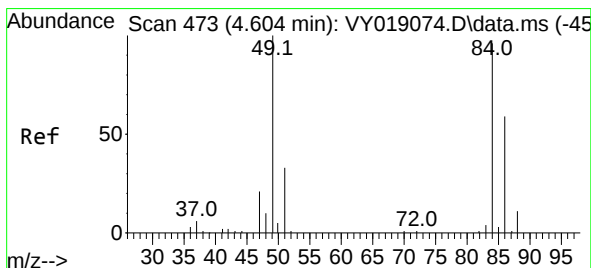
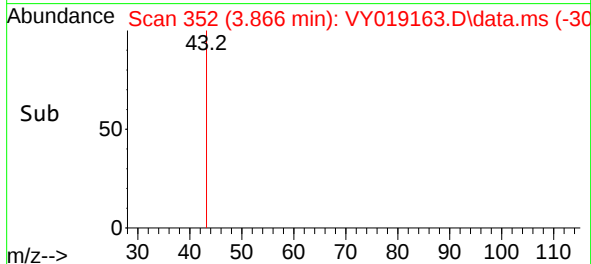
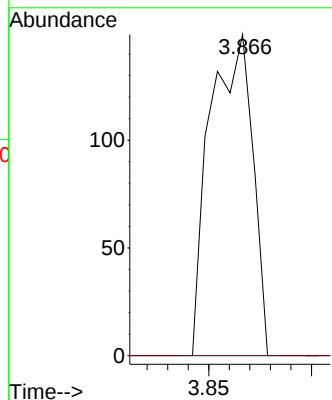
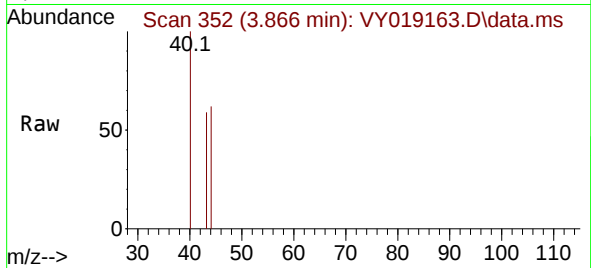
ClientSampleId :

Tgt Ion: 43 Resp: 216

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

Tgt Ion: 84 Resp: 3970

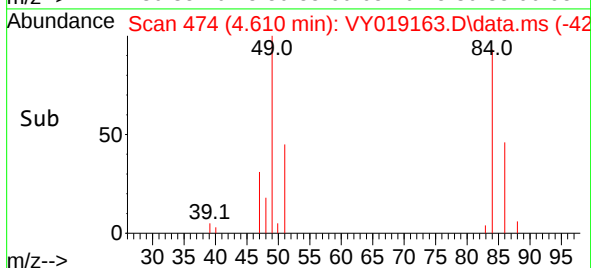
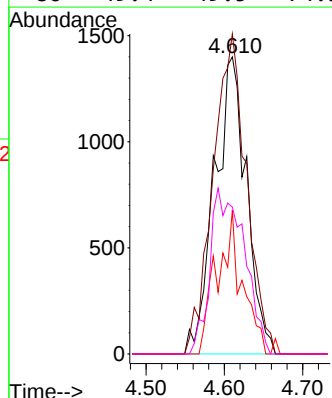
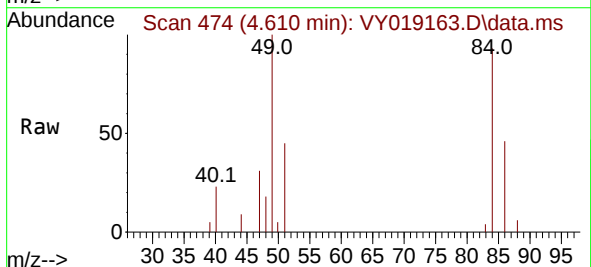
Ion Ratio Lower Upper

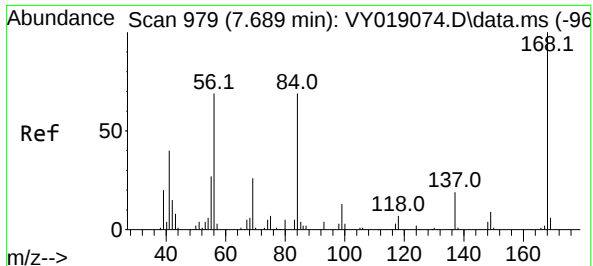
84 100

49 107.7 84.4 126.6

51 48.5 26.0 39.0#

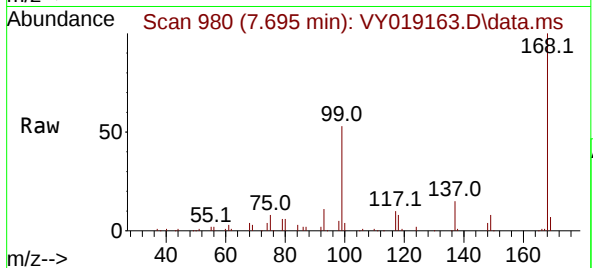
86 49.4 49.5 74.3#



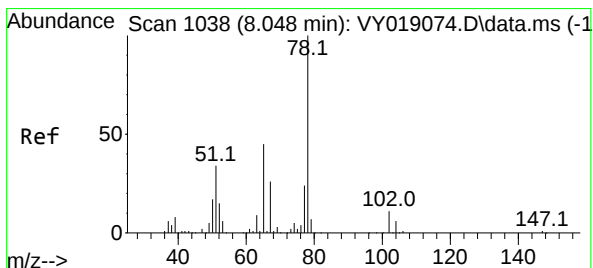
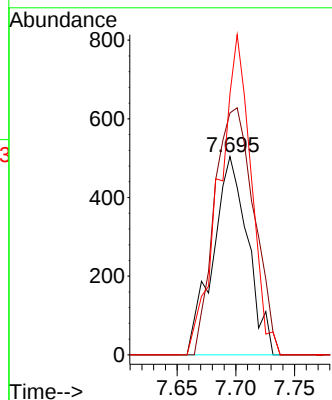
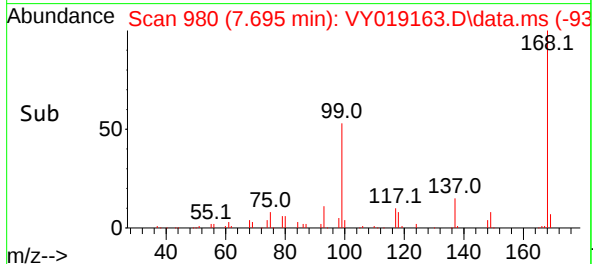


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Instrument :
MSVOA_Y
ClientSampleId :

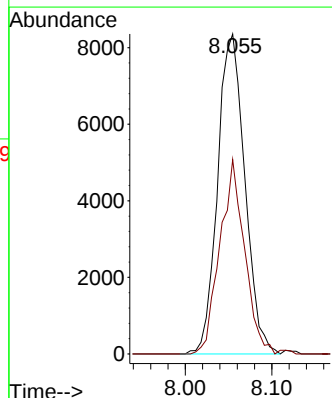
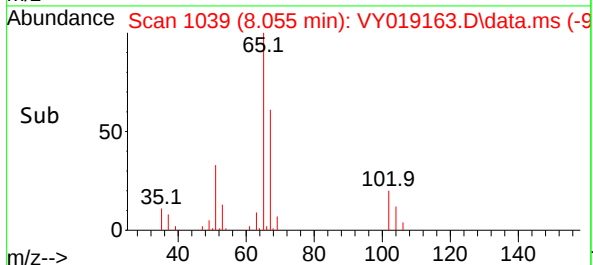
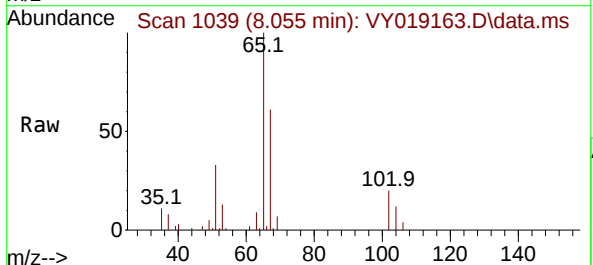


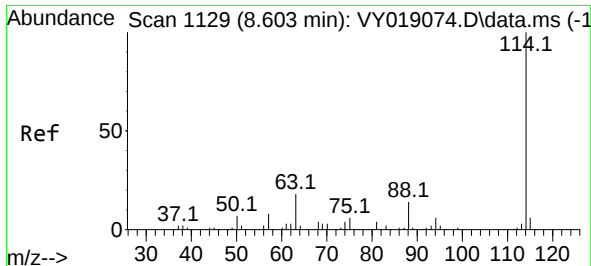
Tgt Ion: 56 Resp: 1042
Ion Ratio Lower Upper
56 100
69 122.0 28.7 43.1#
84 131.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 36.516 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Tgt Ion: 65 Resp: 18234
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

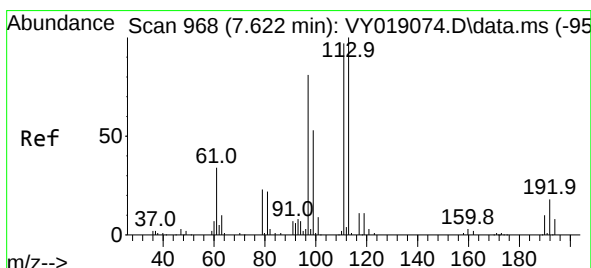
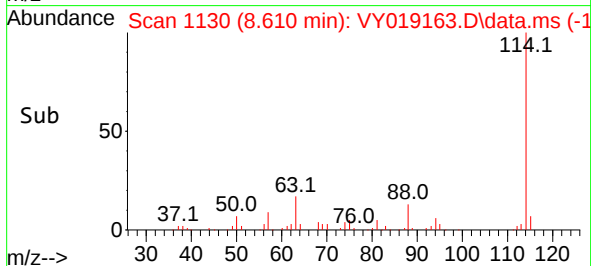
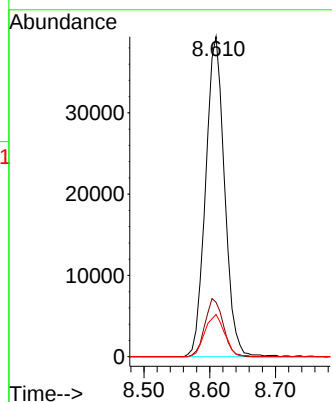
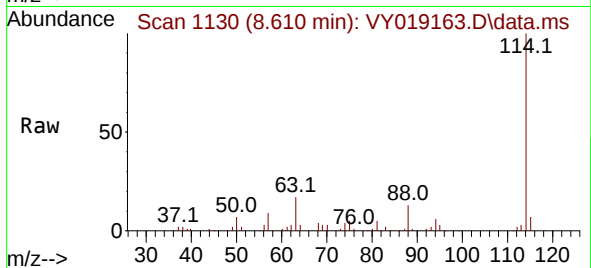
Tgt Ion:114 Resp: 78839

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.626 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

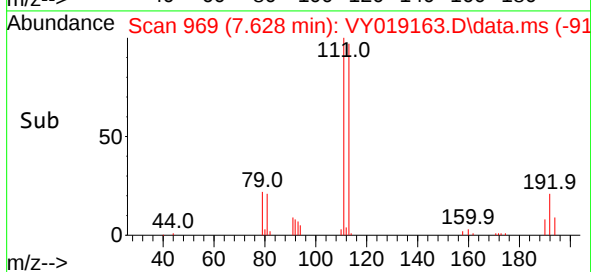
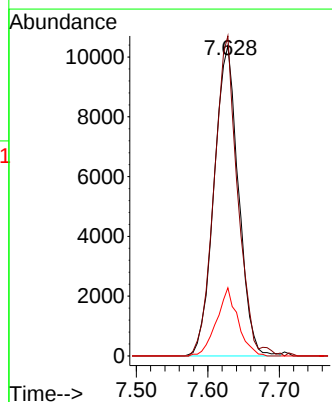
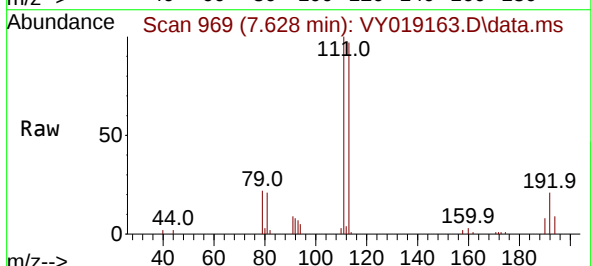
Tgt Ion:113 Resp: 24551

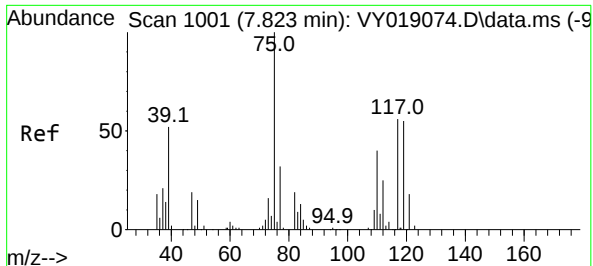
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.4

192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.737 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

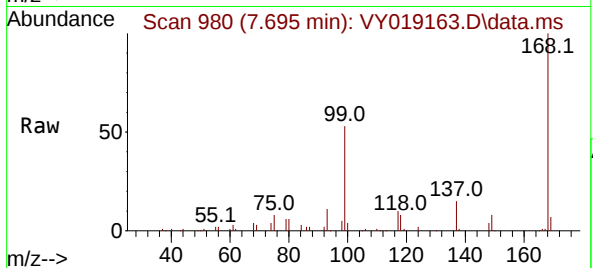
Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

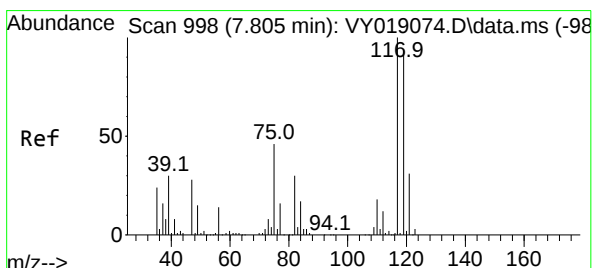
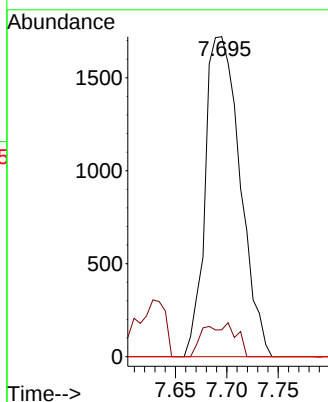
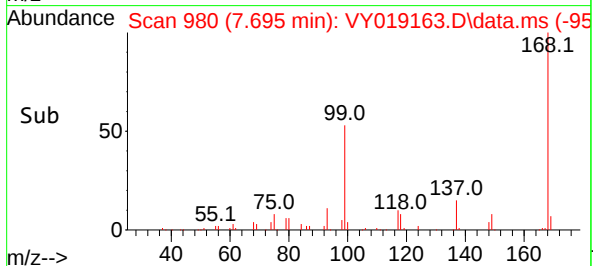
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 4061
Ion Ratio	Lower Upper
75	100
110	9.8 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.882 ug/l

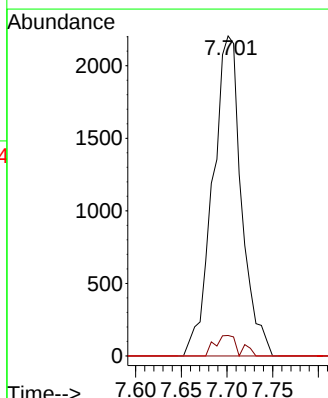
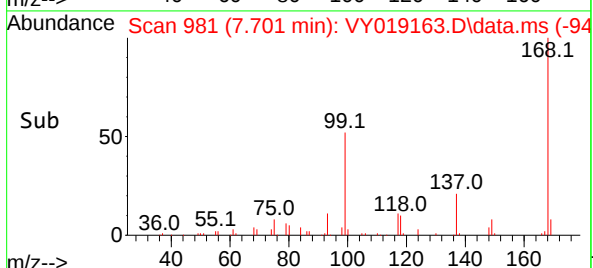
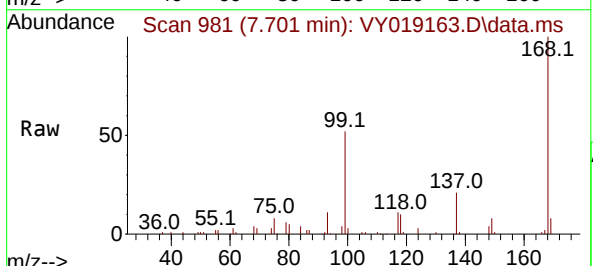
RT: 7.701 min Scan# 981

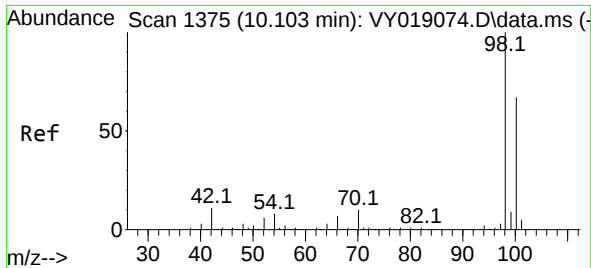
Delta R.T. -0.103 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

Tgt Ion: 117	Resp: 4825
Ion Ratio	Lower Upper
117	100
119	6.4 75.8 113.6#
121	0.0 24.0 36.0#

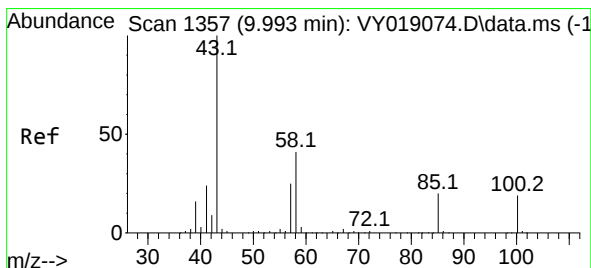
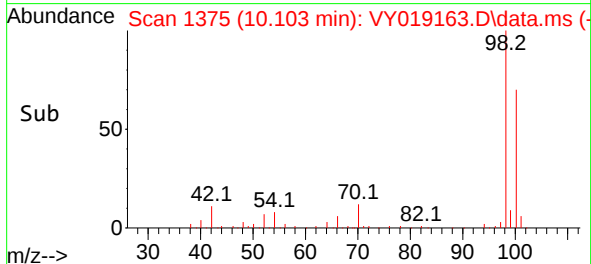
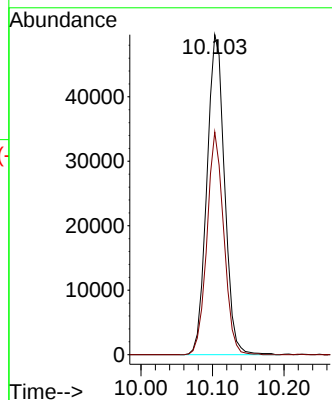
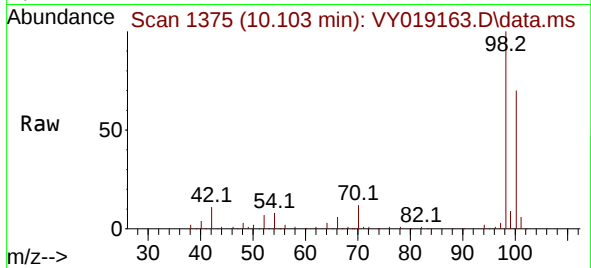




#50
Toluene-d8
Concen: 45.825 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

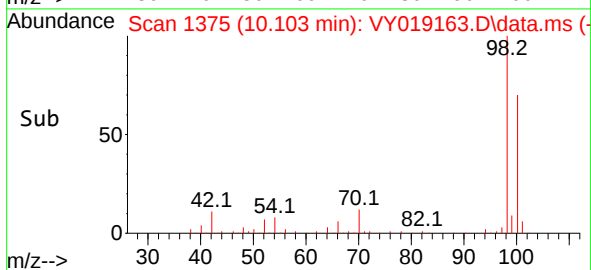
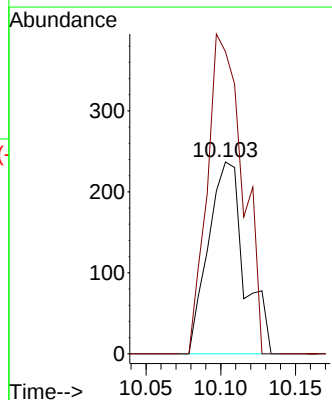
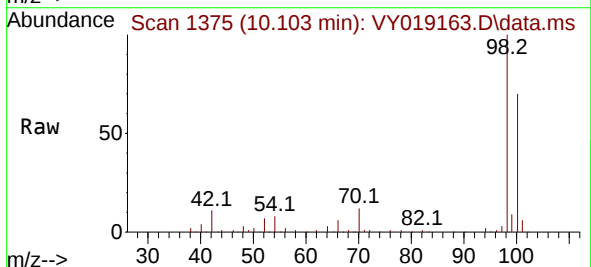
Instrument :
MSVOA_Y
ClientSampleId :

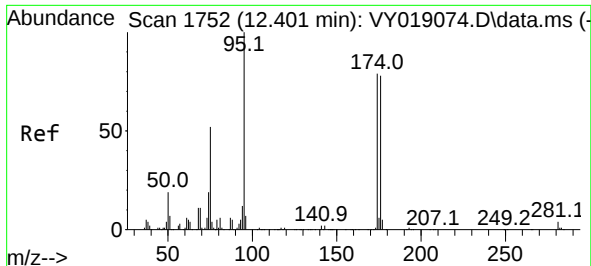
Tgt Ion: 98 Resp: 85010
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.179 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 164.0 35.7 53.5#

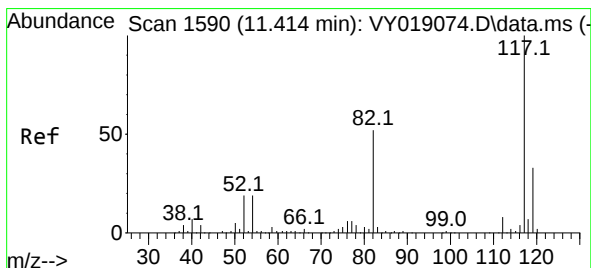
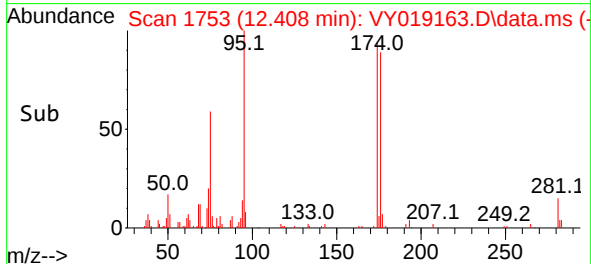
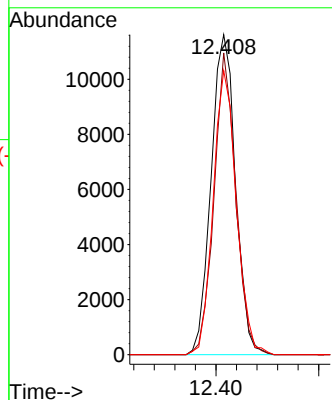
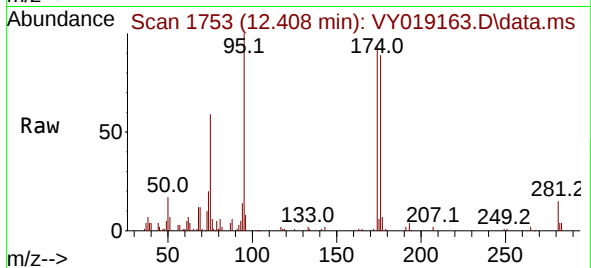




#62
4-Bromofluorobenzene
Concen: 30.244 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

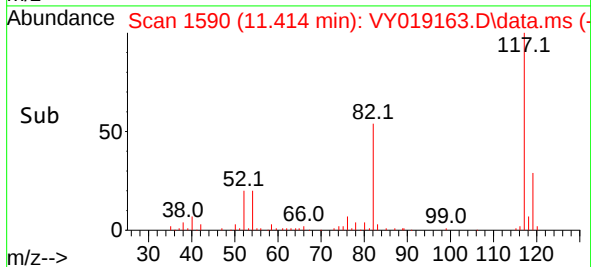
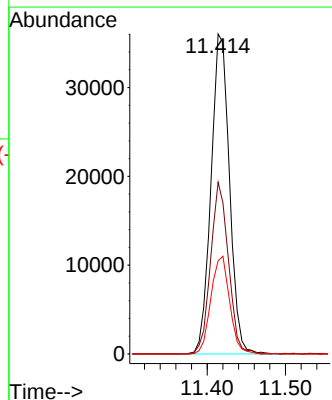
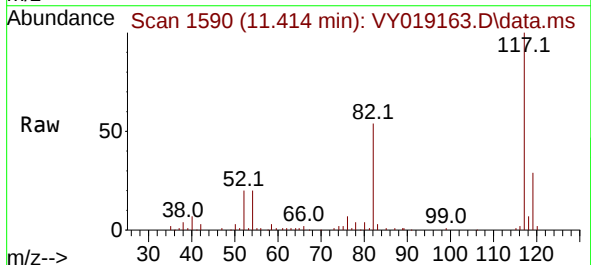
Instrument :
MSVOA_Y
ClientSampleId :

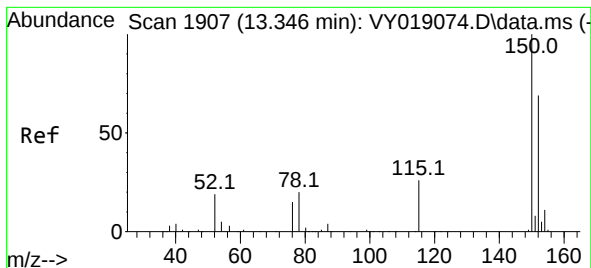
Tgt Ion: 95 Resp: 19126
Ion Ratio Lower Upper
95 100
174 84.2 0.0 175.6
176 84.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019163.D
Acq: 20 Aug 2024 20:06

Tgt Ion: 117 Resp: 58940
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 29.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY019163.D

Acq: 20 Aug 2024 20:06

Instrument :

MSVOA_Y

ClientSampleId :

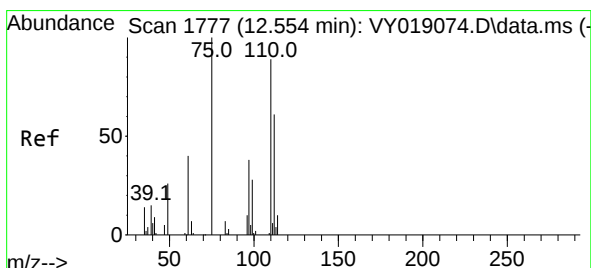
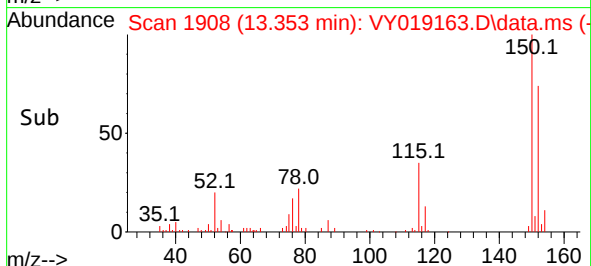
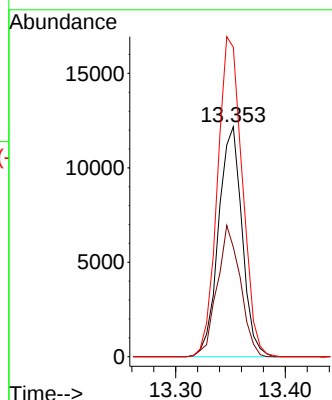
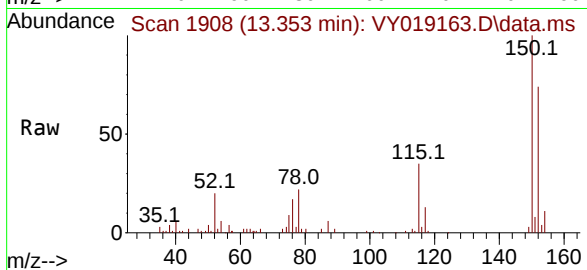
Tgt Ion:152 Resp: 18167

Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.7

150 146.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.987 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019163.D

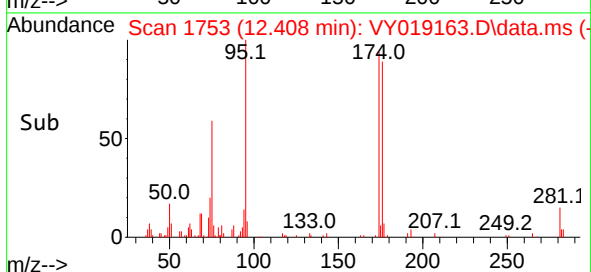
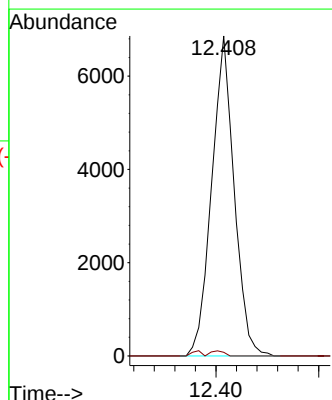
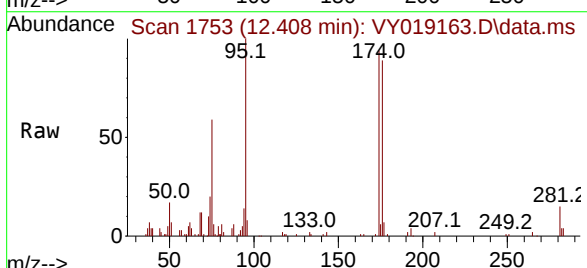
Acq: 20 Aug 2024 20:06

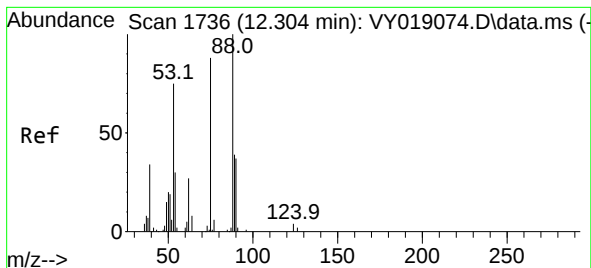
Tgt Ion: 75 Resp: 10389

Ion Ratio Lower Upper

75 100

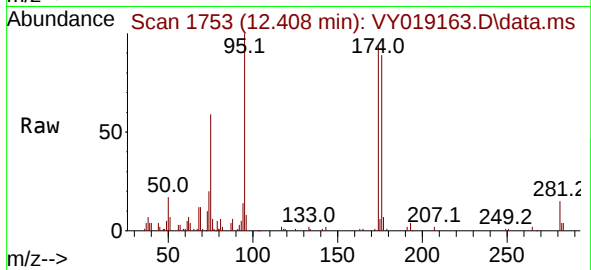
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.209 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019163.D
 Acq: 20 Aug 2024 20:06

Instrument :
 MSVOA_Y
 ClientSampleId :



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

