

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019081.D
 Acq On : 16 Aug 2024 09:37
 Operator : SY/MD
 Sample : VY0816SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 23:09:38 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	105645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	197941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	180794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	55679	52.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.622	113	62408	48.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.103	98	218559	46.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.408	95	71555	45.067	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.140%

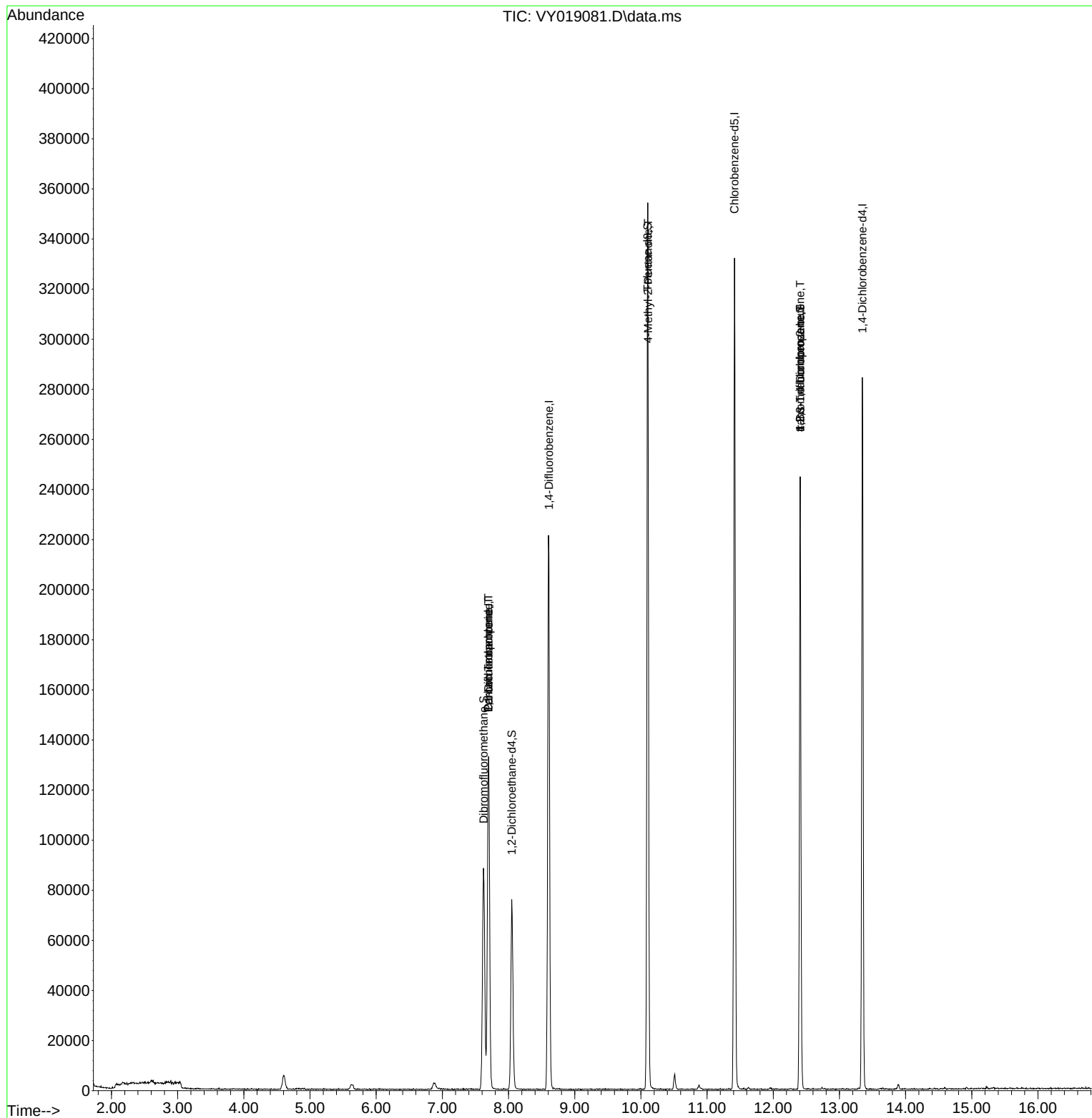
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.604	94	488	Below Cal		84
6) Chloroethane	2.702	64	24	Below Cal	#	42
11) Tert butyl alcohol	4.824	59	384	Below Cal	#	88
20) Methylene Chloride	4.604	84	4016	Below Cal		92
31) Cyclohexane	7.701	56	2250	Below Cal	#	1
36) 1,1-Dichloropropene	7.695	75	7971	4.485	ug/l #	49
38) Carbon Tetrachloride	7.695	117	10543	5.119	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	983	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	35911	53.115	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	35911	131.177	ug/l #	16

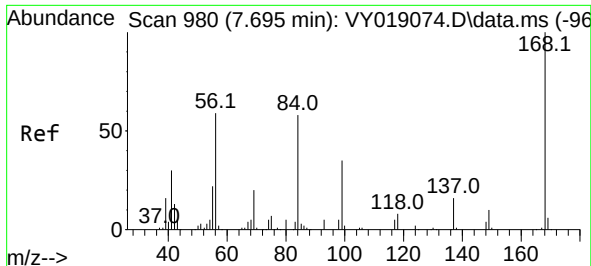
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
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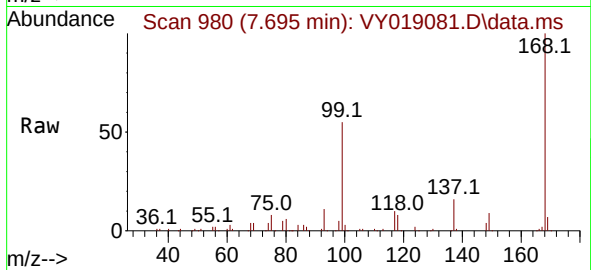
Quant Time: Aug 16 23:09:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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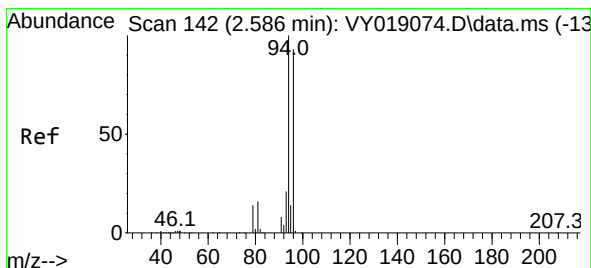
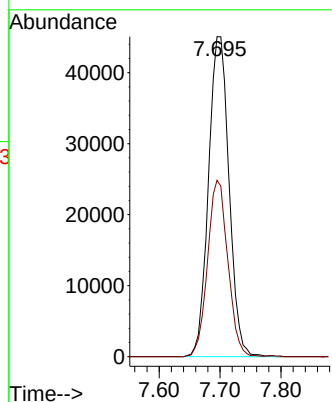
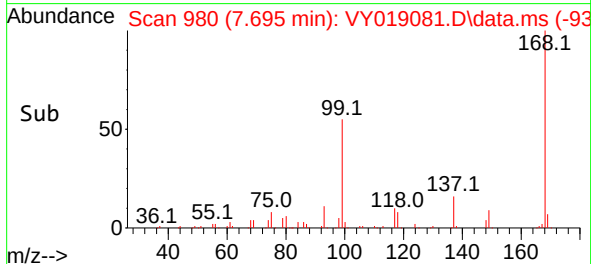


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Instrument :
MSVOA_Y
ClientSampleId :

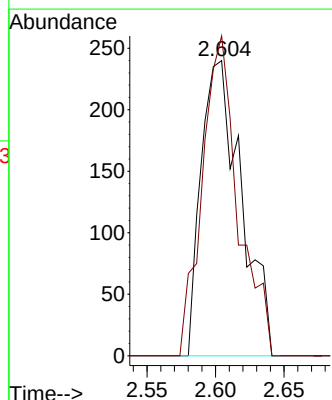
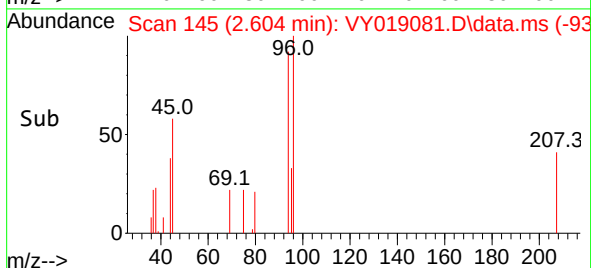
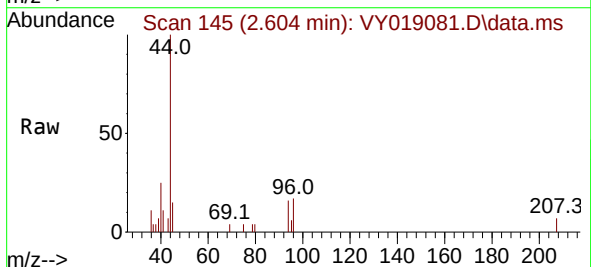


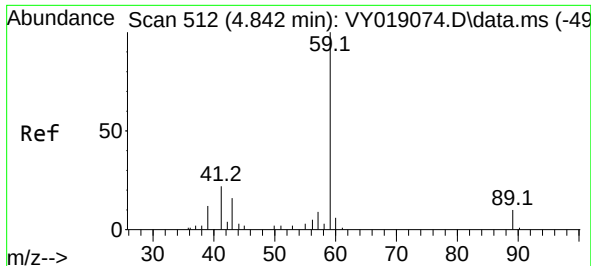
Tgt Ion:168 Resp: 105645
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 108.3 74.1 111.1

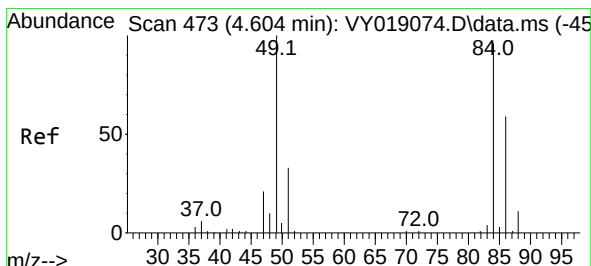
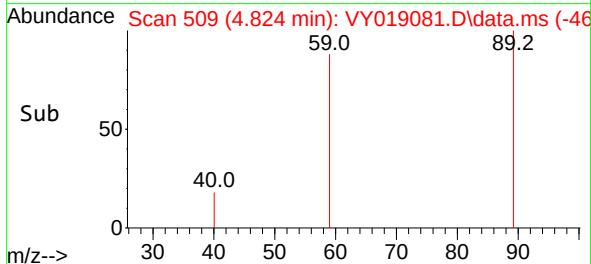
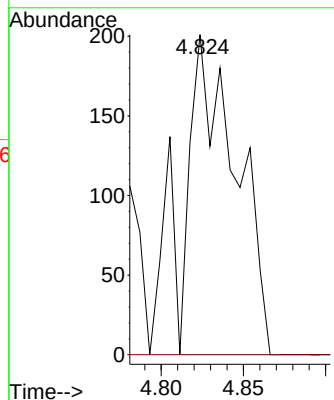
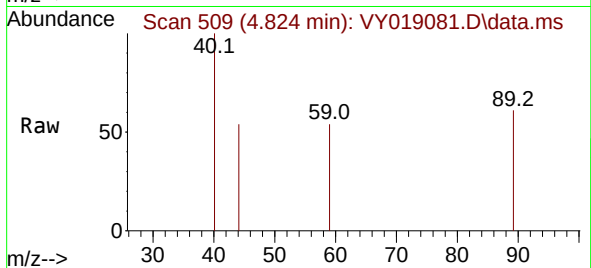




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.824 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

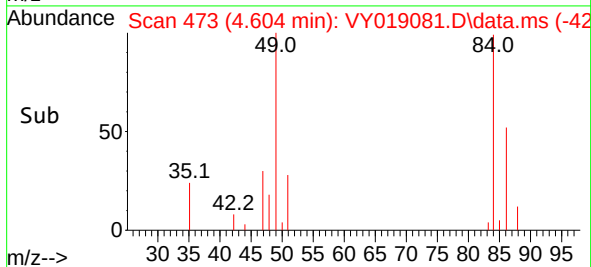
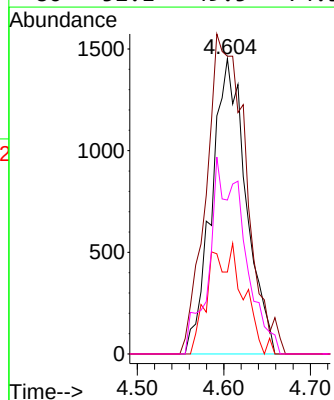
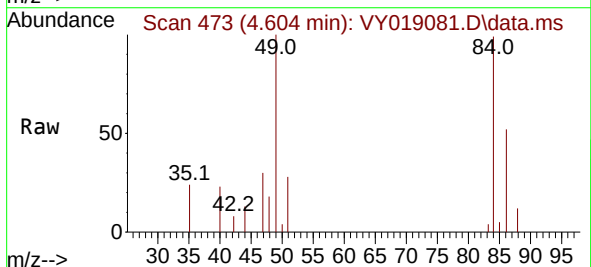
Instrument :
MSVOA_Y
ClientSampleId :

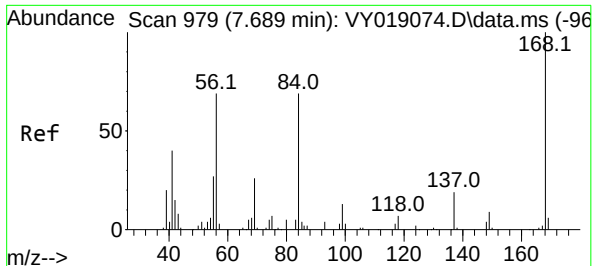
Tgt Ion: 59 Resp: 384
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

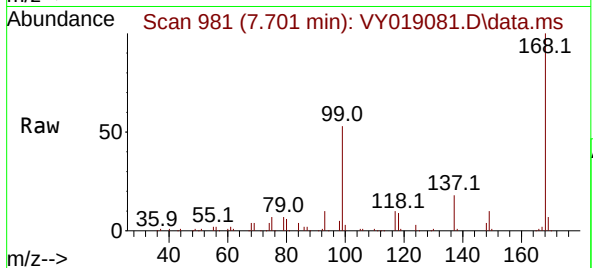
Tgt Ion: 84 Resp: 4016
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 27.7 26.0 39.0
86 52.1 49.5 74.3



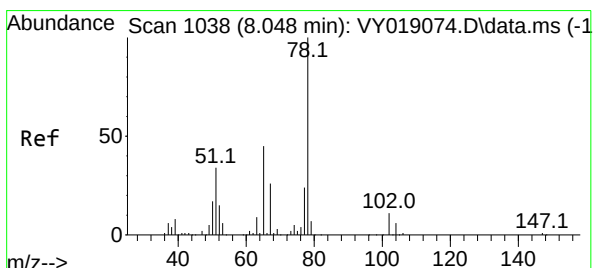
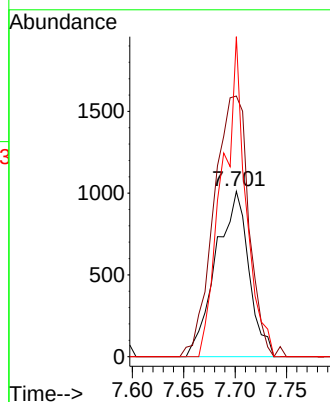
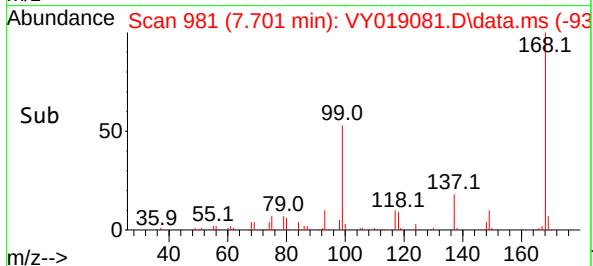


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Instrument :
MSVOA_Y
ClientSampleId :

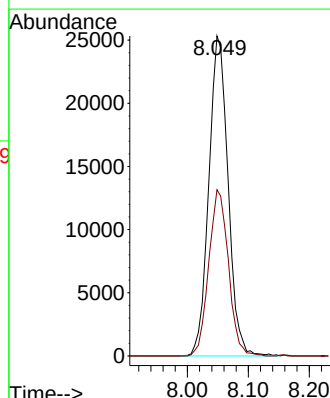
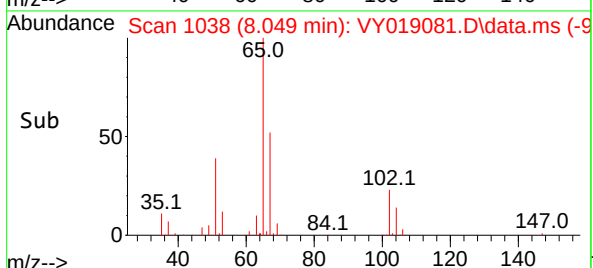
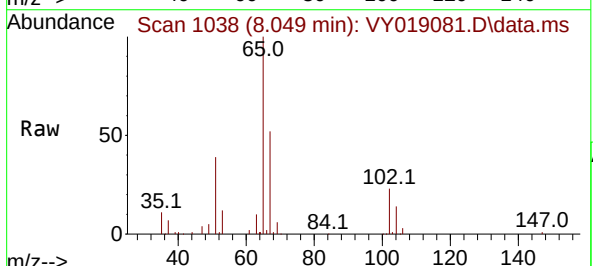


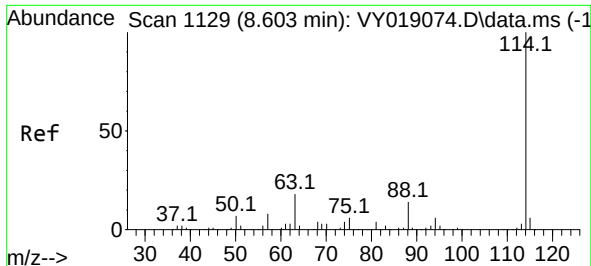
Tgt Ion: 56 Resp: 2250
Ion Ratio Lower Upper
56 100
69 157.7 28.7 43.1#
84 193.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.577 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 65 Resp: 55679
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

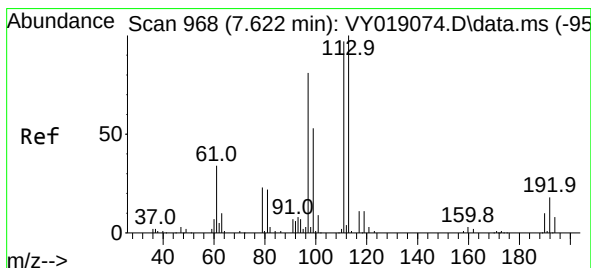
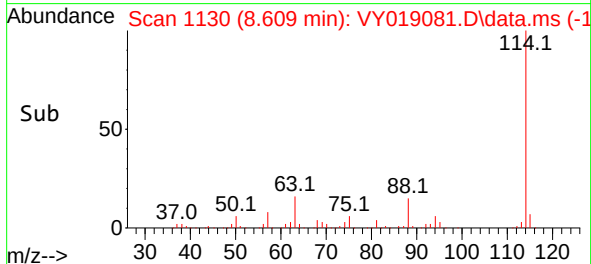
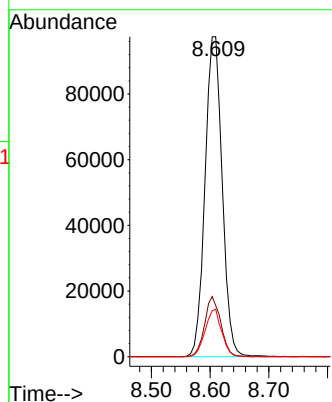
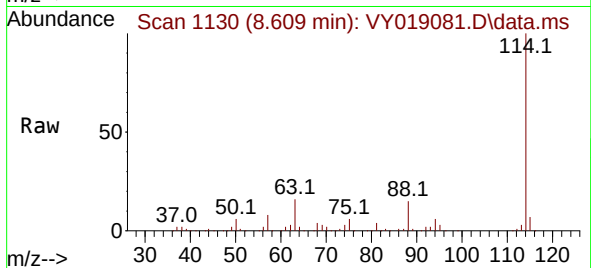




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

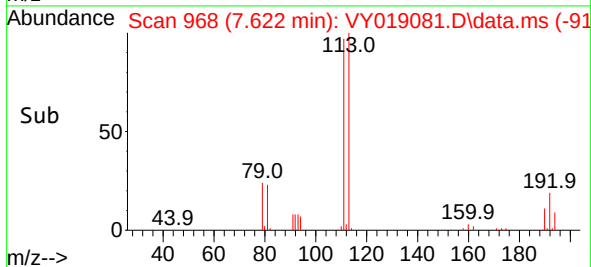
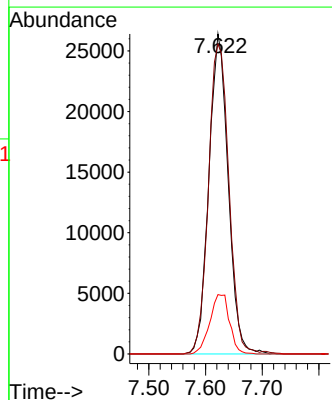
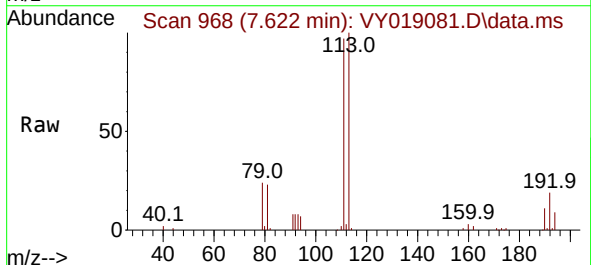
Instrument :
MSVOA_Y
ClientSampleId :

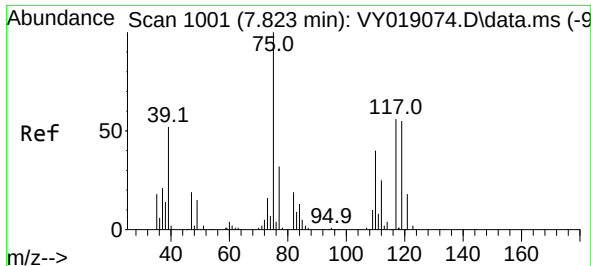
Tgt Ion:114 Resp: 197941
Ion Ratio Lower Upper
114 100
63 15.9 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.219 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion:113 Resp: 62408
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 19.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY019081.D

Acq: 16 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

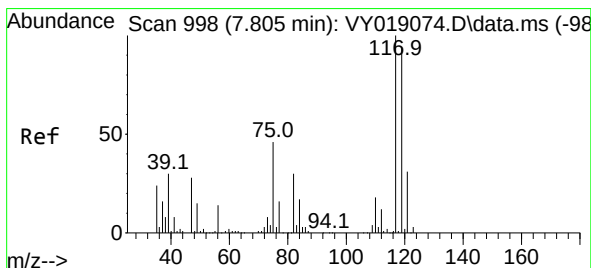
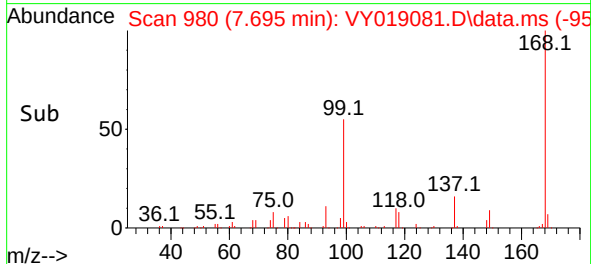
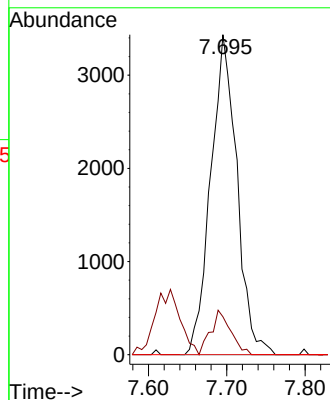
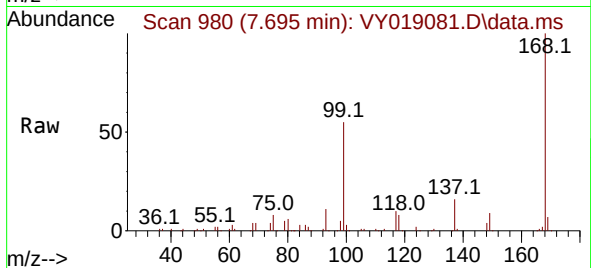
Tgt Ion: 75 Resp: 7971

Ion Ratio Lower Upper

75 100

110 10.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.119 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.109 min

Lab File: VY019081.D

Acq: 16 Aug 2024 09:37

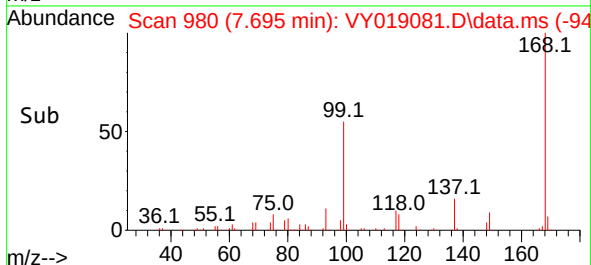
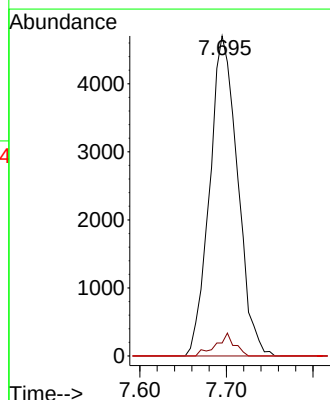
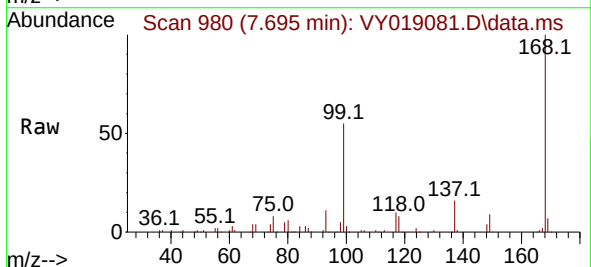
Tgt Ion: 117 Resp: 10543

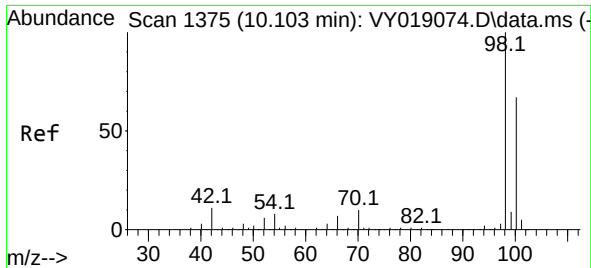
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.0 36.0#

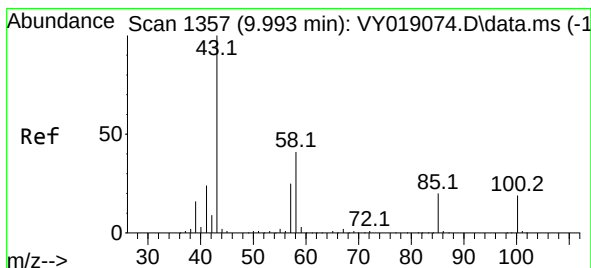
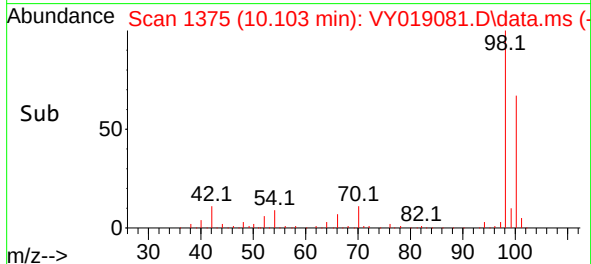
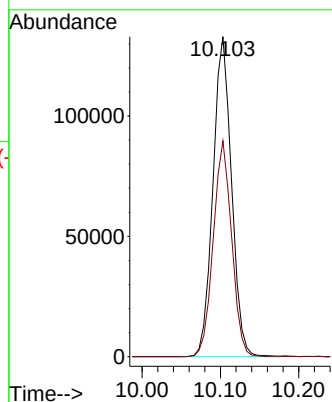
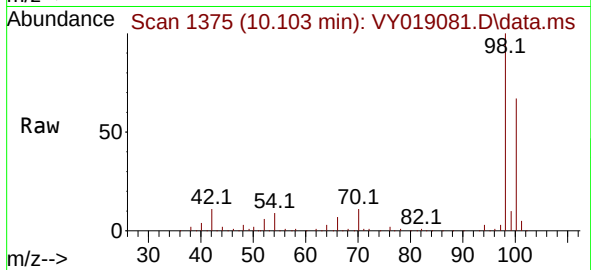




#50
Toluene-d8
Concen: 46.925 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

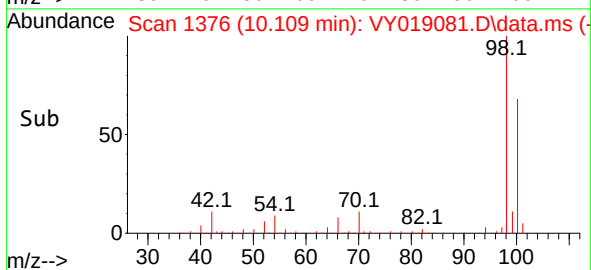
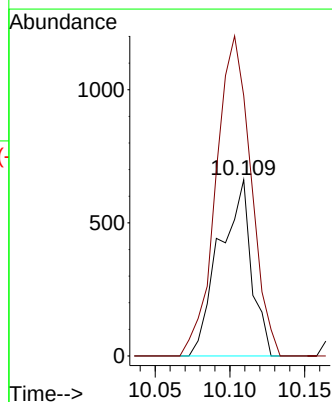
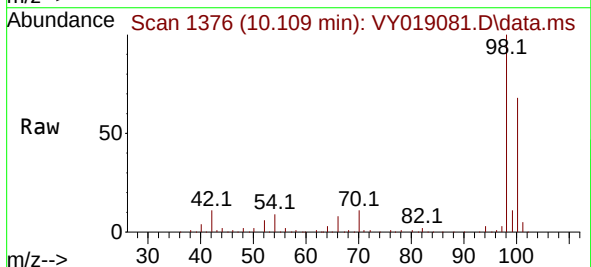
Instrument :
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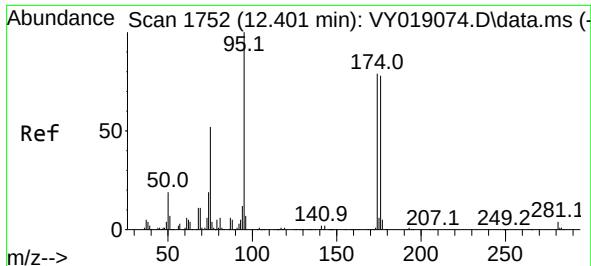
Tgt Ion: 98 Resp: 218559
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.163 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
58 198.7 35.7 53.5#

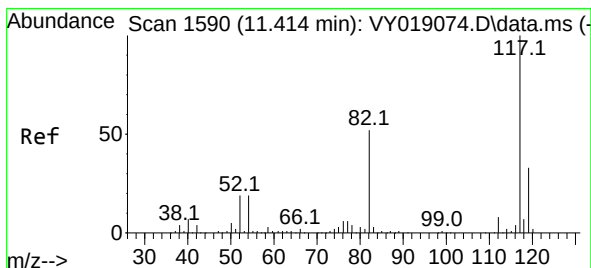
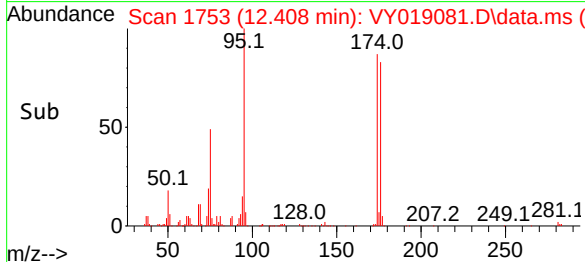
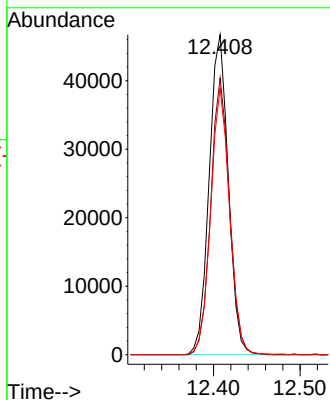
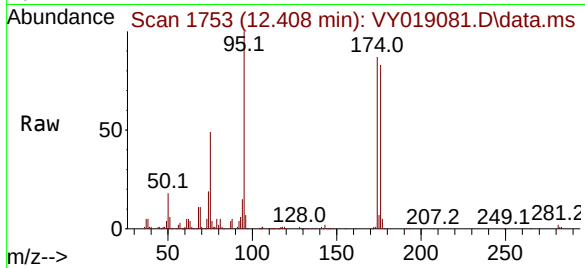




#62
4-Bromofluorobenzene
Concen: 45.067 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

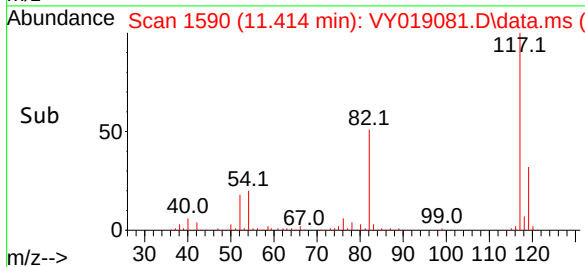
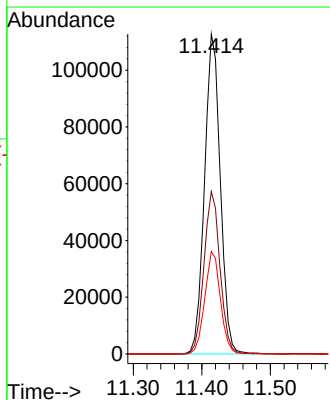
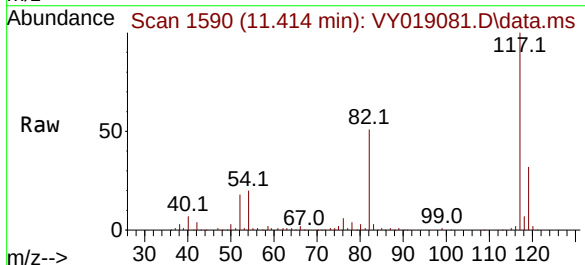
Instrument :
MSVOA_Y
ClientSampleId :

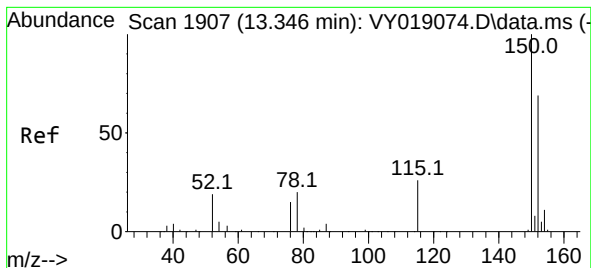
Tgt Ion: 95 Resp: 71555
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 82.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 117 Resp: 180794
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.0 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: VY019081.D

Acq: 16 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

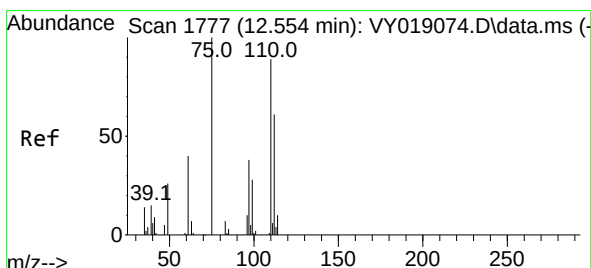
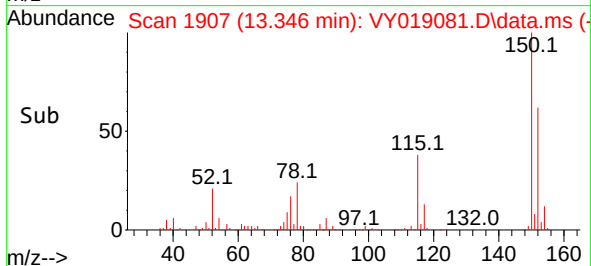
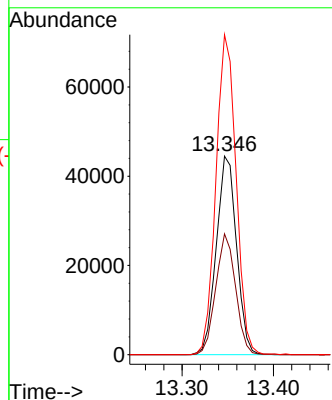
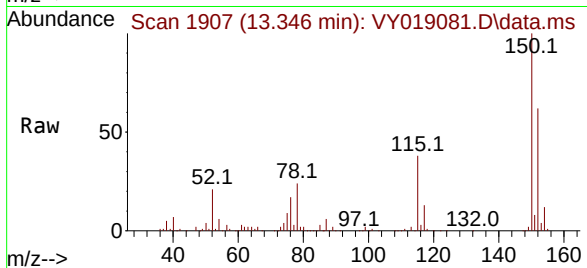
Tgt Ion:152 Resp: 68557

Ion Ratio Lower Upper

152 100

115 59.5 28.2 84.7

150 160.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.115 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019081.D

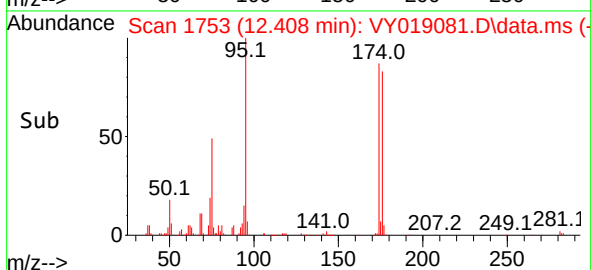
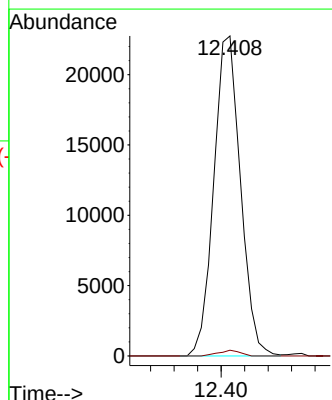
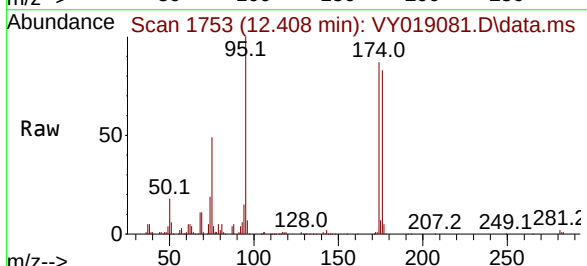
Acq: 16 Aug 2024 09:37

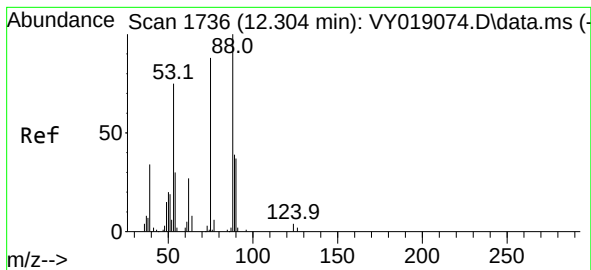
Tgt Ion: 75 Resp: 35911

Ion Ratio Lower Upper

75 100

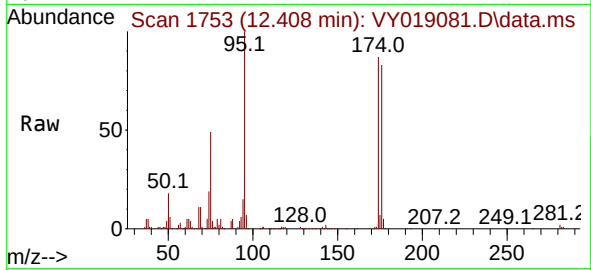
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.177 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019081.D
 Acq: 16 Aug 2024 09:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

