

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019232.D
 Acq On : 22 Aug 2024 19:59
 Operator : SY/MD
 Sample : P3670-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:57:37 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)

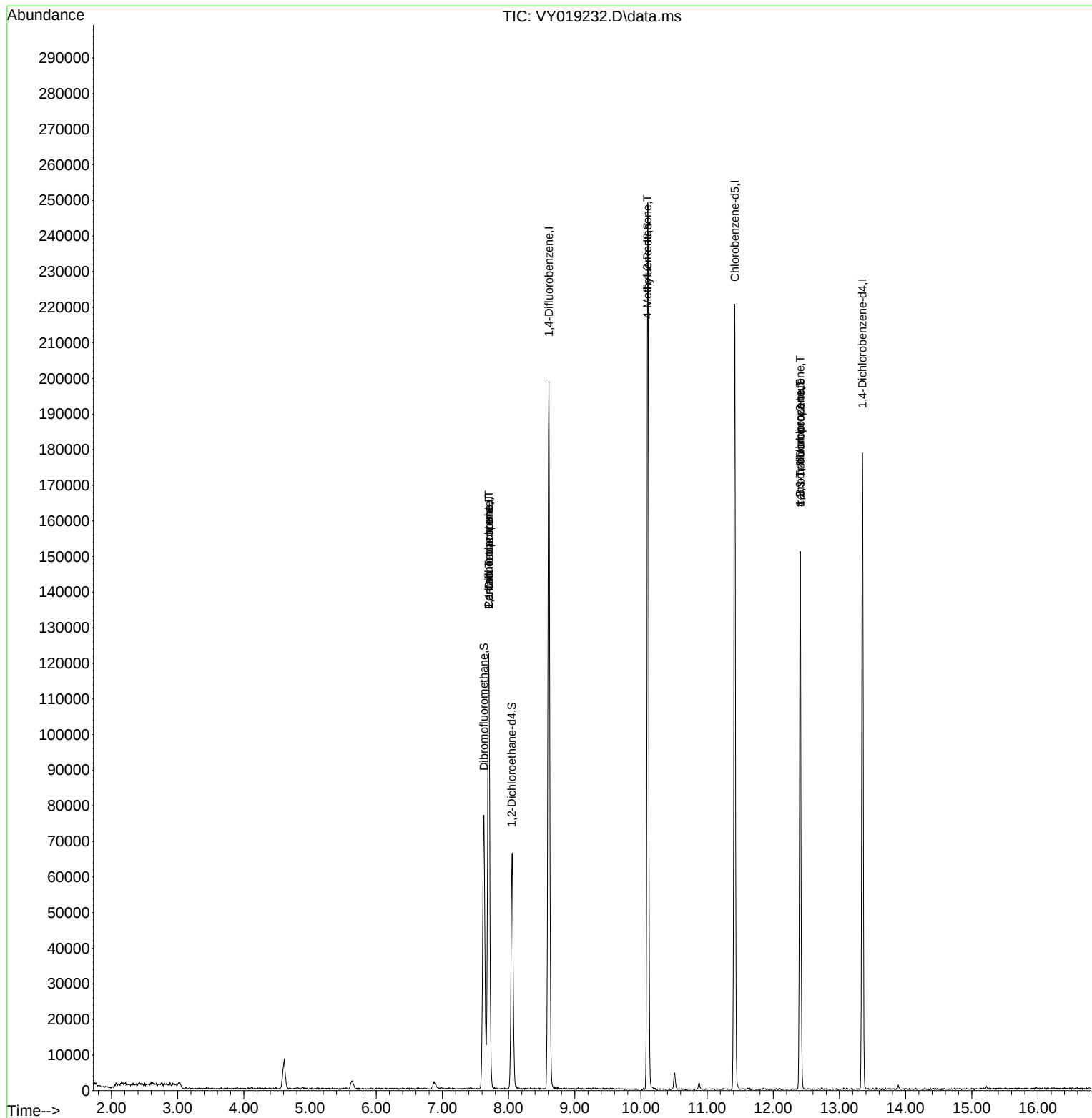
Internal Standards						
1) Pentafluorobenzene	7.701	168	95400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	170661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	43602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	52228	54.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.628	113	53634	48.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.103	98	159330	39.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.360%	
62) 4-Bromofluorobenzene	12.407	95	42873	31.318	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 62.640%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	43	Below Cal	#	3
11) Tert butyl alcohol	4.854	59	37	Below Cal	#	88
20) Methylene Chloride	4.610	84	5110	Below Cal	#	91
31) Cyclohexane	7.689	56	2065	Below Cal	#	46
36) 1,1-Dichloropropene	7.701	75	7458	4.867	ug/l #	50
38) Carbon Tetrachloride	7.701	117	9896	5.573	ug/l #	15
51) 4-Methyl-2-Pentanone	10.097	43	800	1.098	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	23182	53.912	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	23182	133.145	ug/l #	16

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

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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

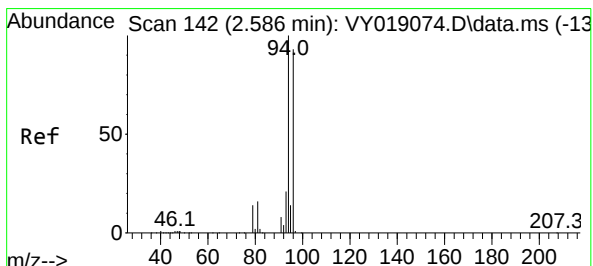
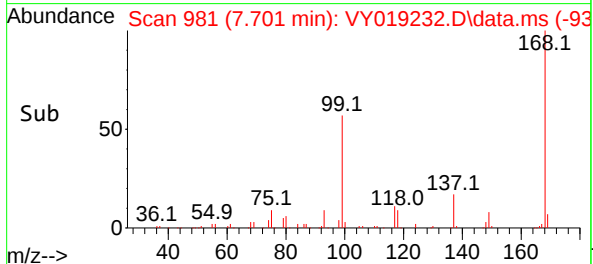
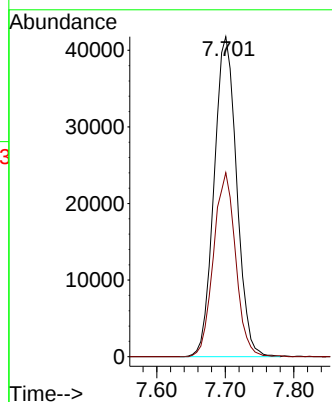
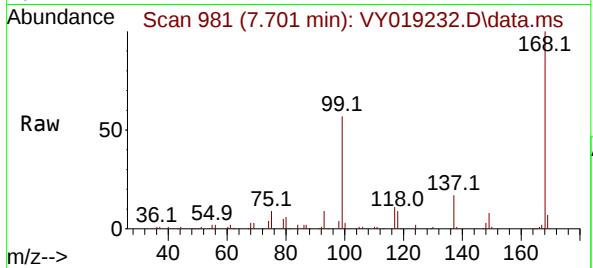




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

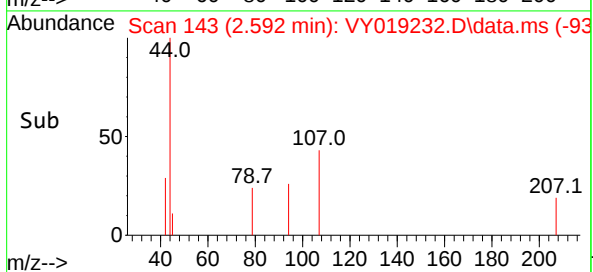
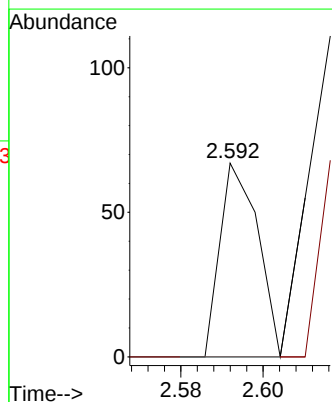
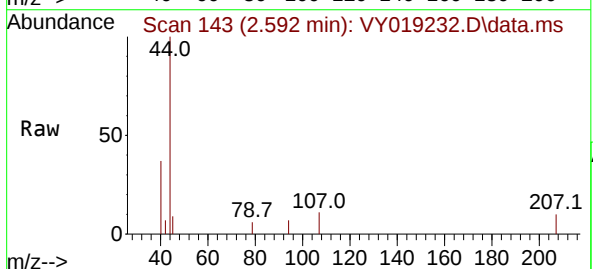
Instrument :
MSVOA_Y
ClientSampleId :

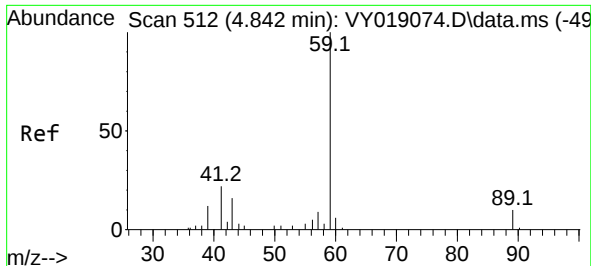
Tgt Ion:168 Resp: 95400
Ion Ratio Lower Upper
168 100
99 57.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.854 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

Instrument :

MSVOA_Y

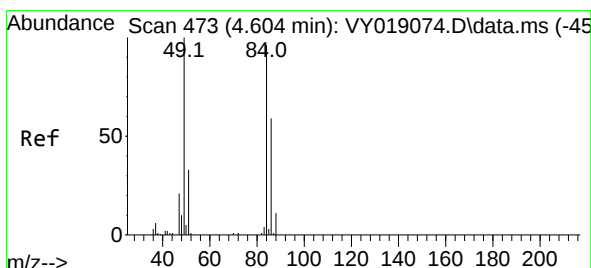
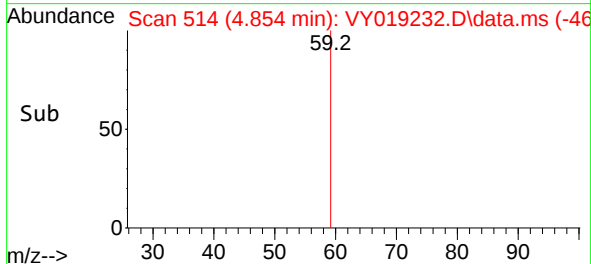
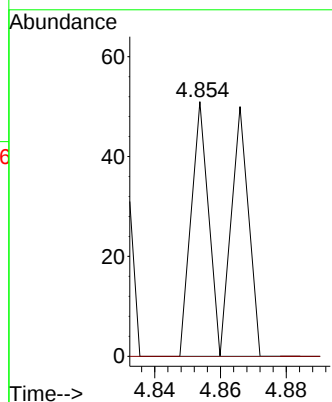
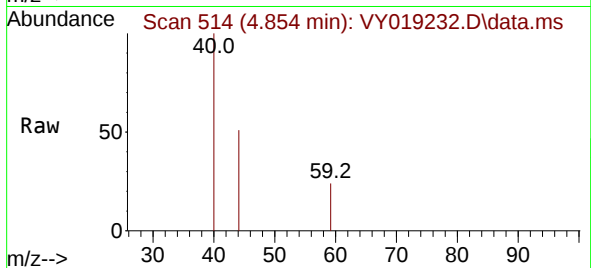
ClientSampleId :

Tgt Ion: 59 Resp: 37

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

Tgt Ion: 84 Resp: 5110

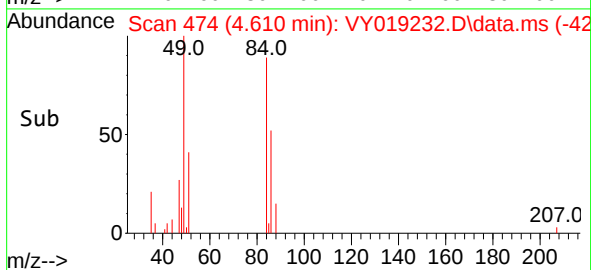
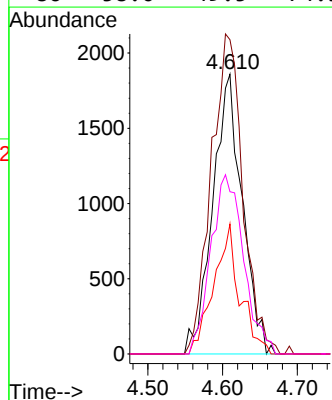
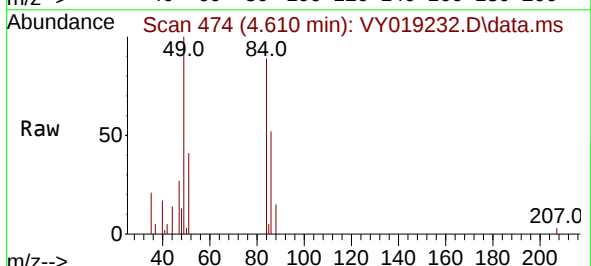
Ion Ratio Lower Upper

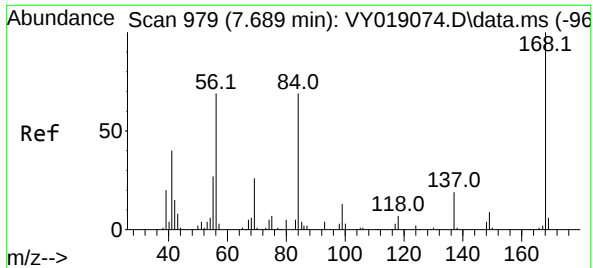
84 100

49 112.4 84.4 126.6

51 46.4 26.0 39.0#

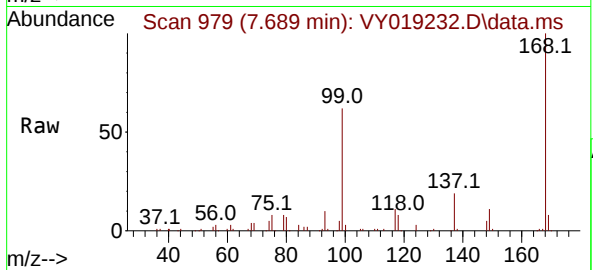
86 58.0 49.5 74.3



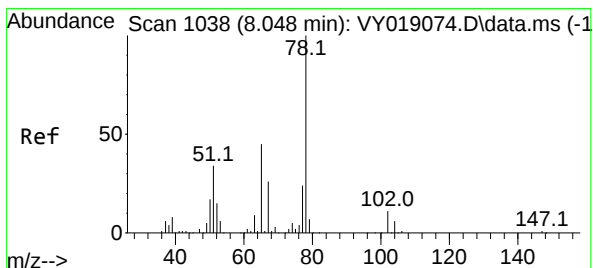
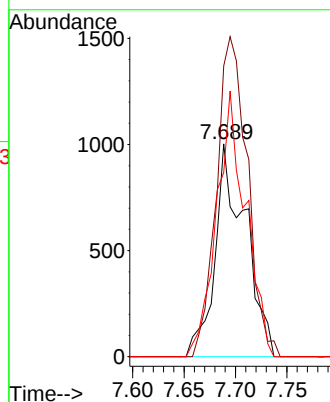
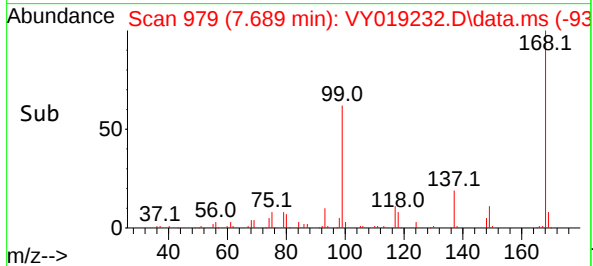


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Instrument :
MSVOA_Y
ClientSampleId :

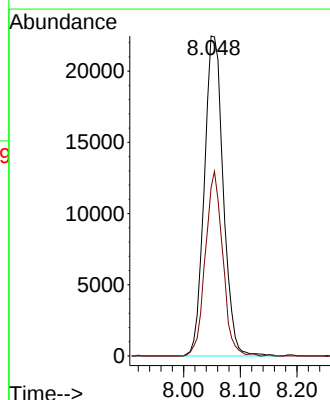
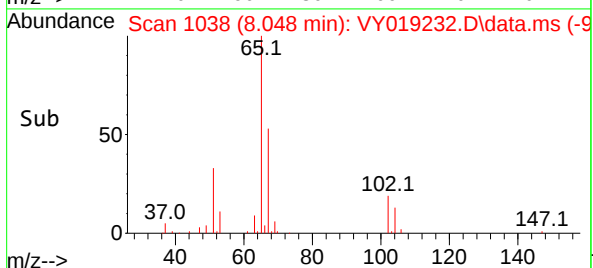
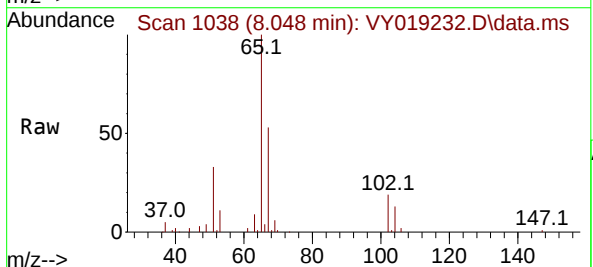


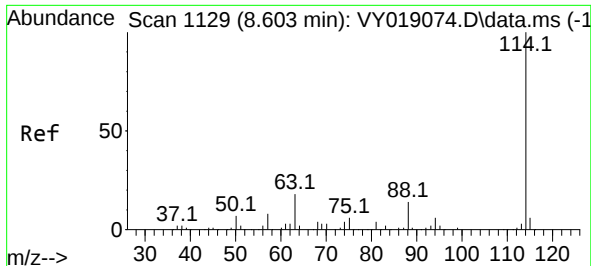
Tgt Ion: 56 Resp: 2065
Ion Ratio Lower Upper
56 100
69 136.6 28.7 43.1#
84 86.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 54.614 ug/l
RT: 8.048 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Tgt Ion: 65 Resp: 52228
Ion Ratio Lower Upper
65 100
67 52.9 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: VY019232.D

Acq: 22 Aug 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

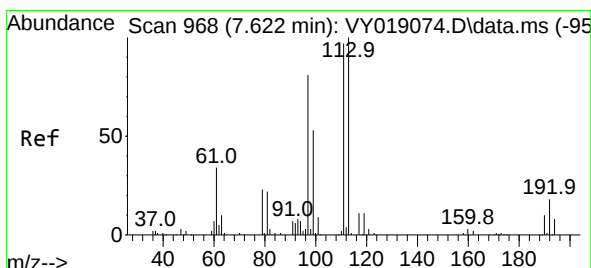
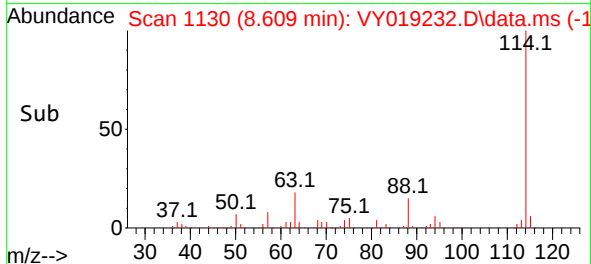
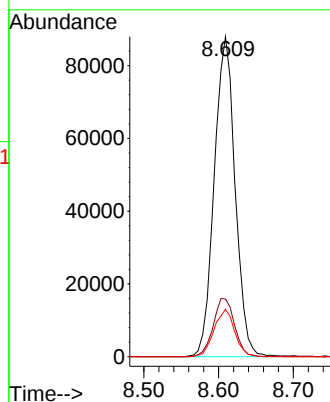
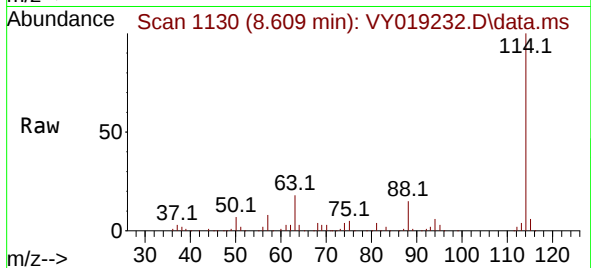
Tgt Ion:114 Resp: 170661

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.064 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

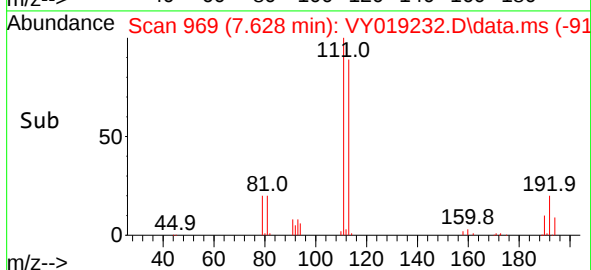
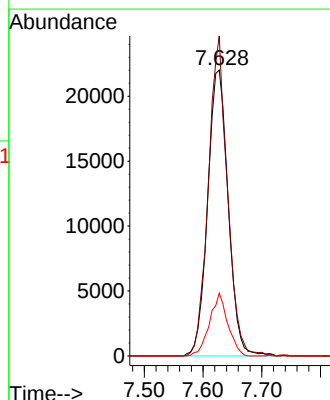
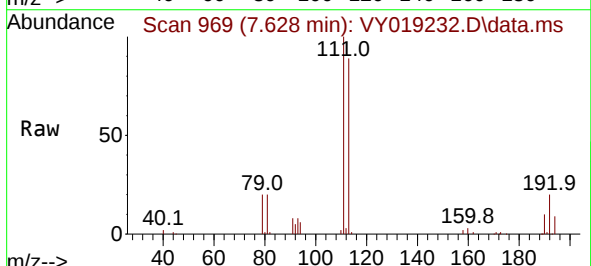
Tgt Ion:113 Resp: 53634

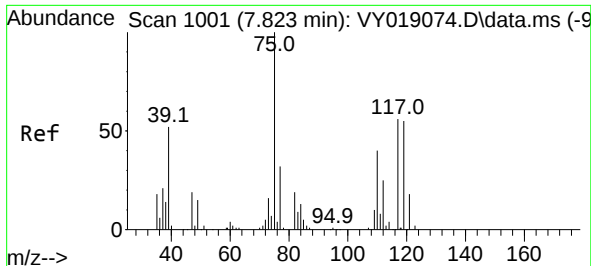
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.867 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY019232.D

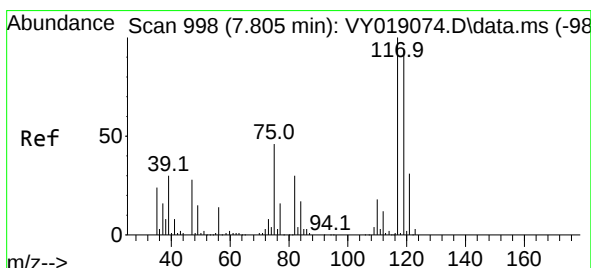
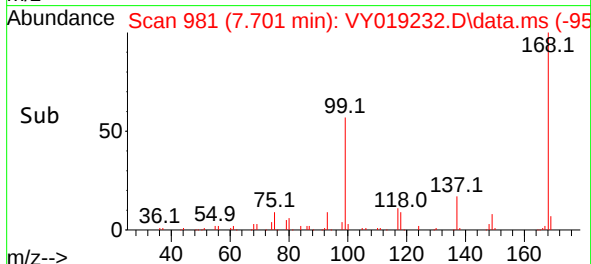
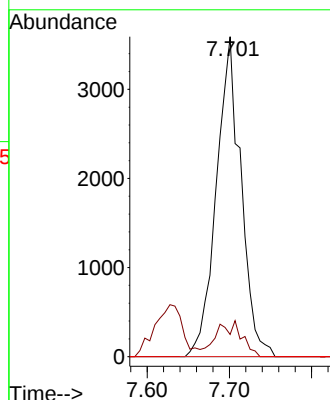
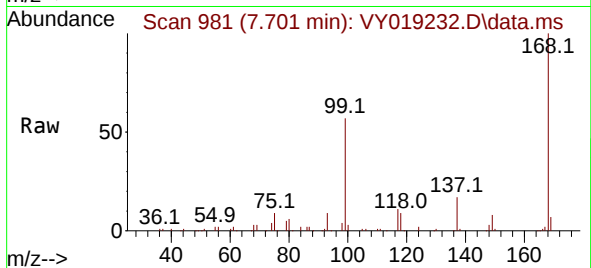
Acq: 22 Aug 2024 19:59

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 7458
Ion Ratio	Lower Upper
75 100	
110 11.6	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.573 ug/l

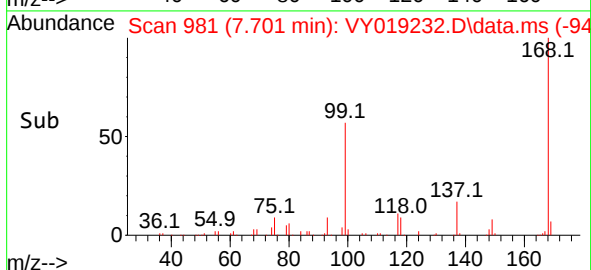
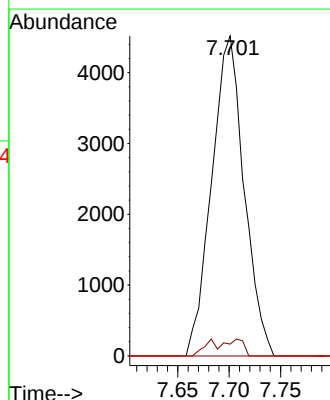
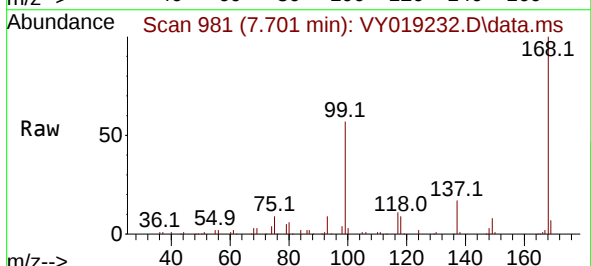
RT: 7.701 min Scan# 981

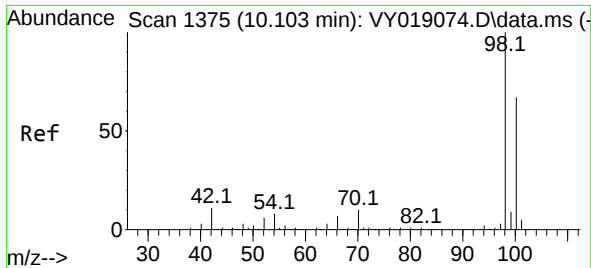
Delta R.T. -0.104 min

Lab File: VY019232.D

Acq: 22 Aug 2024 19:59

Tgt Ion: 117	Resp: 9896
Ion Ratio	Lower Upper
117 100	
119 3.7	75.8 113.6#
121 0.0	24.0 36.0#

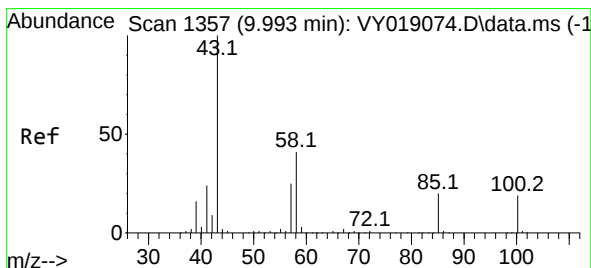
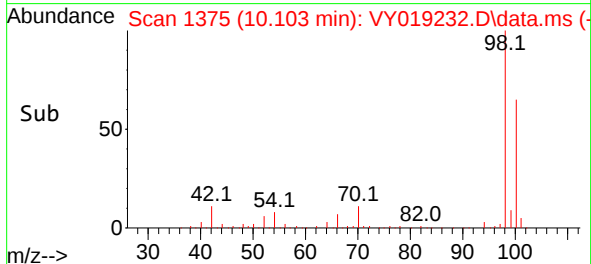
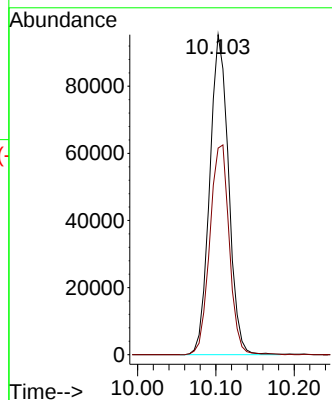
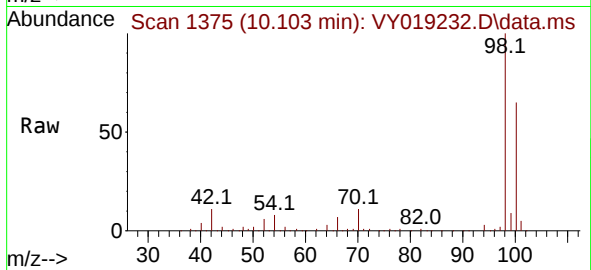




#50
Toluene-d8
Concen: 39.677 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

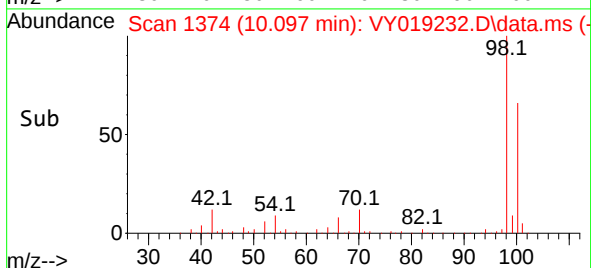
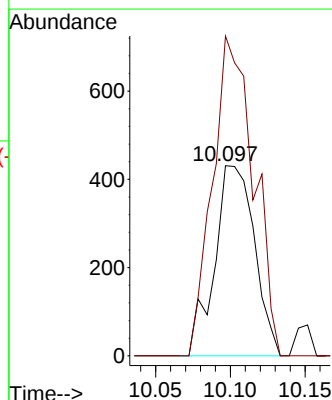
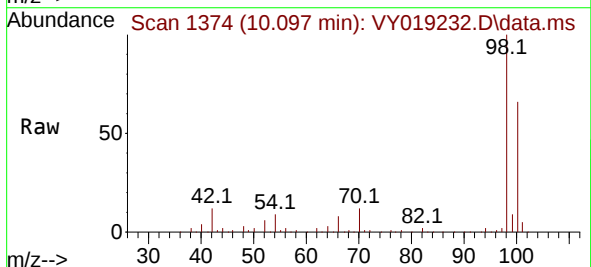
Instrument :
MSVOA_Y
ClientSampleId :

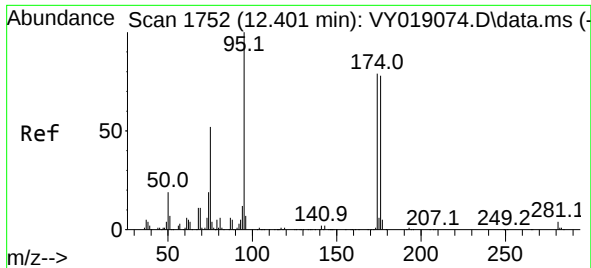
Tgt Ion: 98 Resp: 159330
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.104 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 173.3 35.7 53.5#

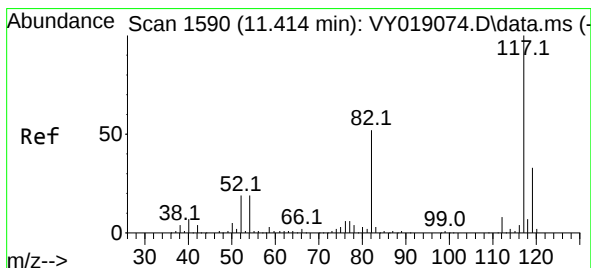
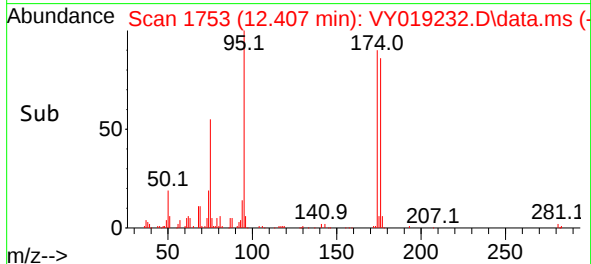
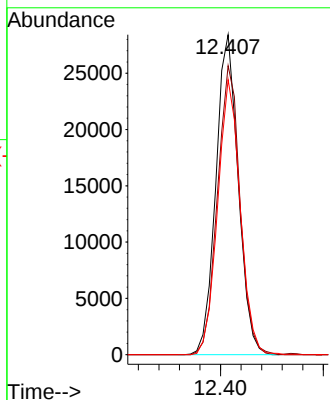
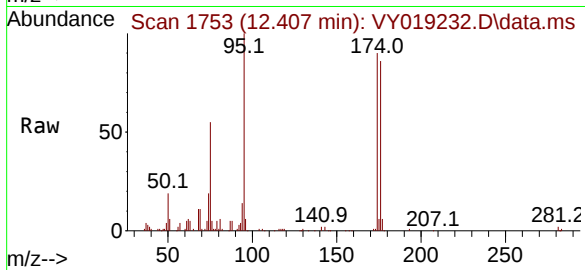




#62
4-Bromofluorobenzene
Concen: 31.318 ug/l
RT: 12.407 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

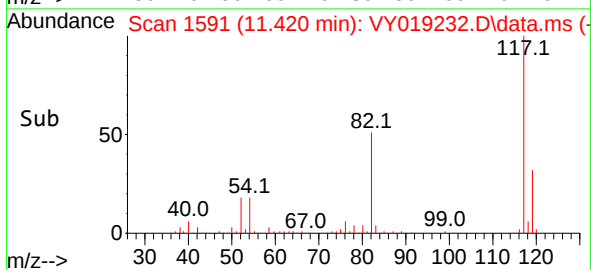
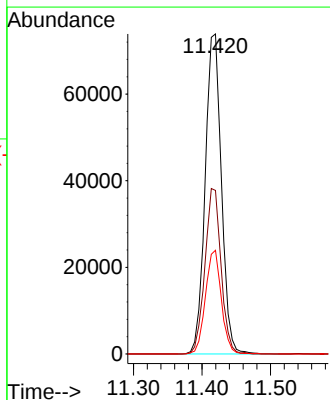
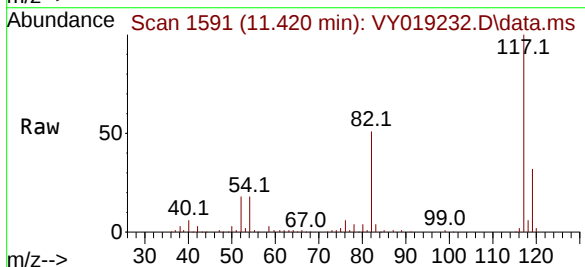
Instrument :
MSVOA_Y
ClientSampleId :

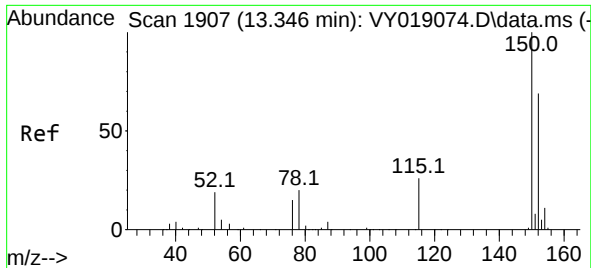
Tgt Ion: 95 Resp: 42873
Ion Ratio Lower Upper
95 100
174 91.0 0.0 175.6
176 86.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019232.D
Acq: 22 Aug 2024 19:59

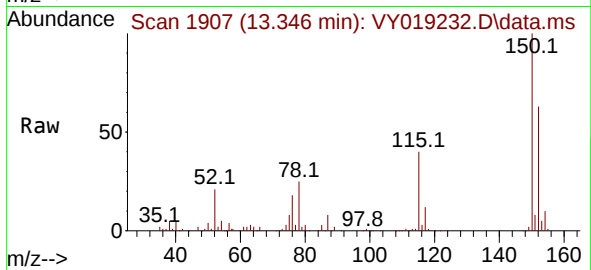
Tgt Ion: 117 Resp: 121746
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.4 25.9 38.9



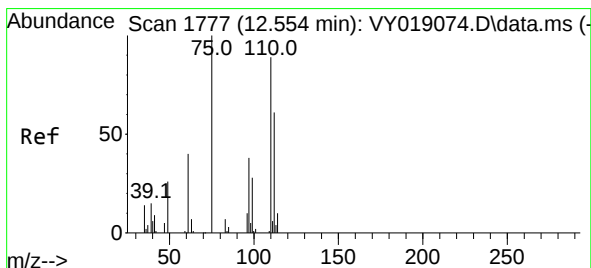
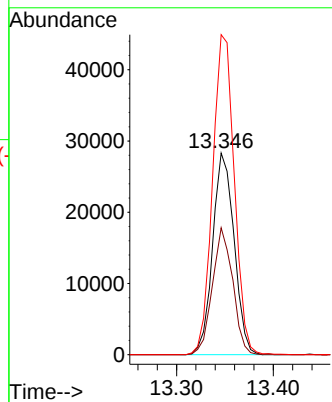
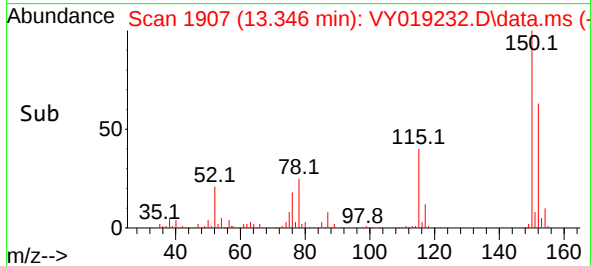


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY019232.D
 Acq: 22 Aug 2024 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :

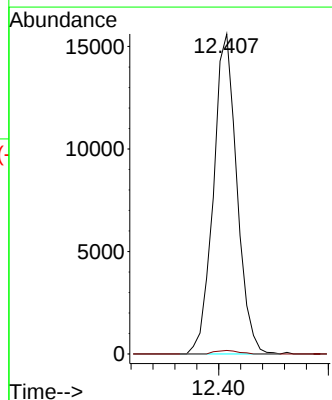
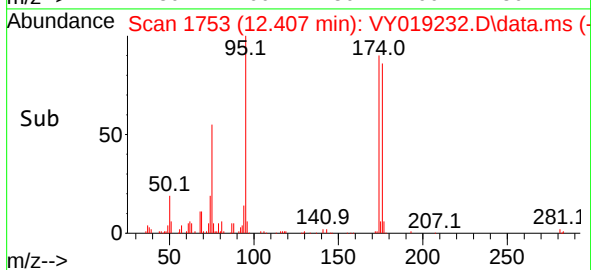
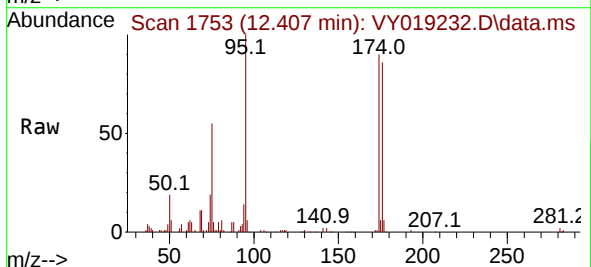


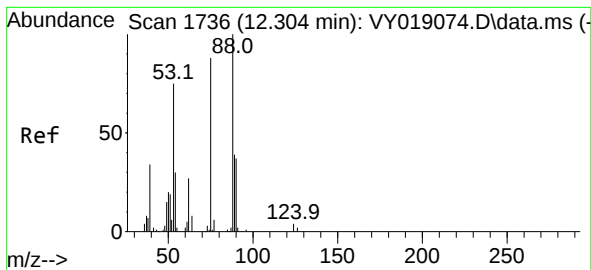
Tgt Ion:152 Resp: 43602
 Ion Ratio Lower Upper
 152 100
 115 59.6 28.2 84.7
 150 160.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 53.912 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019232.D
 Acq: 22 Aug 2024 19:59

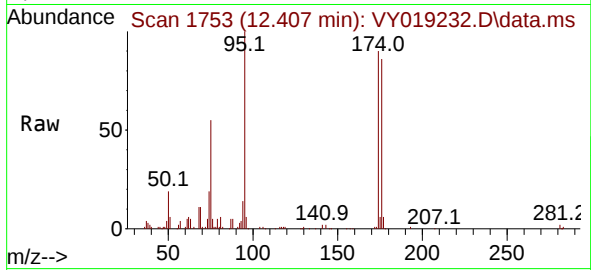
Tgt Ion: 75 Resp: 23182
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.145 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019232.D
 Acq: 22 Aug 2024 19:59

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 23182
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

