

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019228.D
 Acq On : 22 Aug 2024 18:22
 Operator : SY/MD
 Sample : P3671-10
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:56:17 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)

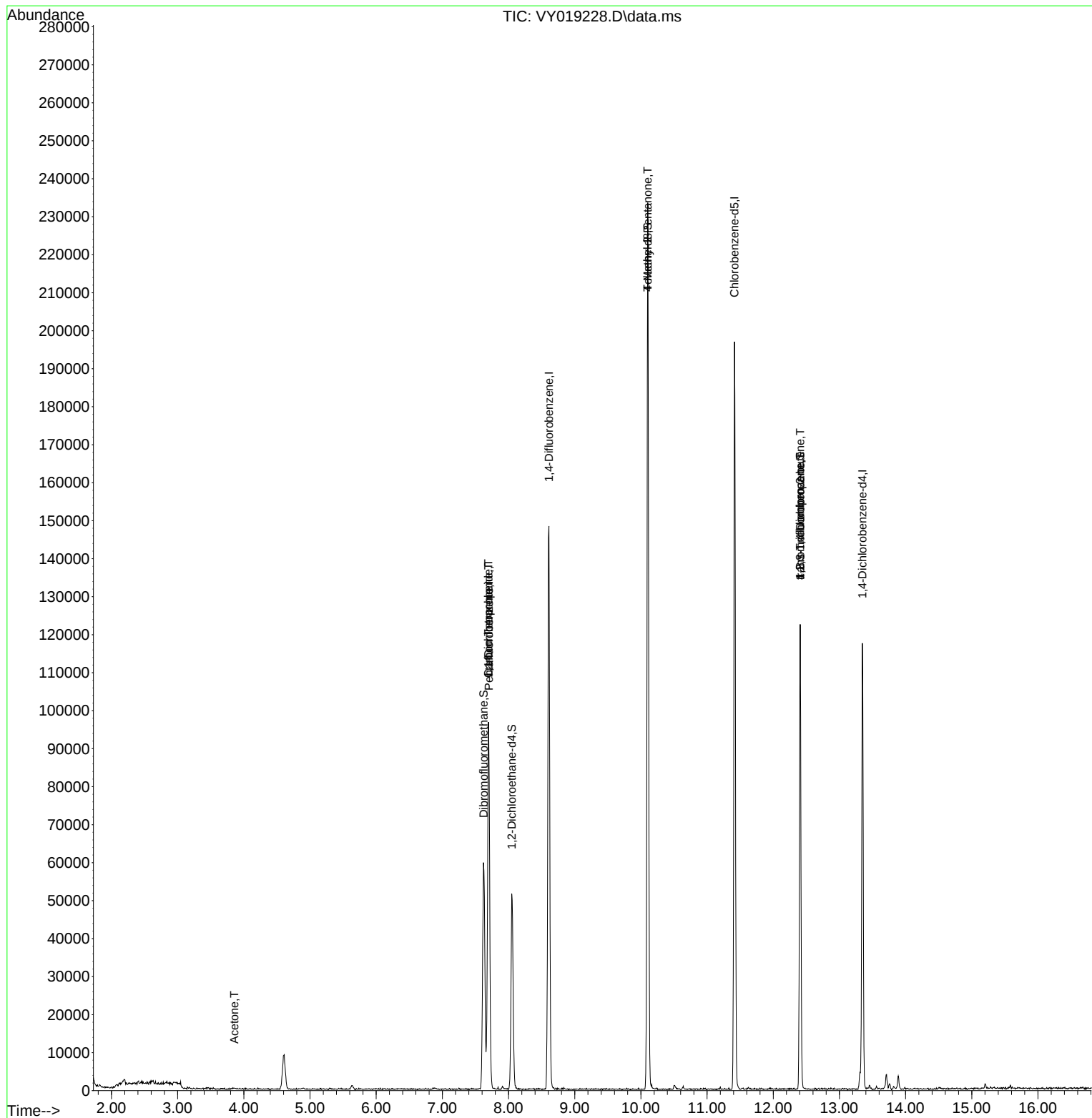
Internal Standards						
1) Pentafluorobenzene	7.701	168	72721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	130689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	107586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	28694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	39388	54.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.622	113	40924	47.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.780%	
50) Toluene-d8	10.103	98	146165	47.531	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.408	95	35936	34.280	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 68.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	205	Below Cal	#	56
6) Chloroethane	2.812	64	22	Below Cal	#	42
11) Tert butyl alcohol	4.842	59	74	Below Cal	#	88
16) Acetone	3.854	43	422	3.122	ug/l #	36
20) Methylene Chloride	4.598	84	7221	Below Cal		93
31) Cyclohexane	7.701	56	2197	Below Cal	#	62
36) 1,1-Dichloropropene	7.695	75	5536	4.718	ug/l #	49
38) Carbon Tetrachloride	7.695	117	7259	5.338	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	742	1.330	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	18685	66.031	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	18685	163.073	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

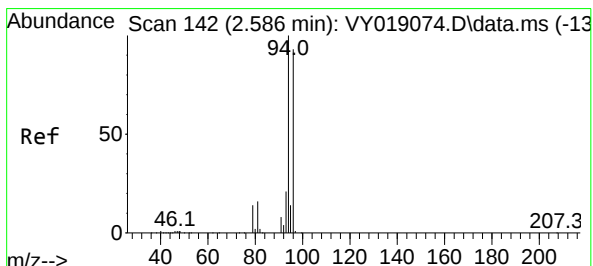
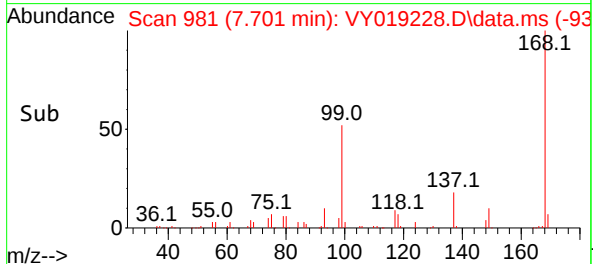
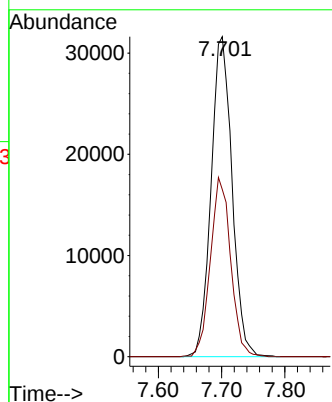
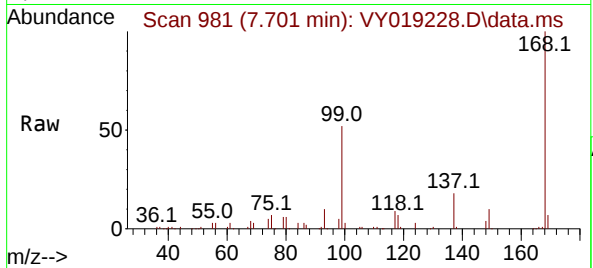




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

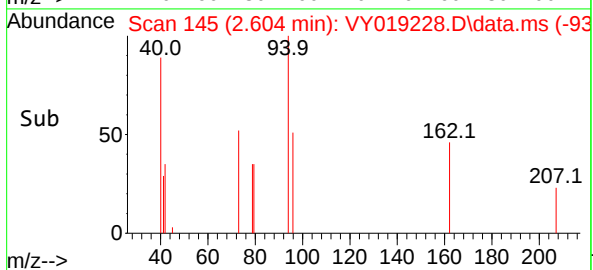
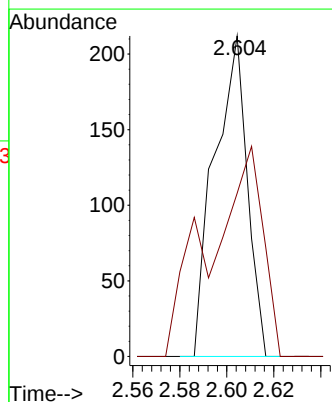
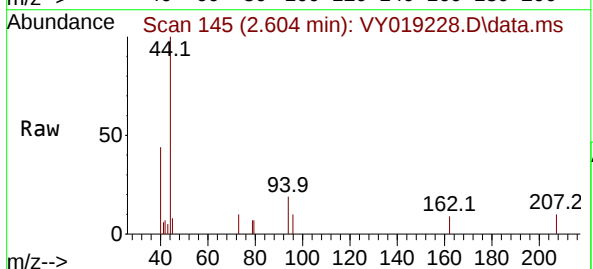
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 72721
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion: 94 Resp: 205
Ion Ratio Lower Upper
94 100
96 50.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Instrument :

MSVOA_Y

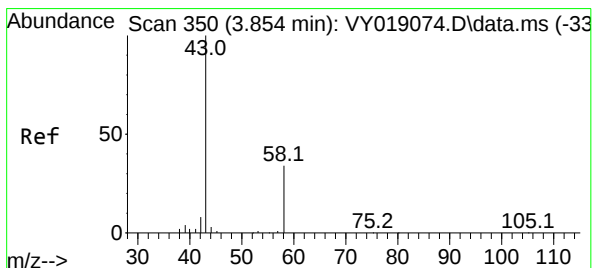
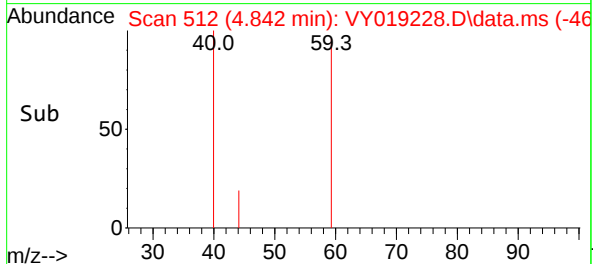
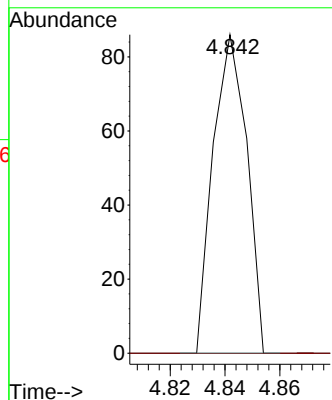
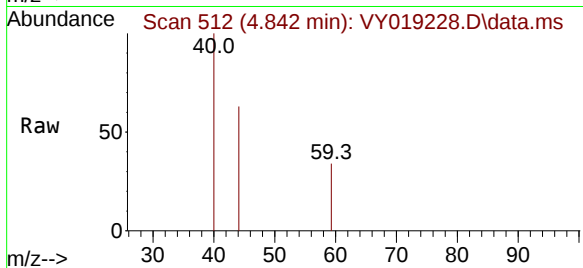
ClientSampleId :

Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 3.122 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019228.D

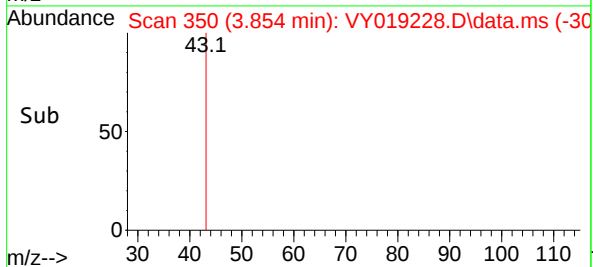
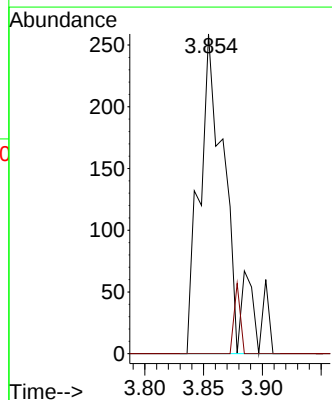
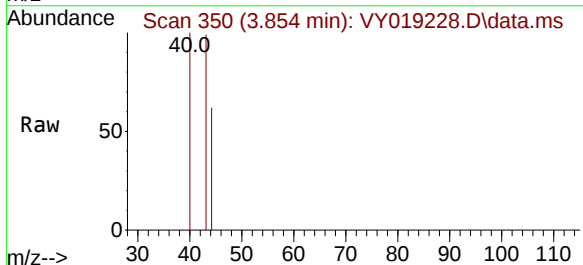
Acq: 22 Aug 2024 18:22

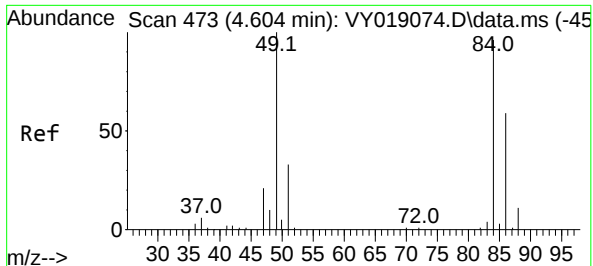
Tgt Ion: 43 Resp: 422

Ion Ratio Lower Upper

43 100

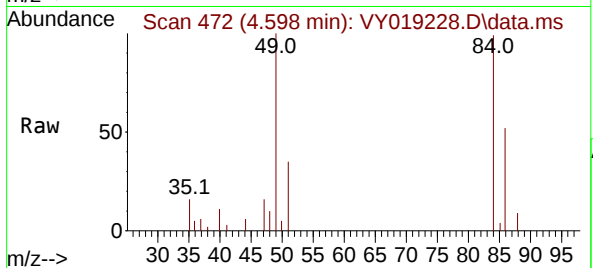
58 0.0 31.7 47.5#



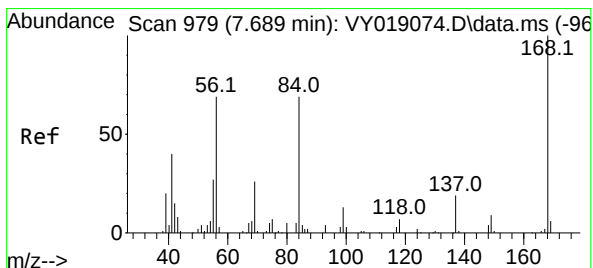
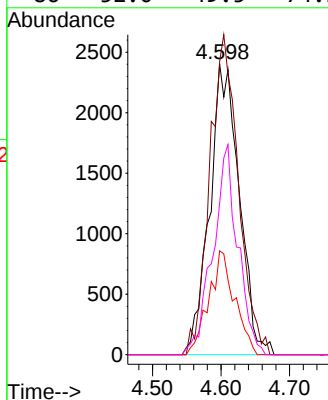
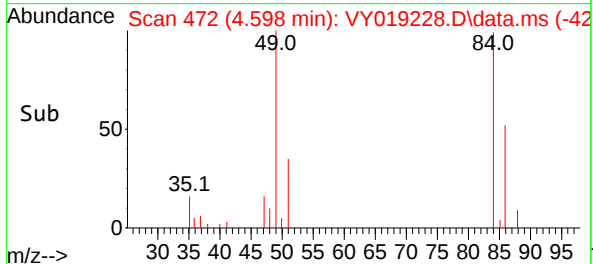


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

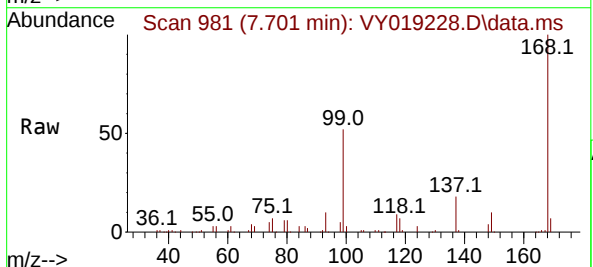
Instrument :
MSVOA_Y
ClientSampleId :



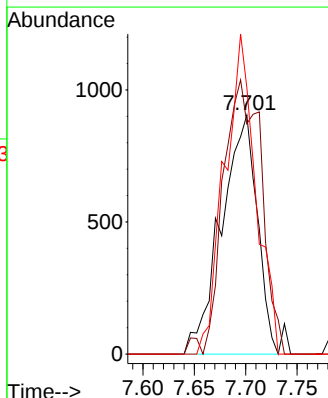
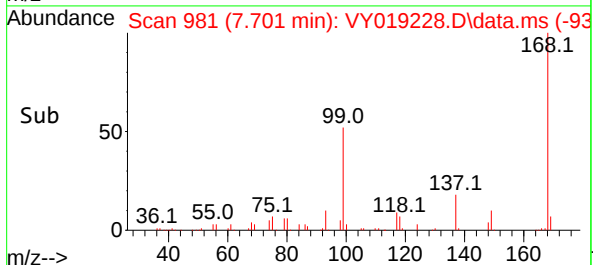
Tgt Ion: 84	Resp: 7221
Ion Ratio	Lower Upper
84 100	
49 100.7	84.4 126.6
51 35.7	26.0 39.0
86 52.0	49.5 74.3

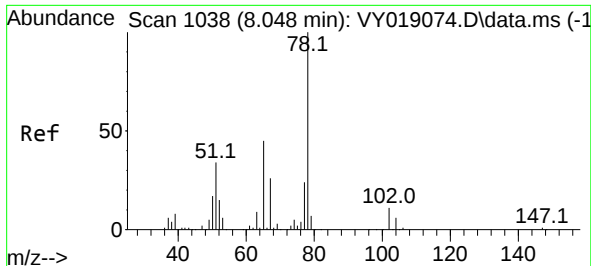


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22



Tgt Ion: 56	Resp: 2197		
Ion Ratio	Lower	Upper	
56	100		
69	96.4	28.7	43.1#
84	111.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 54.032 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Instrument :

MSVOA_Y

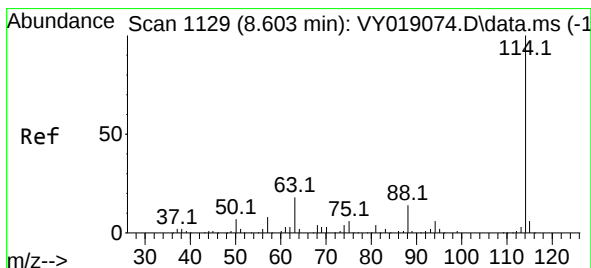
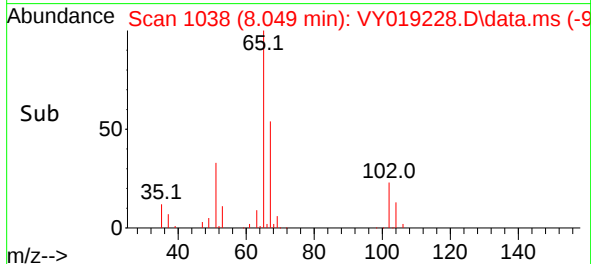
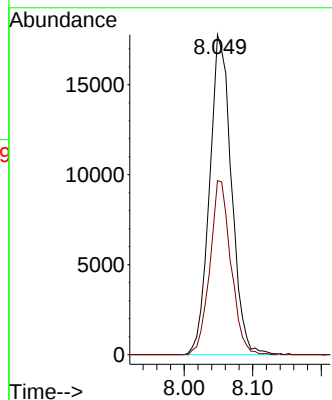
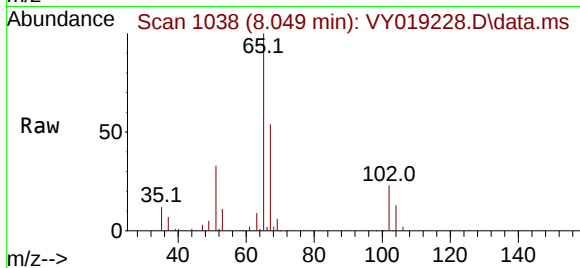
ClientSampleId :

Tgt Ion: 65 Resp: 39388

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

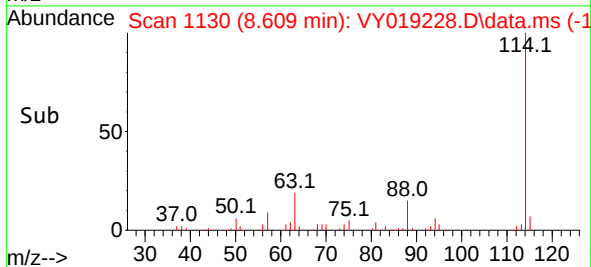
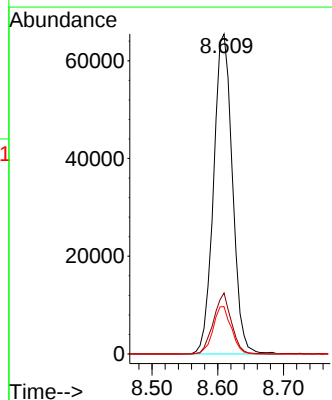
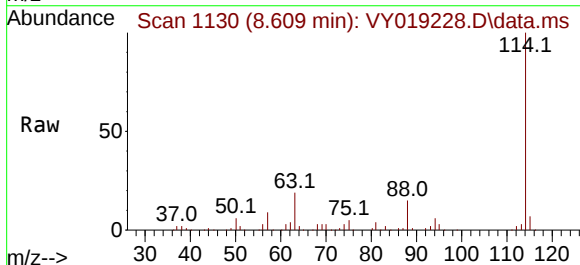
Tgt Ion: 114 Resp: 130689

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

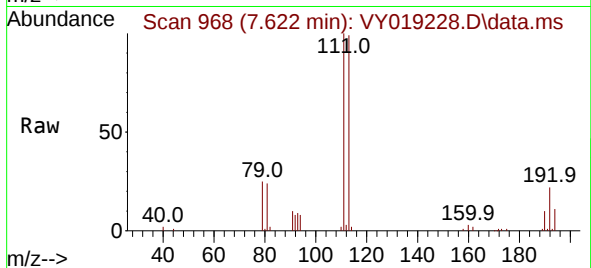
88 14.8 0.0 27.2



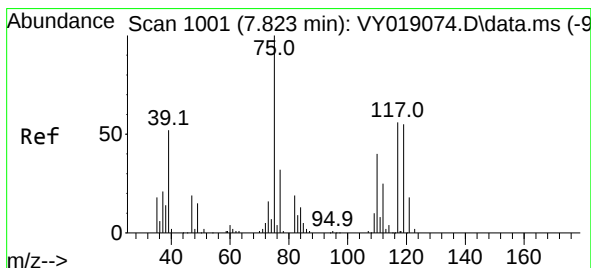
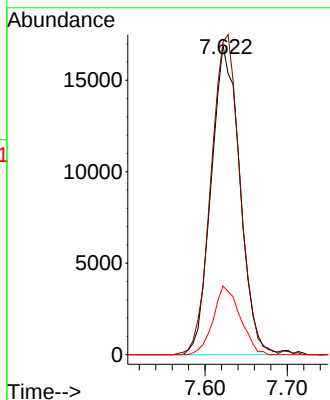
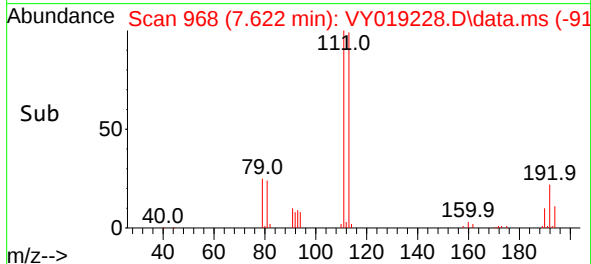


#35
Dibromofluoromethane
Concen: 47.891 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

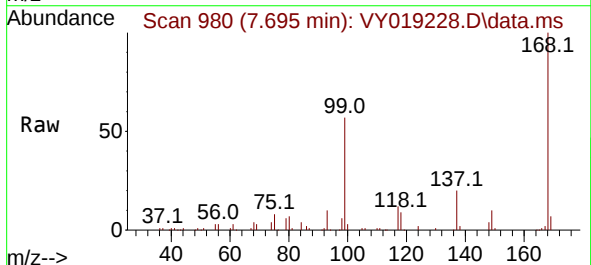
Instrument :
MSVOA_Y
ClientSampleId :



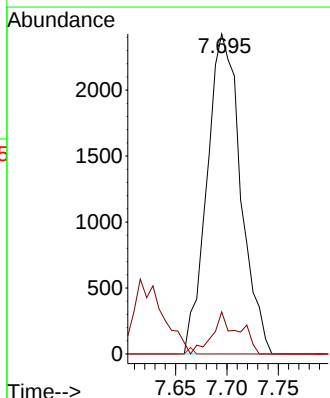
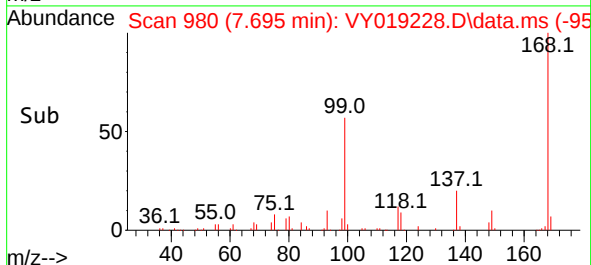
Tgt Ion:113 Resp: 40924
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 20.8 15.9 23.9

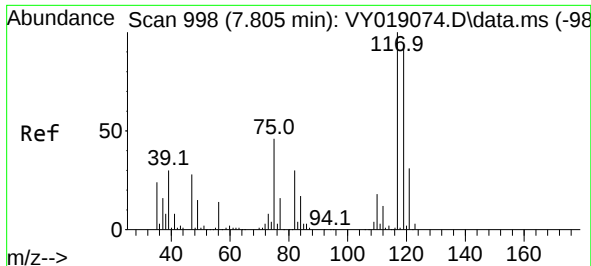


#36
1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22



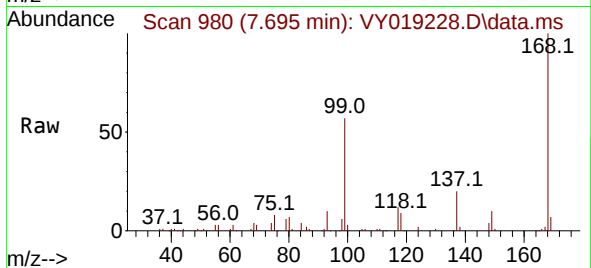
Tgt Ion: 75 Resp: 5536
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#



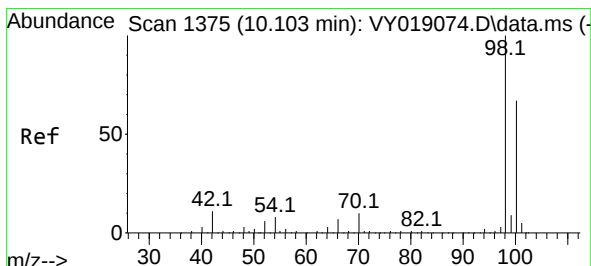
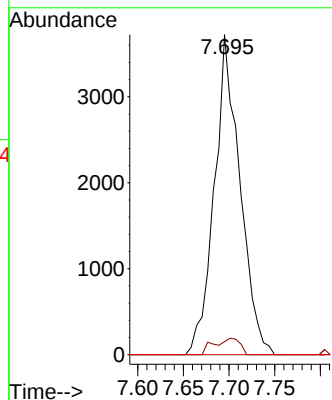
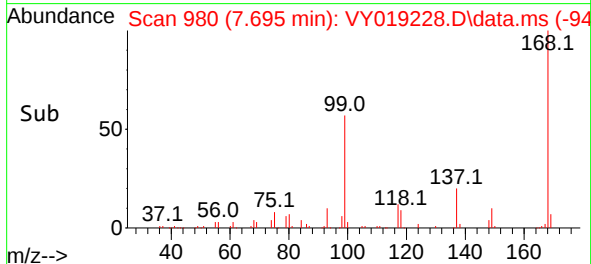


#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Instrument :
MSVOA_Y
ClientSampleId :

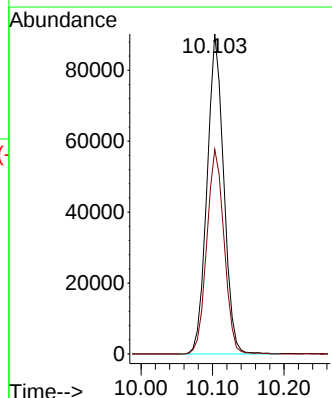
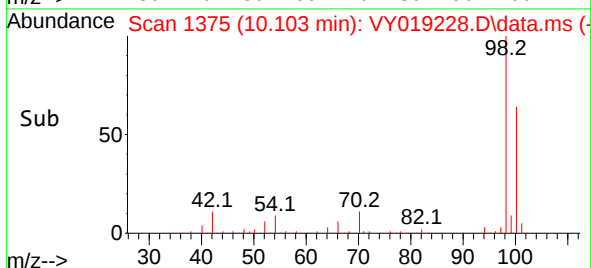
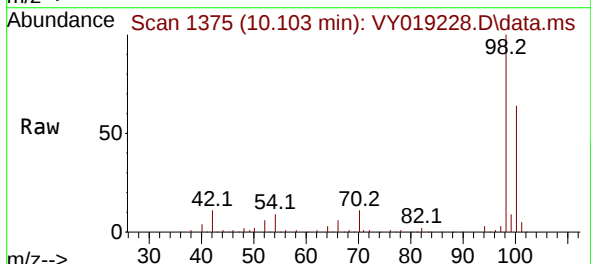


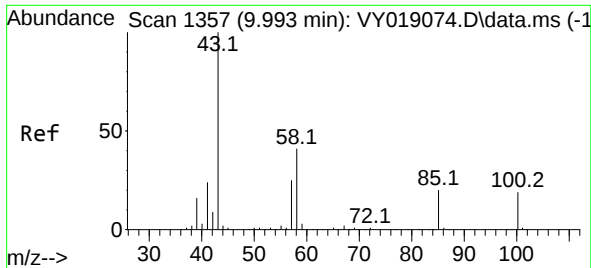
Tgt Ion:117 Resp: 7259
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.531 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion: 98 Resp: 146165
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0

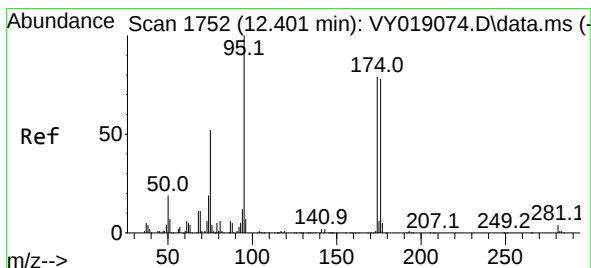
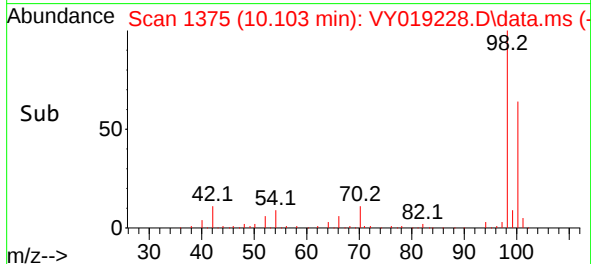
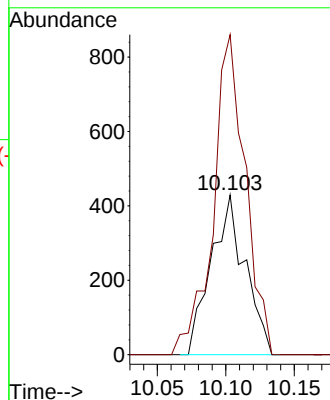
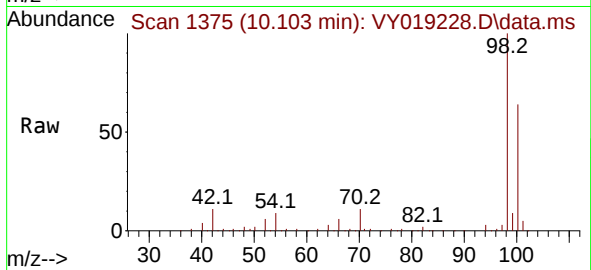




#51
4-Methyl-2-Pentanone
Concen: 1.330 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

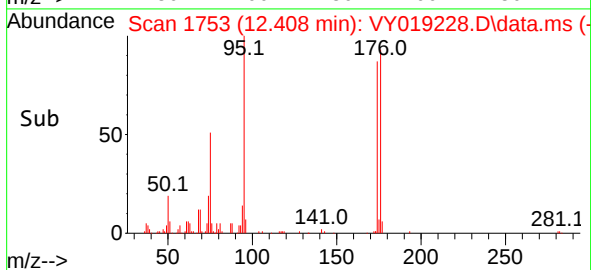
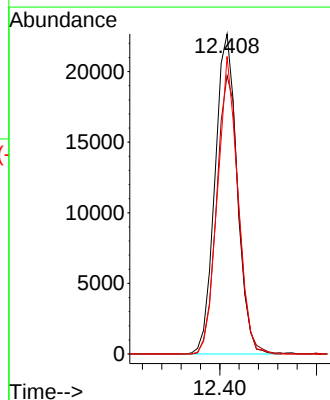
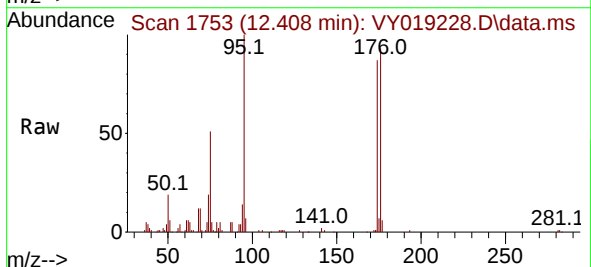
Instrument :
MSVOA_Y
ClientSampleId :

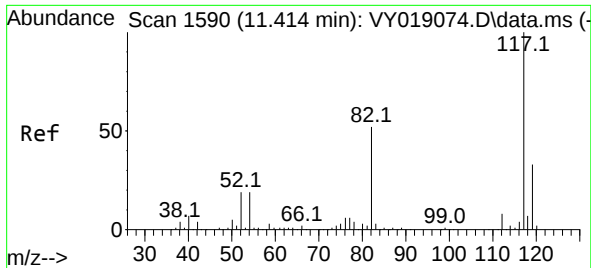
Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 188.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 34.280 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion: 95 Resp: 35936
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 85.6 0.0 171.4

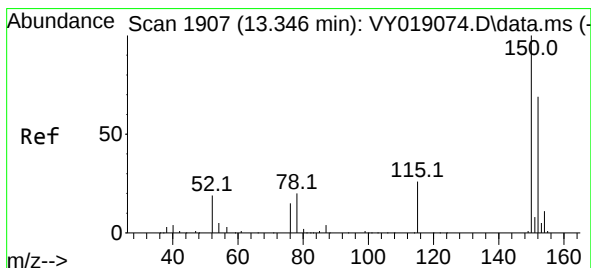
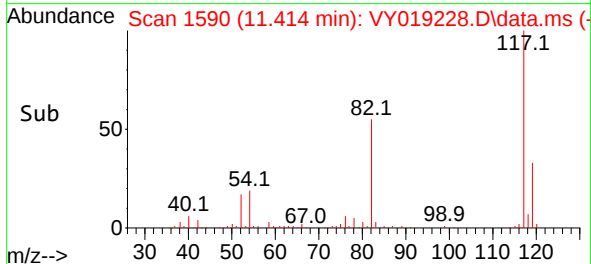
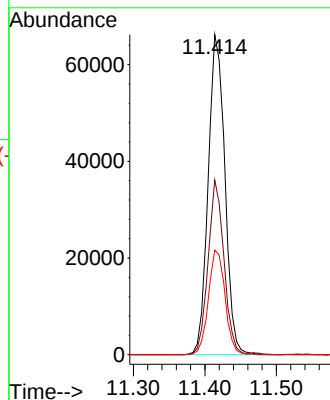
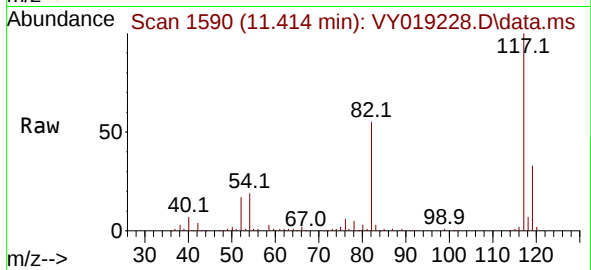




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

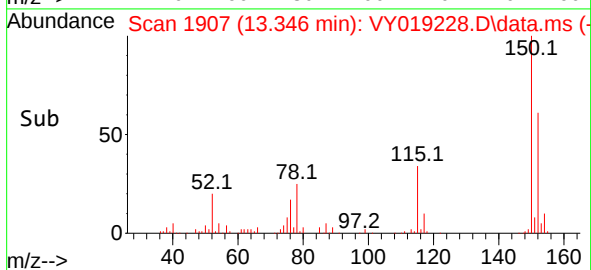
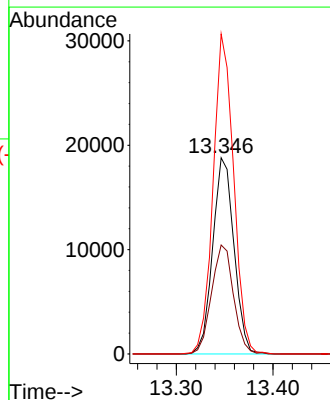
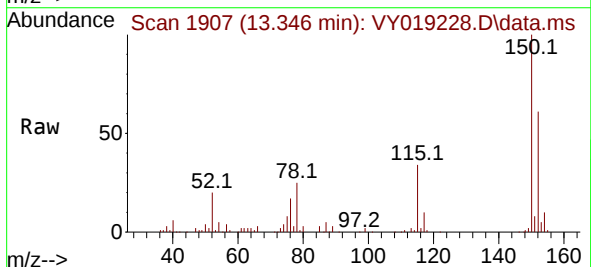
Instrument :
MSVOA_Y
ClientSampleId :

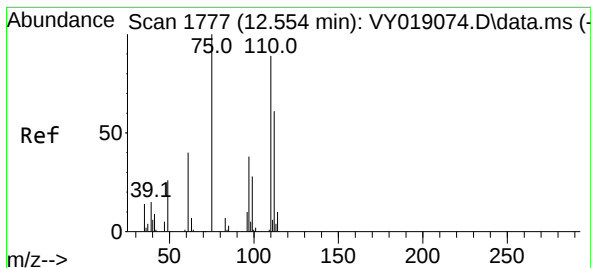
Tgt Ion:117 Resp: 107586
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019228.D
Acq: 22 Aug 2024 18:22

Tgt Ion:152 Resp: 28694
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 66.031 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Instrument :

MSVOA_Y

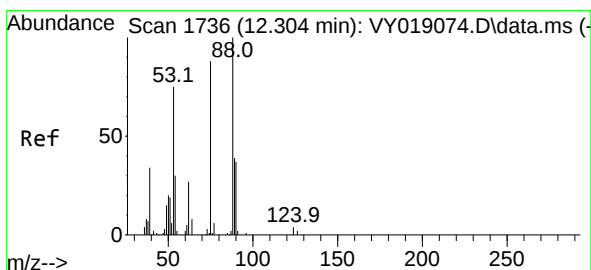
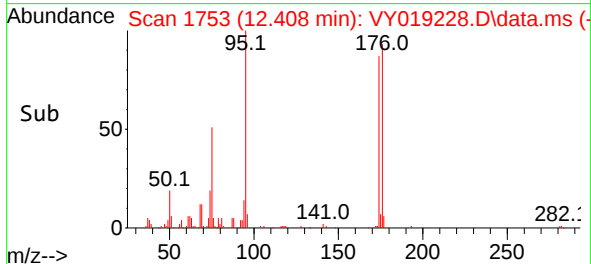
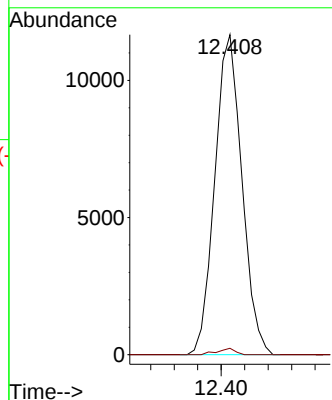
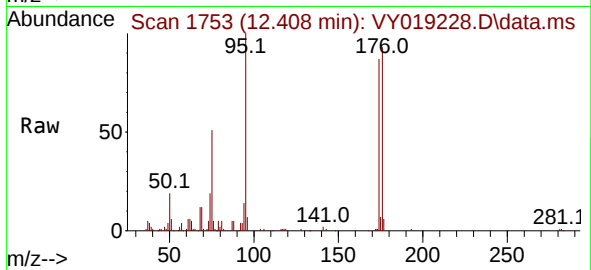
ClientSampleId :

Tgt Ion: 75 Resp: 18685

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 163.073 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019228.D

Acq: 22 Aug 2024 18:22

Tgt Ion: 75 Resp: 18685

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

