

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020149.D
 Acq On : 04 Nov 2024 17:43
 Operator : SY/MD
 Sample : P4694-07
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:35:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

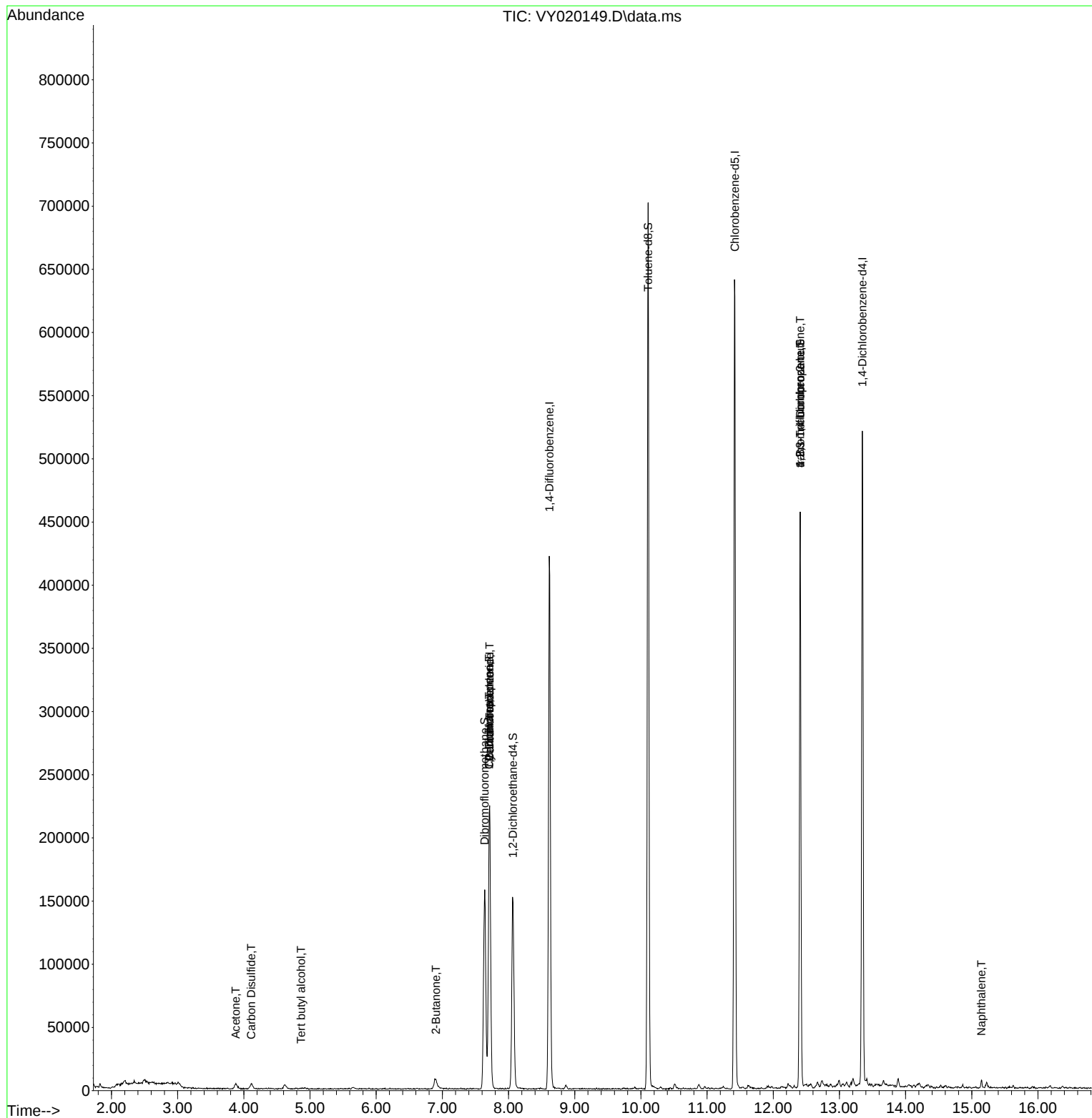
Internal Standards						
1) Pentafluorobenzene	7.713	168	156223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	330386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	116750	59.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.760%	
35) Dibromofluoromethane	7.640	113	110009	52.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.109	98	418793	50.087	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	12.407	95	129056	47.519	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	170	1.212	ug/l	# 88
16) Acetone	3.878	43	7119	15.700	ug/l	93
17) Carbon Disulfide	4.110	76	7410	1.321	ug/l	99
25) 2-Butanone	6.902	43	2230	3.628	ug/l	96
31) Cyclohexane	7.707	56	5213	1.473	ug/l	# 59
36) 1,1-Dichloropropene	7.707	75	16251	5.008	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	18207	5.580	ug/l	# 17
76) 1,2,3-Trichloropropane	12.407	75	76539	71.014	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	76539	152.748	ug/l	# 16
95) Naphthalene	15.145	128	4287	1.302	ug/l	100

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

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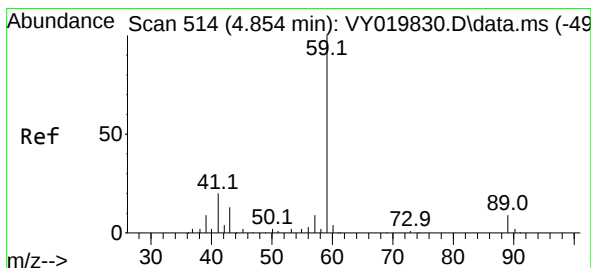
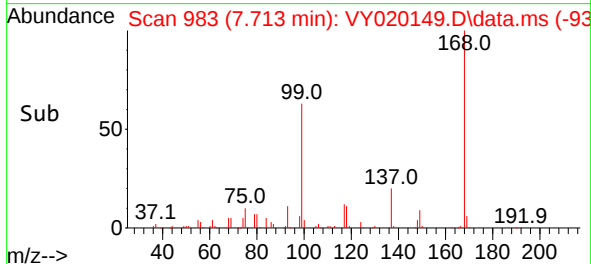
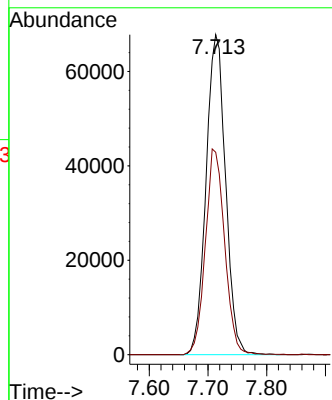
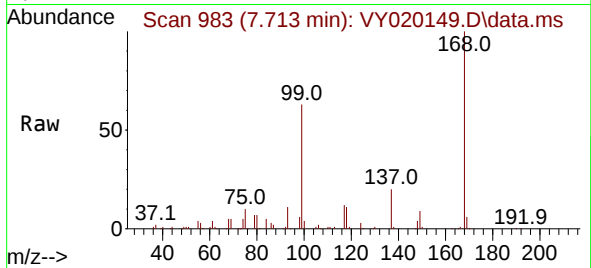




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

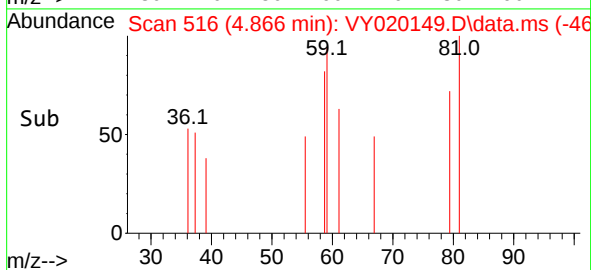
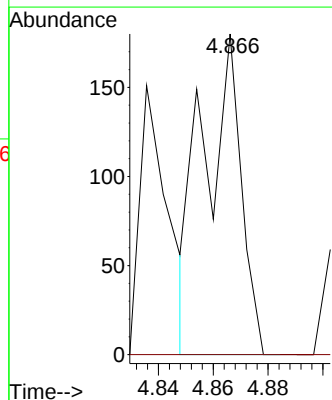
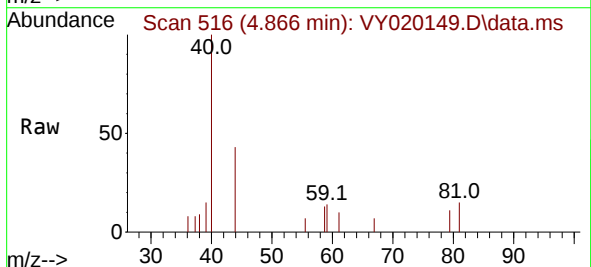
Instrument :
MSVOA_Y
ClientSampleId :

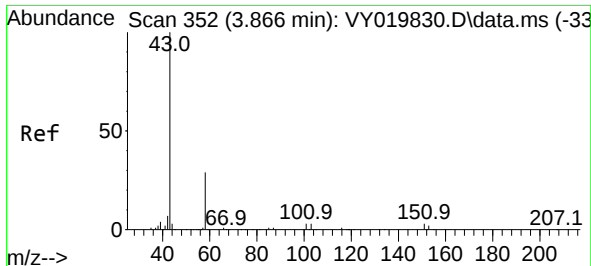
Tgt Ion:168 Resp: 156223
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.212 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

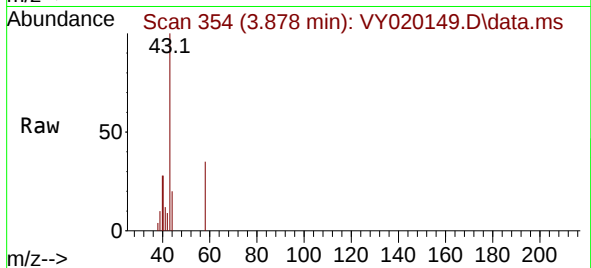
Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



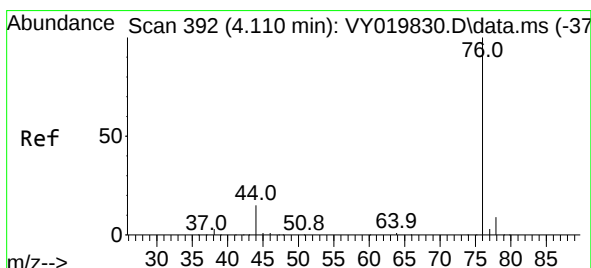
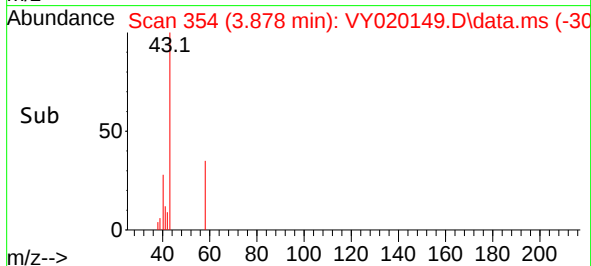
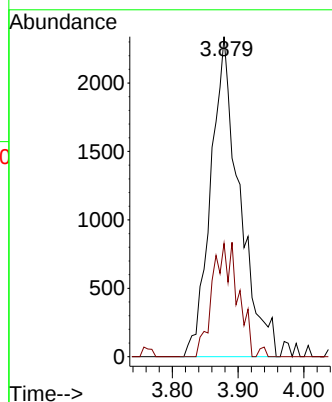


#16
Acetone
Concen: 15.700 ug/l
RT: 3.878 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :

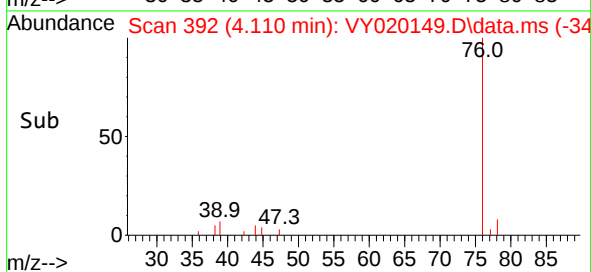
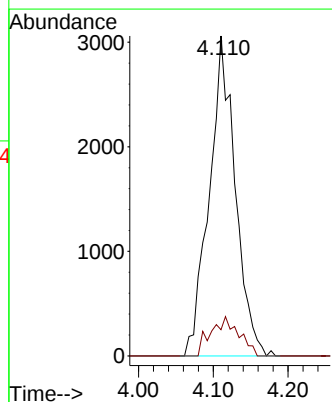
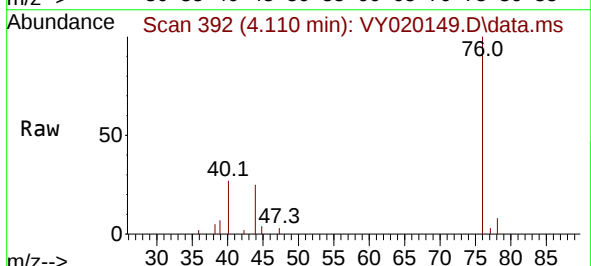


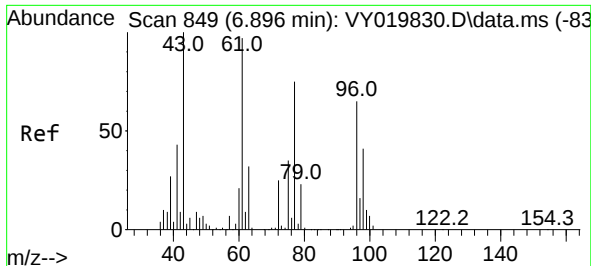
Tgt Ion: 43 Resp: 7119
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5



#17
Carbon Disulfide
Concen: 1.321 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Tgt Ion: 76 Resp: 7410
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2





#25

2-Butanone

Concen: 3.628 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

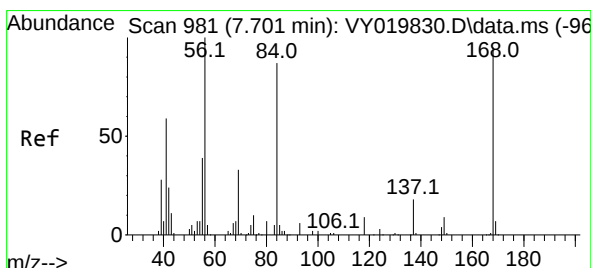
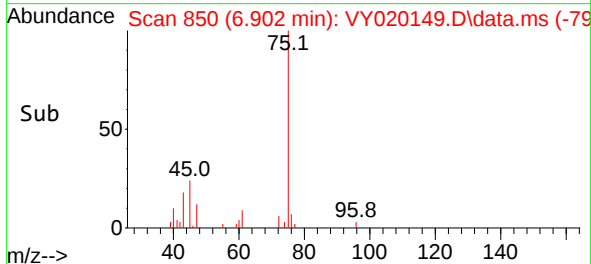
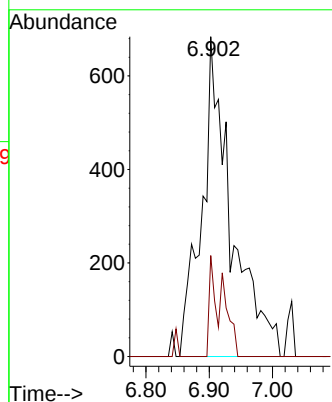
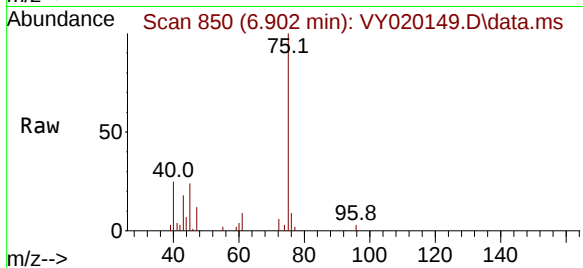
ClientSampleId :

Tgt Ion: 43 Resp: 2230

Ion Ratio Lower Upper

43 100

72 31.6 27.3 40.9



#31

Cyclohexane

Concen: 1.473 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

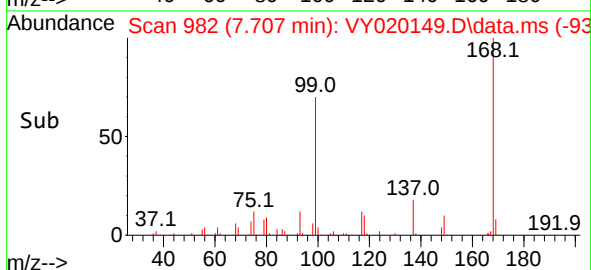
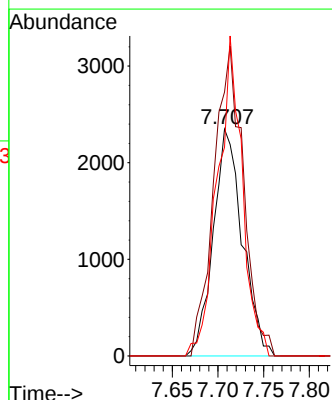
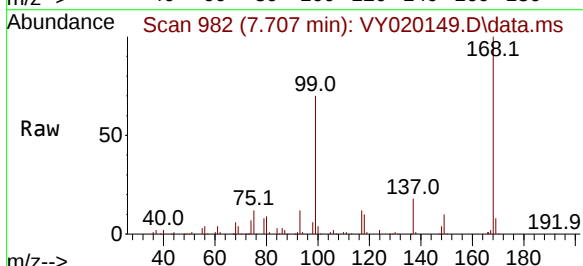
Tgt Ion: 56 Resp: 5213

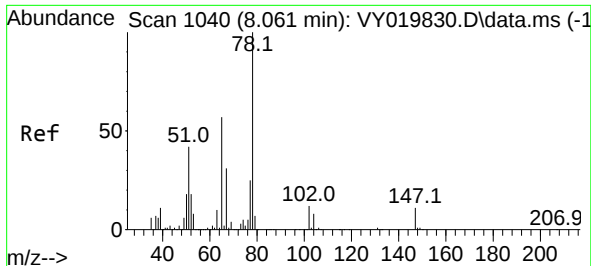
Ion Ratio Lower Upper

56 100

69 116.3 28.7 43.1#

84 92.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 59.879 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

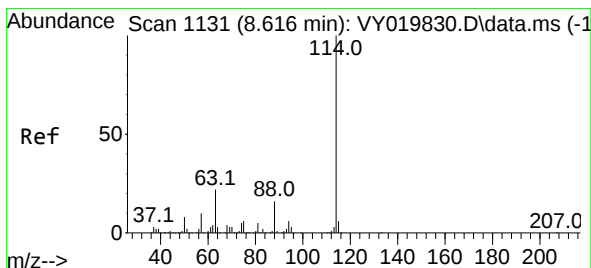
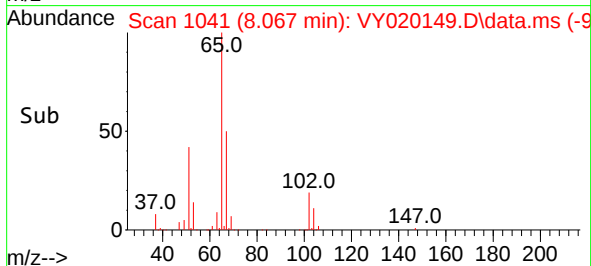
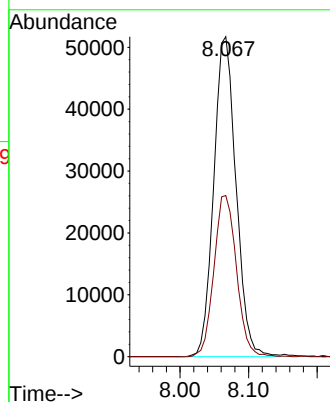
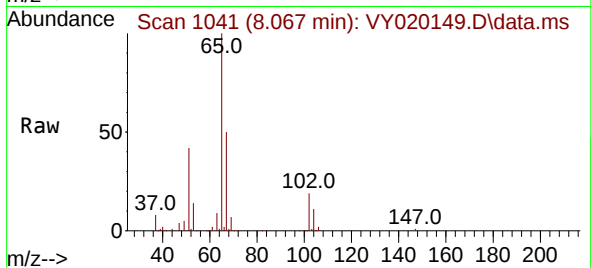
ClientSampleId :

Tgt Ion: 65 Resp: 116750

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

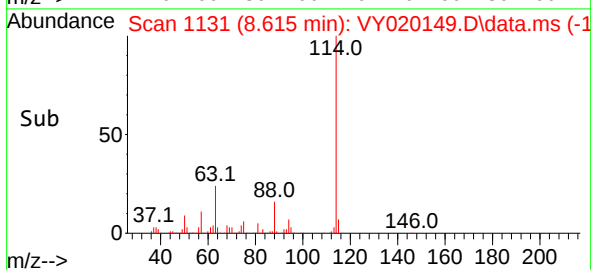
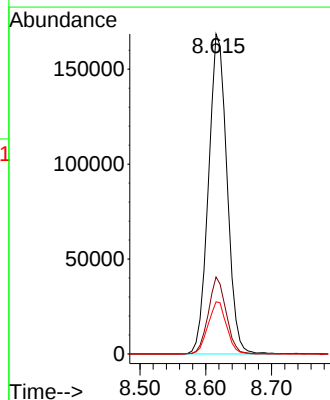
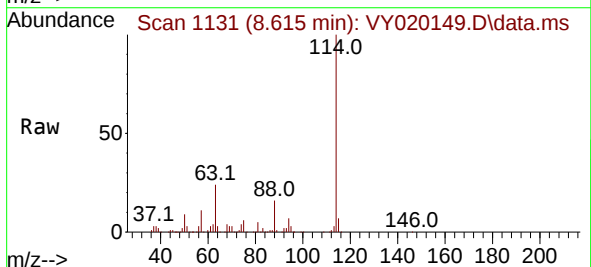
Tgt Ion: 114 Resp: 330386

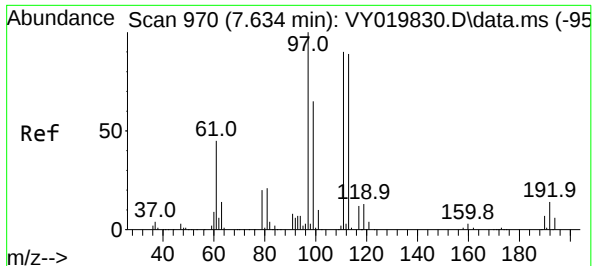
Ion Ratio Lower Upper

114 100

63 24.0 0.0 35.0

88 16.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.371 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

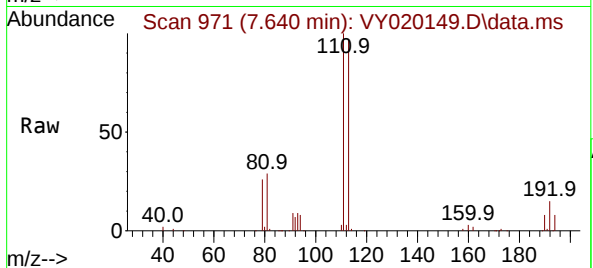
Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :



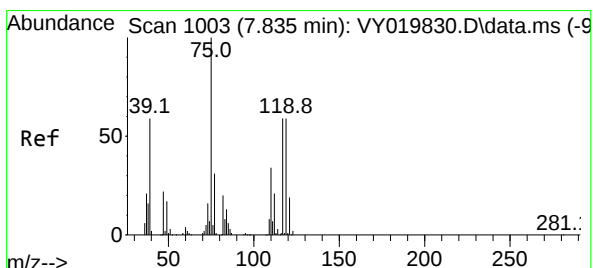
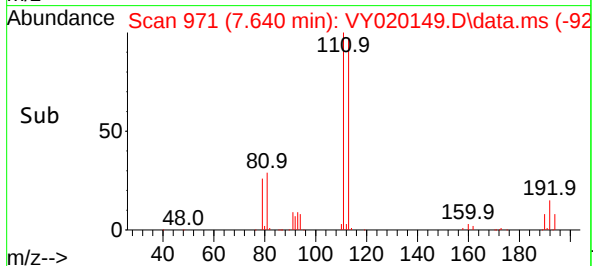
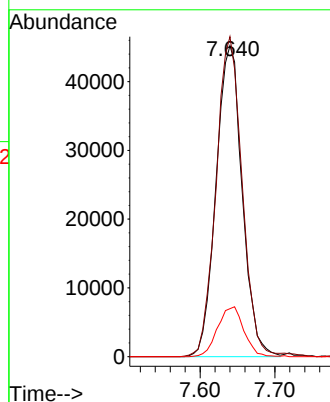
Tgt Ion:113 Resp: 110009

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 16.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.008 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020149.D

Acq: 04 Nov 2024 17:43

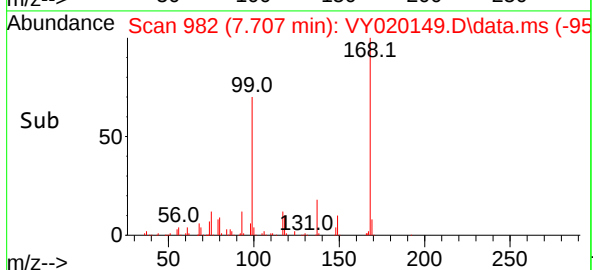
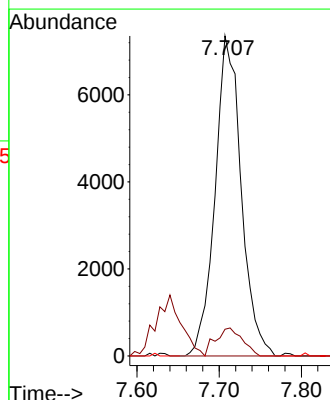
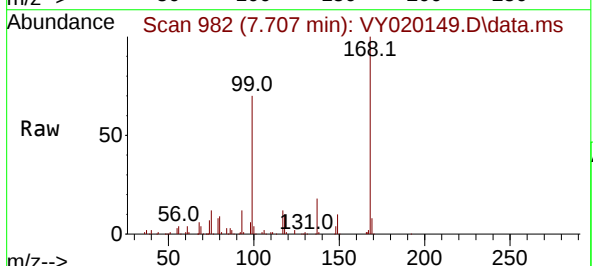
Tgt Ion: 75 Resp: 16251

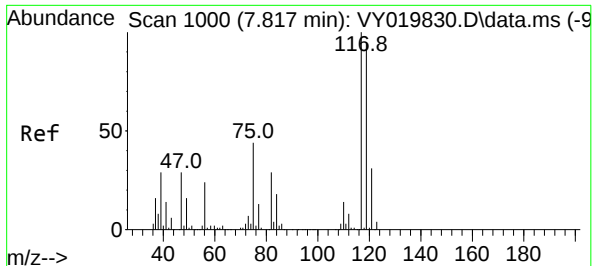
Ion Ratio Lower Upper

75 100

110 8.9 19.0 57.0#

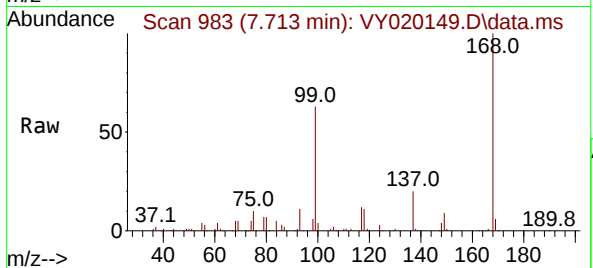
77 0.0 25.3 37.9#



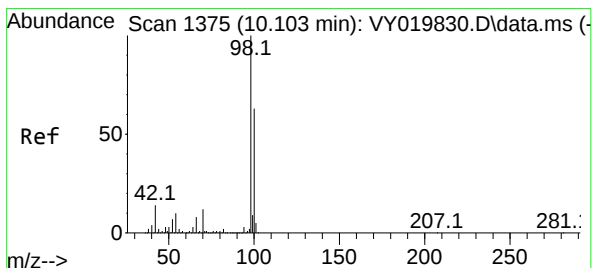
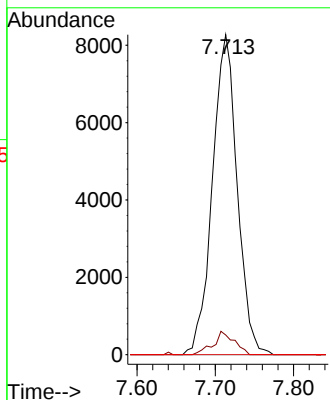
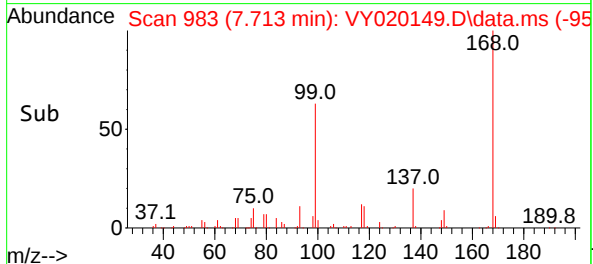


#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :

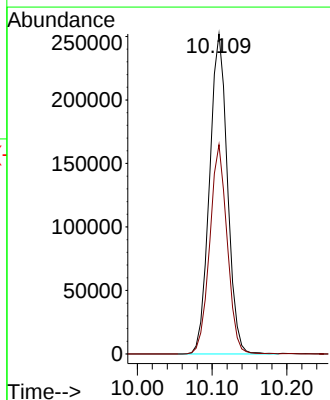
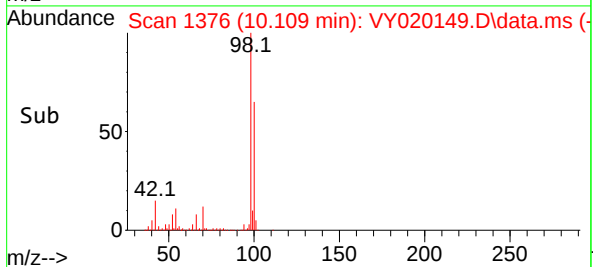
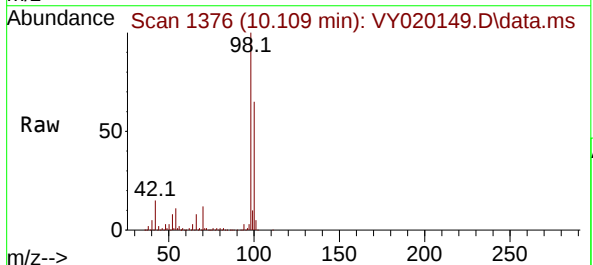


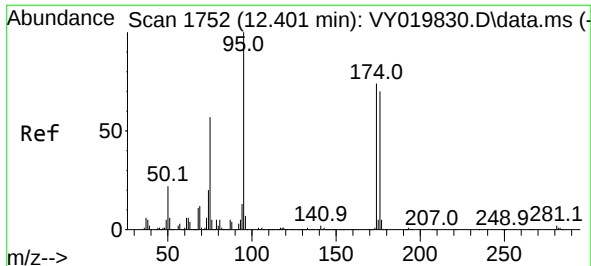
Tgt Ion:117 Resp: 18207
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.087 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Tgt Ion: 98 Resp: 418793
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

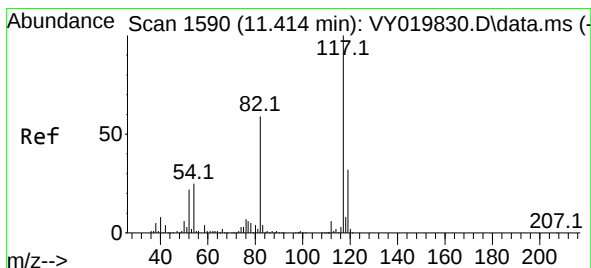
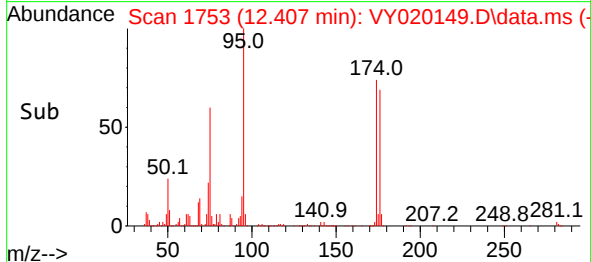
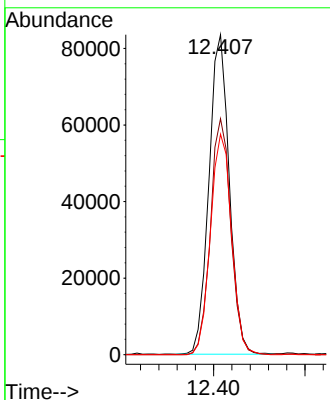
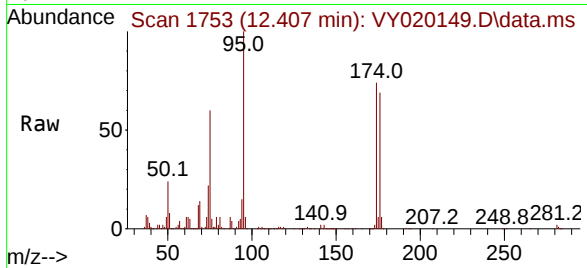




#62
4-Bromofluorobenzene
Concen: 47.519 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

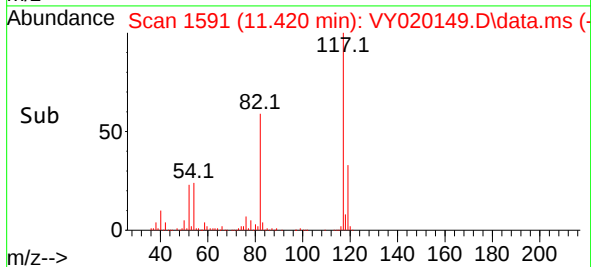
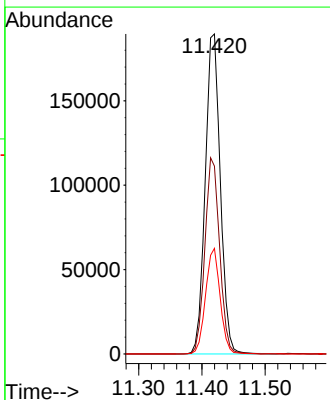
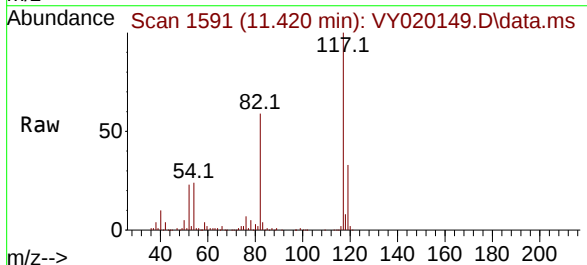
Instrument :
MSVOA_Y
ClientSampleId :

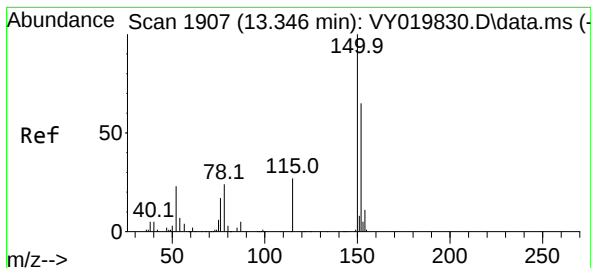
Tgt Ion: 95 Resp: 129056
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020149.D
Acq: 04 Nov 2024 17:43

Tgt Ion: 117 Resp: 314959
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 33.0 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: VY020149.D

Acq: 04 Nov 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

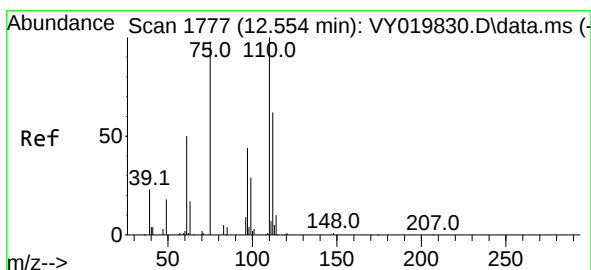
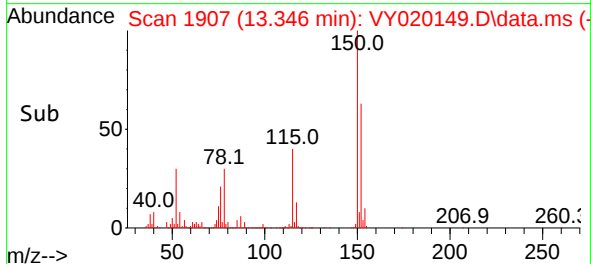
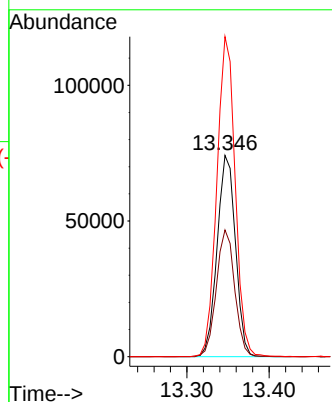
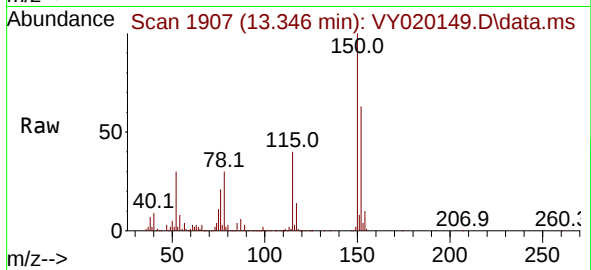
Tgt Ion:152 Resp: 114979

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 158.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.014 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020149.D

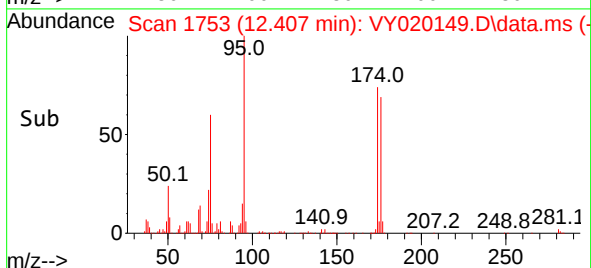
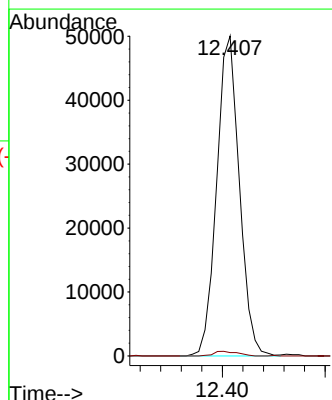
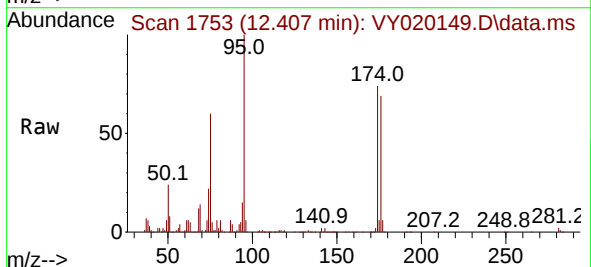
Acq: 04 Nov 2024 17:43

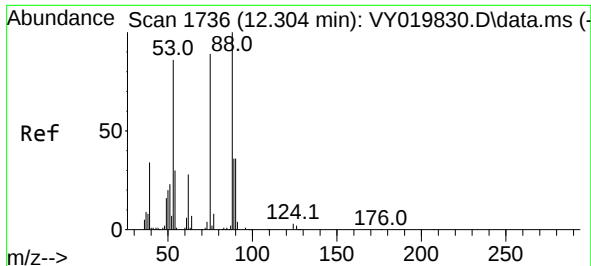
Tgt Ion: 75 Resp: 76539

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

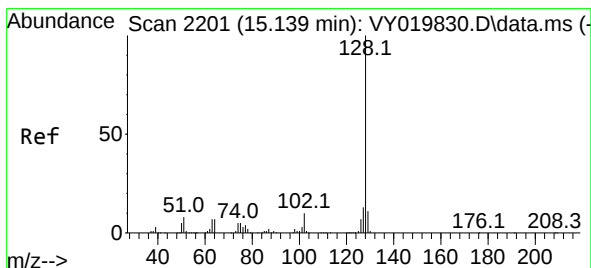
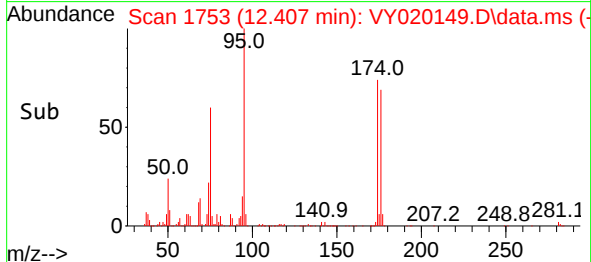
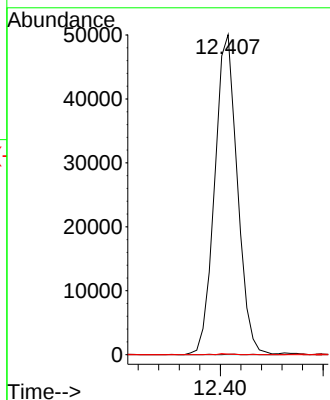
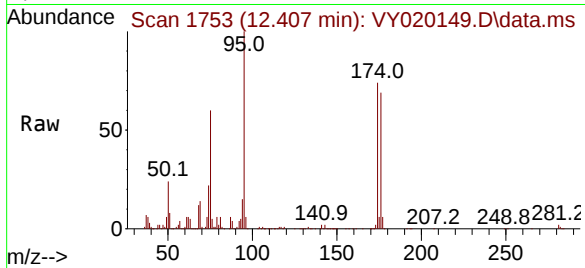




#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.748 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020149.D
 Acq: 04 Nov 2024 17:43

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 76539
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.2 35.8 53.6#



#95
 Naphthalene
 Concen: 1.302 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY020149.D
 Acq: 04 Nov 2024 17:43

Tgt Ion:128 Resp: 4287
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.6 16.0
 129 10.8 8.6 13.0

