

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019286.D
 Acq On : 27 Aug 2024 15:11
 Operator : SY/MD
 Sample : P3726-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:45:06 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)

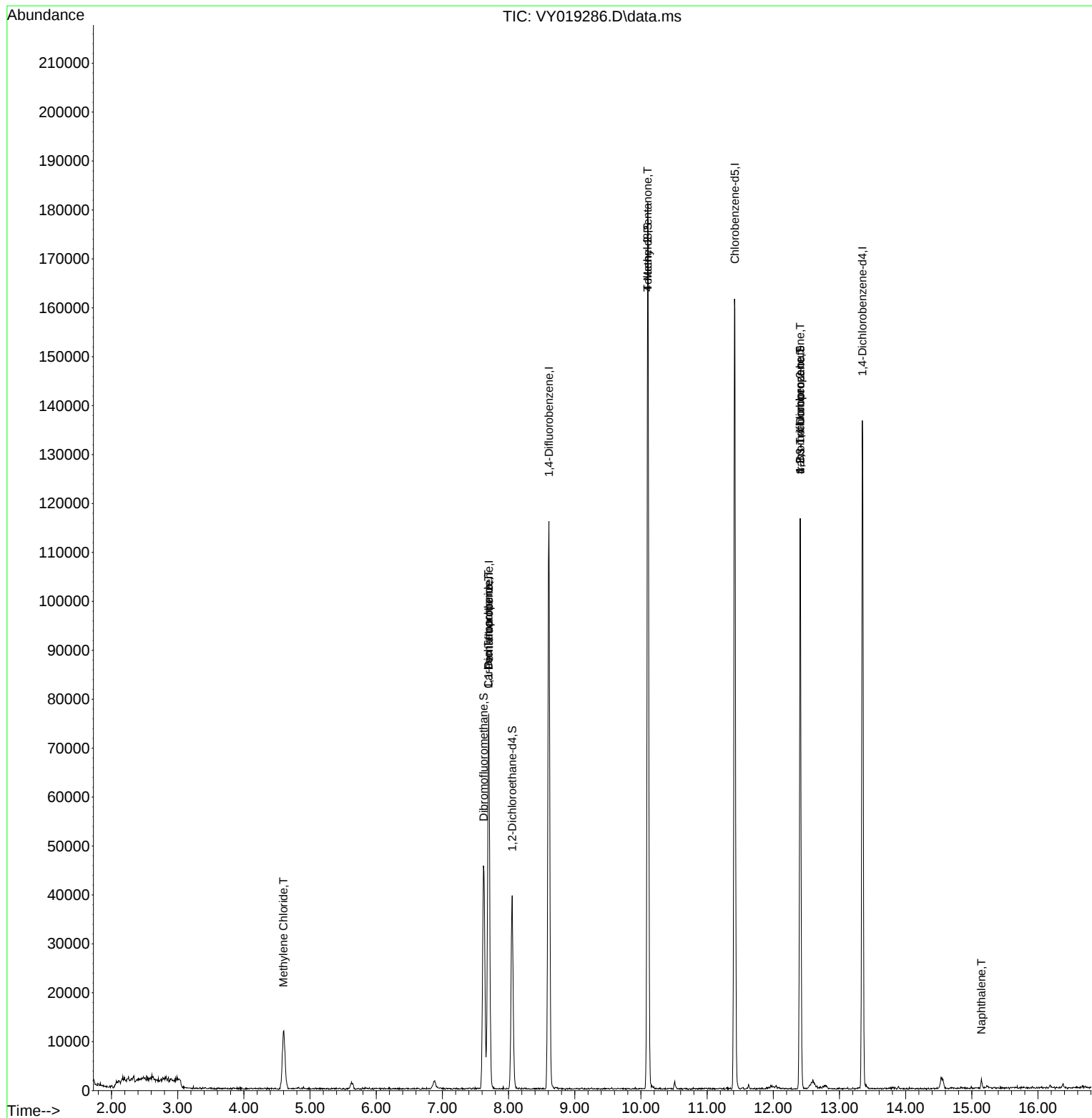
Internal Standards						
1) Pentafluorobenzene	7.701	168	59882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	102078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	90327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	29700	49.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.622	113	32559	48.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.103	98	113186	47.123	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.407	95	33010	40.315	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	274	Below Cal	#	69
6) Chloroethane	2.781	64	19	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	68	Below Cal	#	88
20) Methylene Chloride	4.598	84	9024	3.553	ug/l	96
31) Cyclohexane	7.701	56	1350	Below Cal	#	35
36) 1,1-Dichloropropene	7.695	75	4077	4.448	ug/l	# 46
38) Carbon Tetrachloride	7.695	117	5768	5.430	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.103	43	502	1.152	ug/l	# 1
76) 1,2,3-Trichloropropane	12.407	75	17781	52.587	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	17781	129.874	ug/l	# 16
95) Naphthalene	15.145	128	1628	1.478	ug/l	# 94

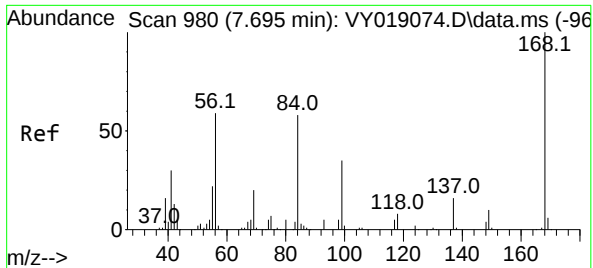
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

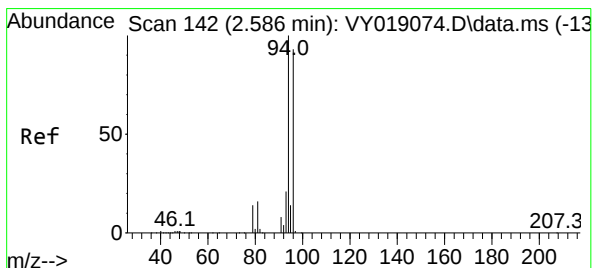
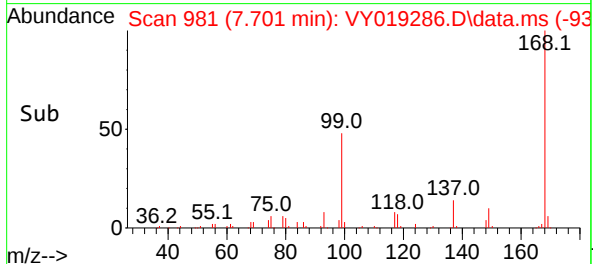
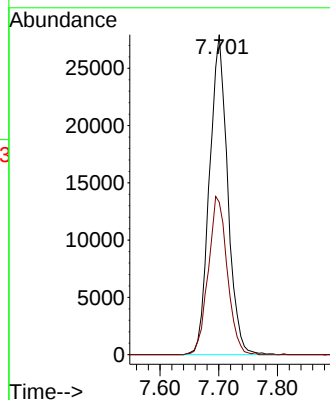
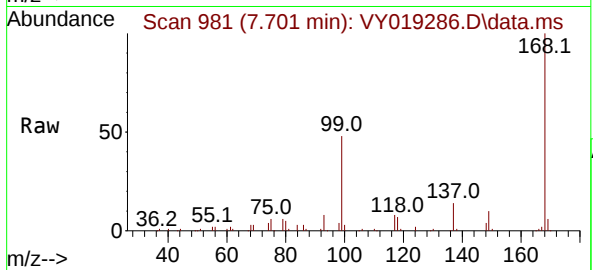




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

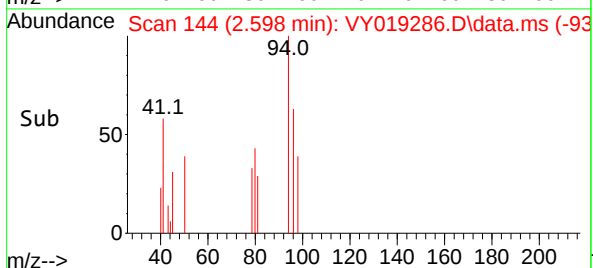
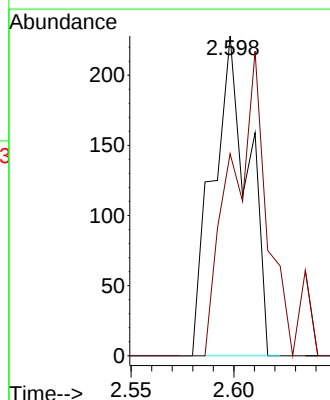
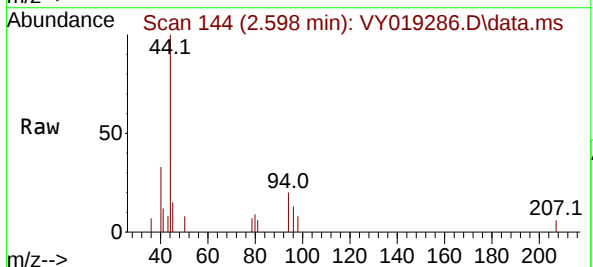
Instrument :
MSVOA_Y
ClientSampleId :

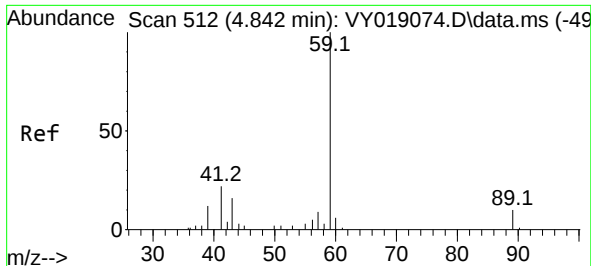
Tgt Ion:168 Resp: 59882
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

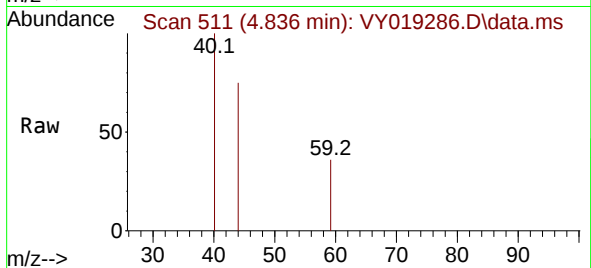
Tgt Ion: 94 Resp: 274
Ion Ratio Lower Upper
94 100
96 63.2 74.1 111.1#



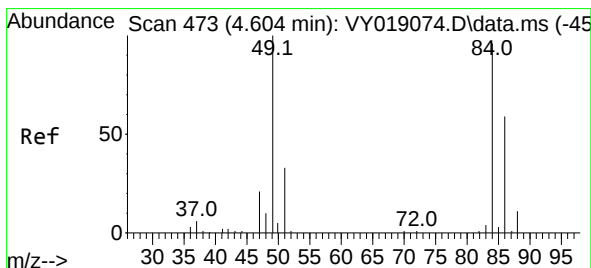
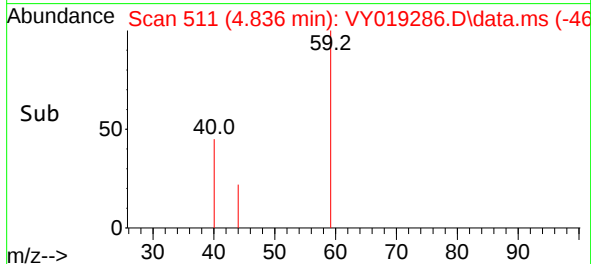
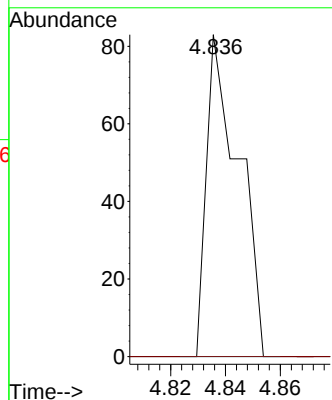


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :

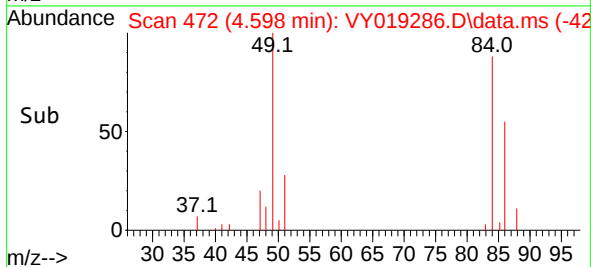
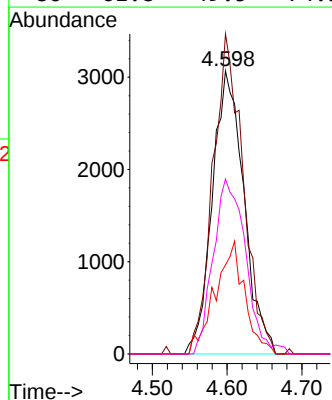
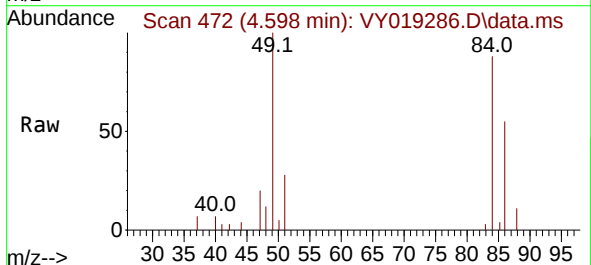


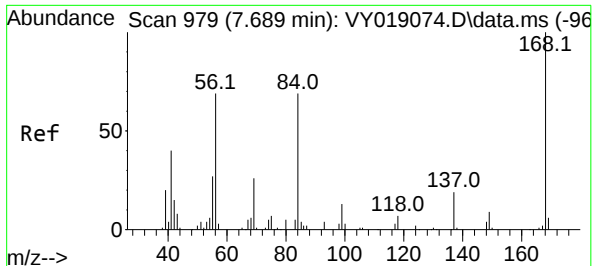
Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#20
Methylene Chloride
Concen: 3.553 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

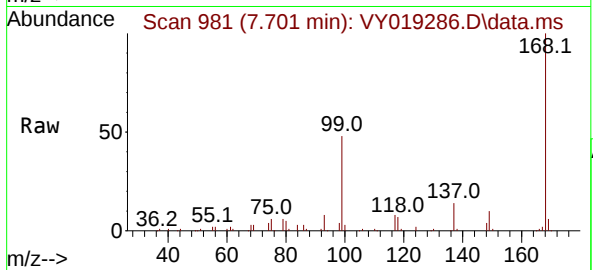
Tgt Ion: 84 Resp: 9024
Ion Ratio Lower Upper
84 100
49 113.0 84.4 126.6
51 31.4 26.0 39.0
86 61.8 49.5 74.3



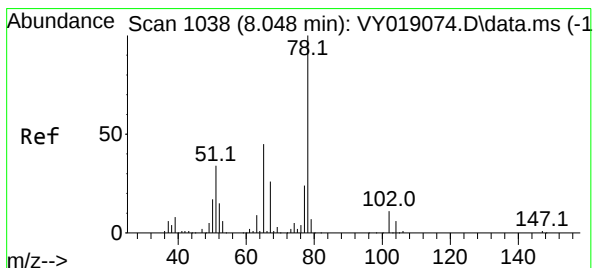
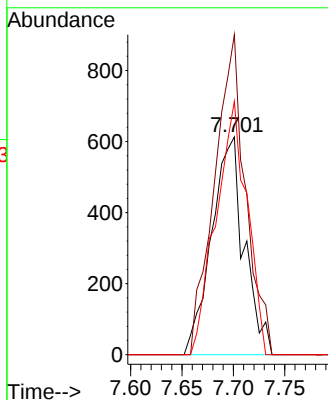
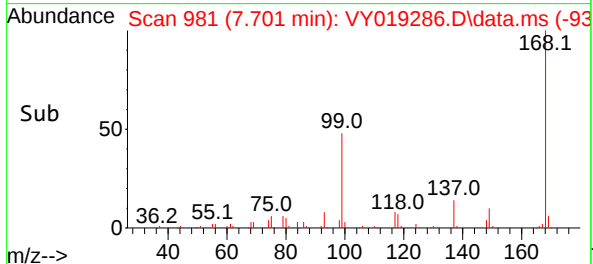


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :

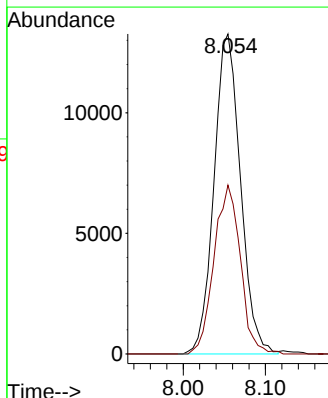
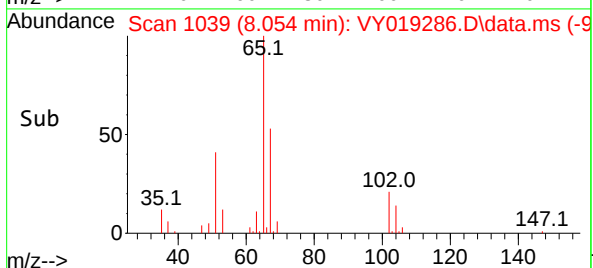
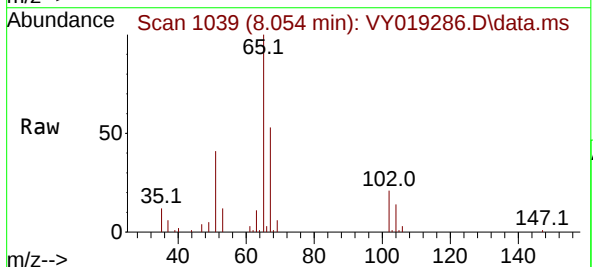


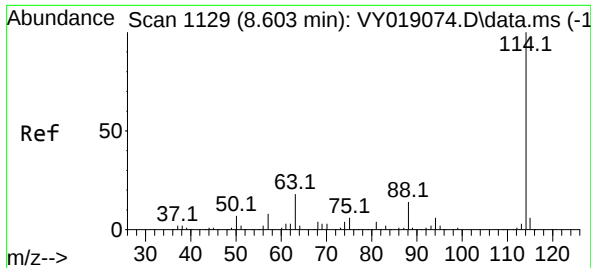
Tgt Ion: 56 Resp: 1350
Ion Ratio Lower Upper
56 100
69 147.0 28.7 43.1#
84 116.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 49.478 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion: 65 Resp: 29700
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

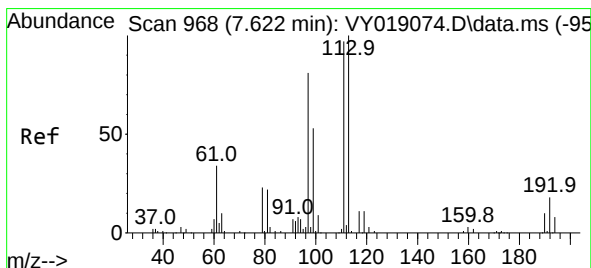
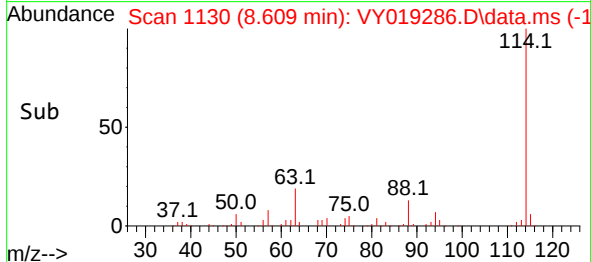
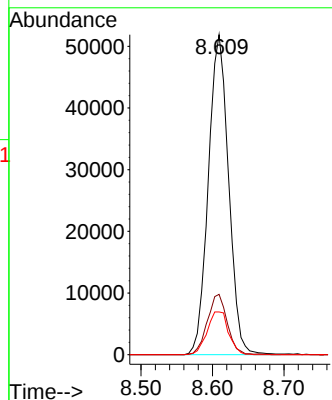
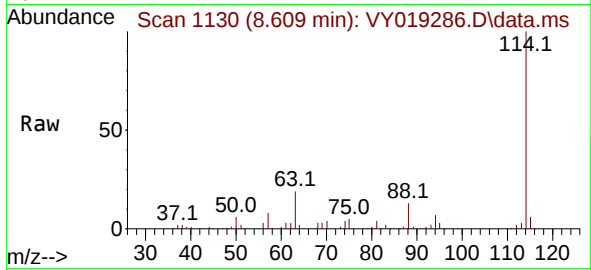




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

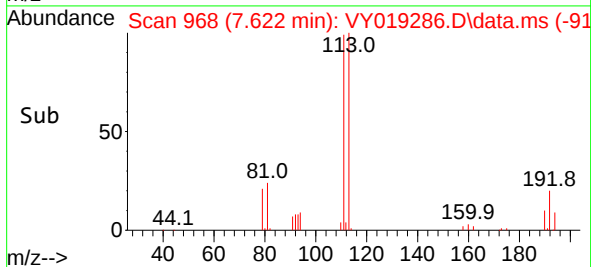
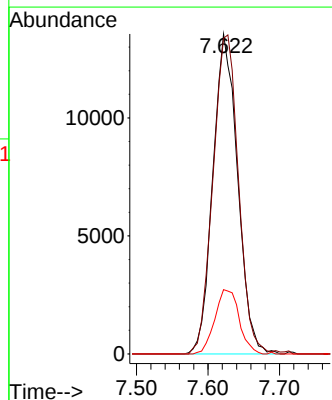
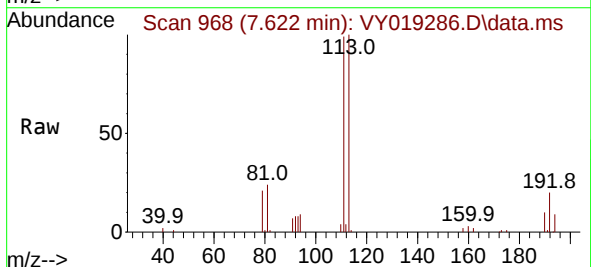
Instrument :
MSVOA_Y
ClientSampleId :

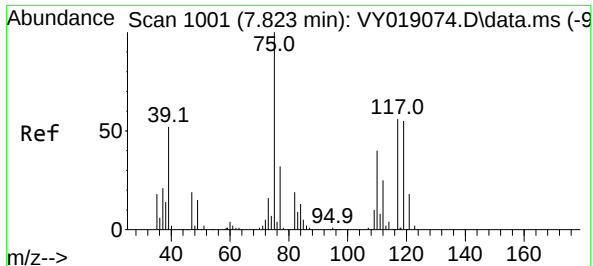
Tgt Ion:114 Resp: 102078
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 13.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion:113 Resp: 32559
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.448 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.128 min

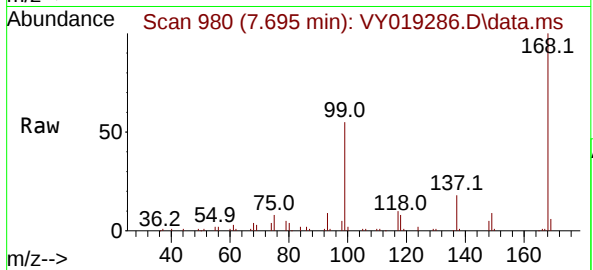
Lab File: VY019286.D

Acq: 27 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :



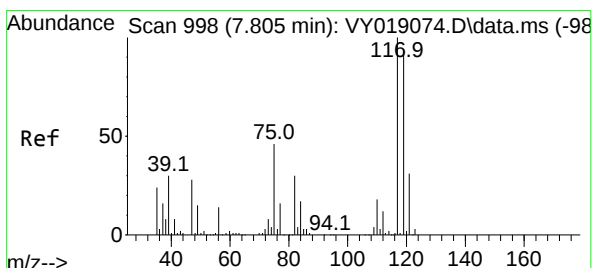
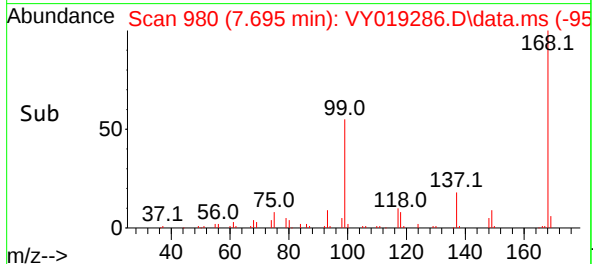
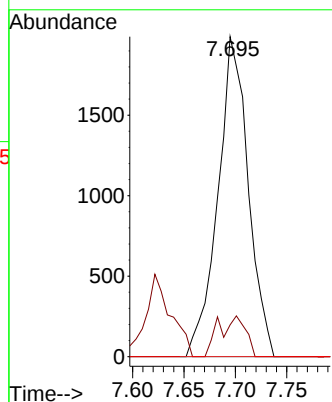
Tgt Ion: 75 Resp: 4077

Ion Ratio Lower Upper

75 100

110 7.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.430 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019286.D

Acq: 27 Aug 2024 15:11

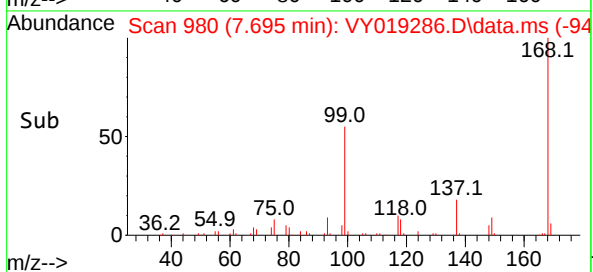
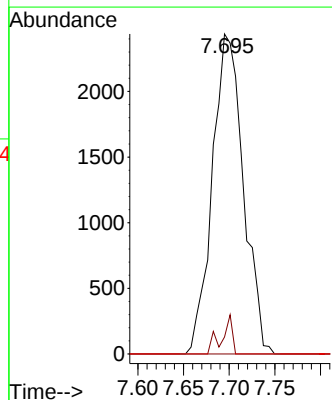
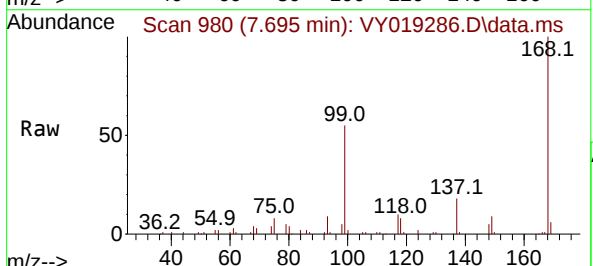
Tgt Ion: 117 Resp: 5768

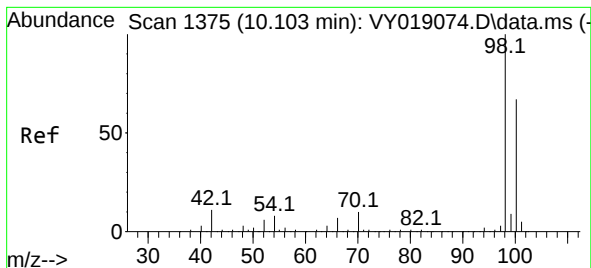
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.123 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019286.D

Acq: 27 Aug 2024 15:11

Instrument :

MSVOA_Y

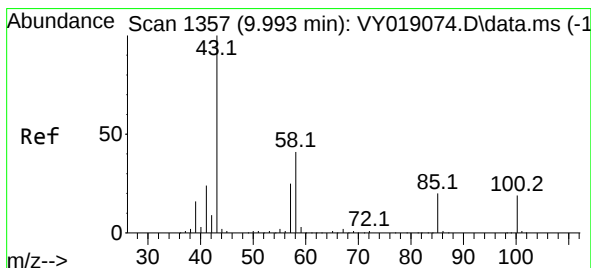
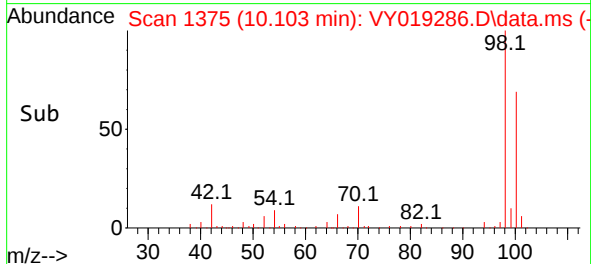
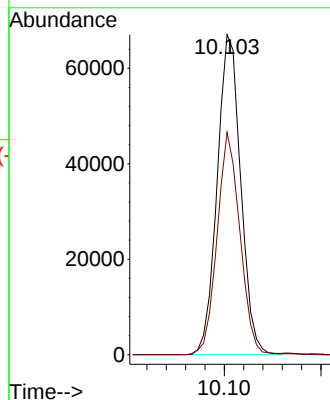
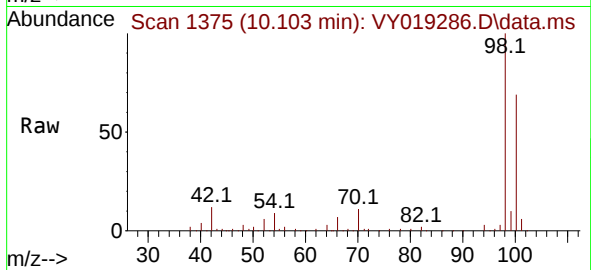
ClientSampleId :

Tgt Ion: 98 Resp: 113186

Ion Ratio Lower Upper

98 100

100 67.4 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.152 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019286.D

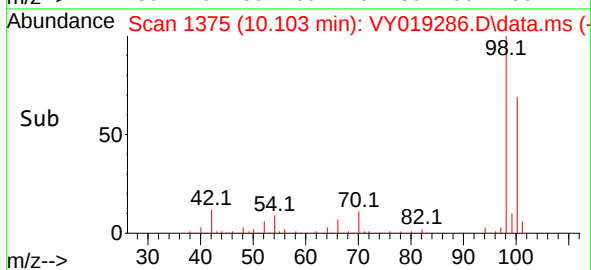
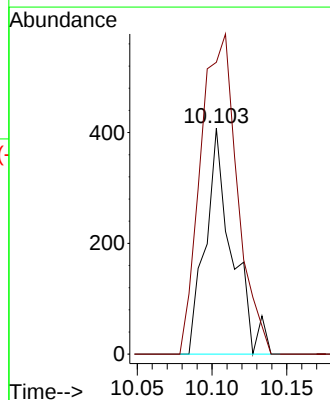
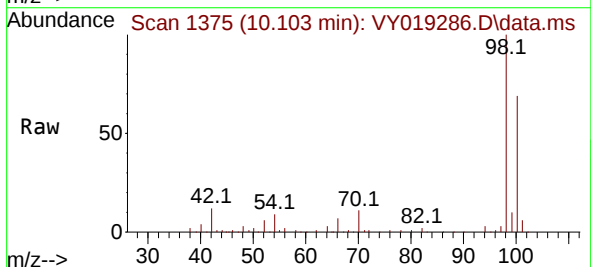
Acq: 27 Aug 2024 15:11

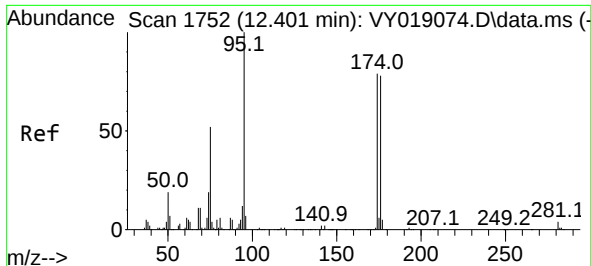
Tgt Ion: 43 Resp: 502

Ion Ratio Lower Upper

43 100

58 197.2 35.7 53.5#

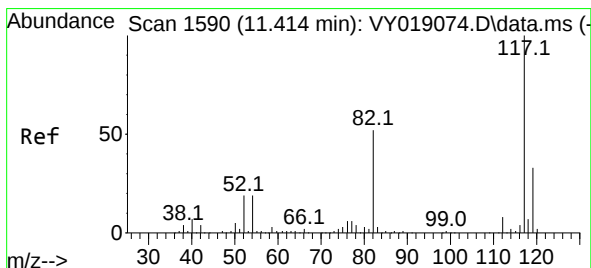
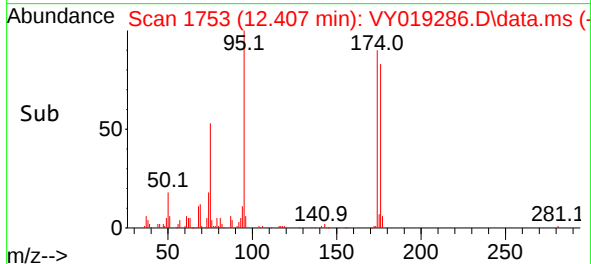
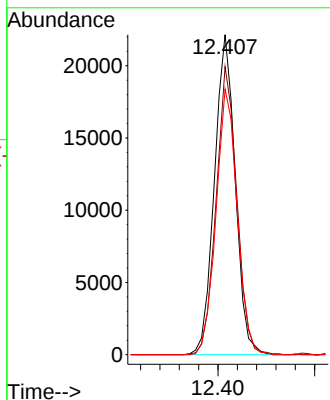
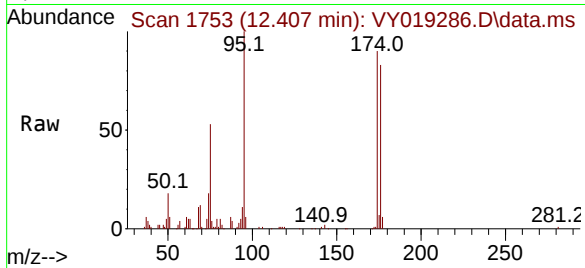




#62
4-Bromofluorobenzene
Concen: 40.315 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

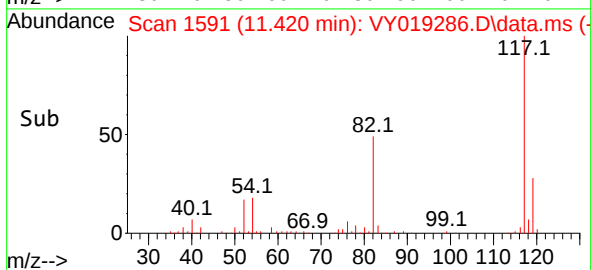
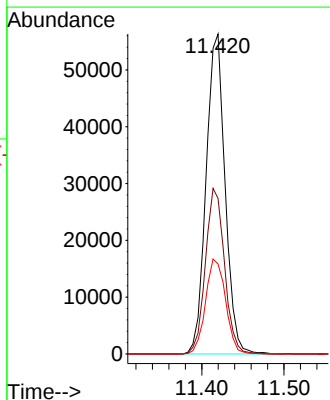
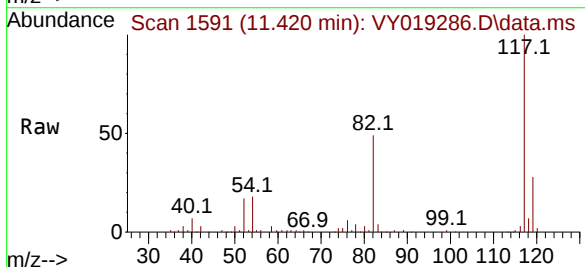
Instrument :
MSVOA_Y
ClientSampleId :

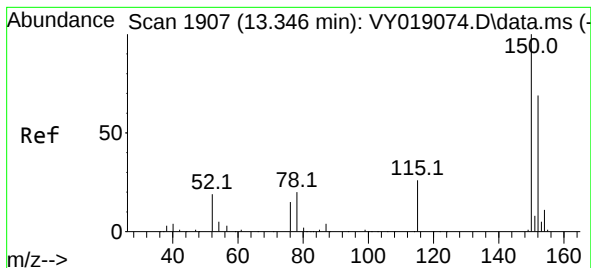
Tgt Ion: 95 Resp: 33010
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 84.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion: 117 Resp: 90327
Ion Ratio Lower Upper
117 100
82 48.6 42.4 63.6
119 28.1 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: VY019286.D

Acq: 27 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

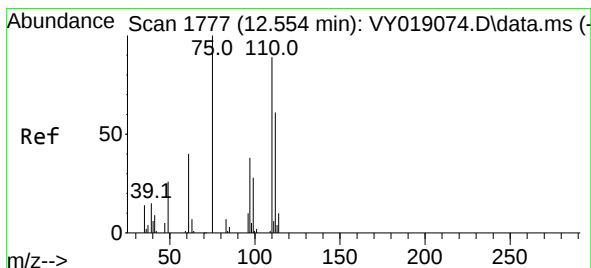
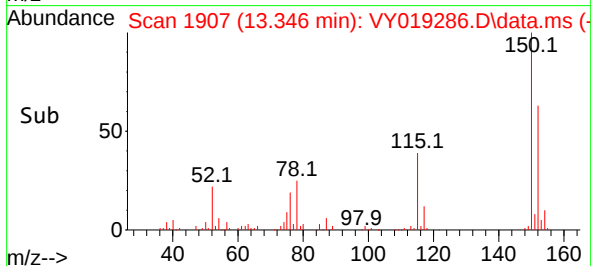
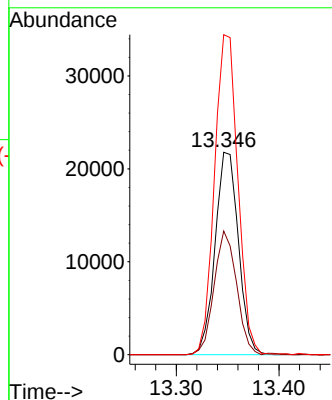
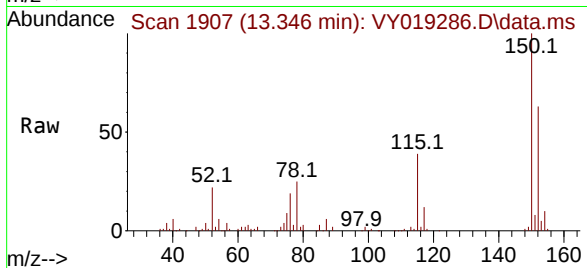
Tgt Ion:152 Resp: 34286

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 158.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 52.587 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019286.D

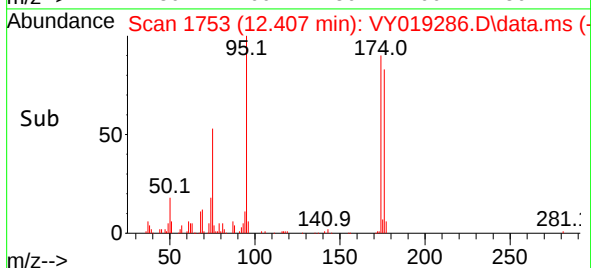
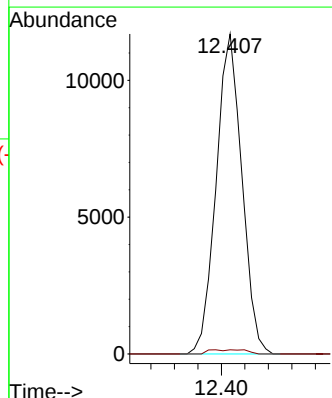
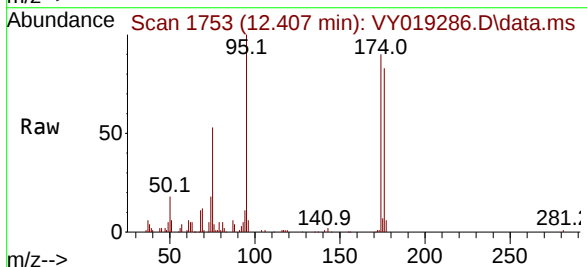
Acq: 27 Aug 2024 15:11

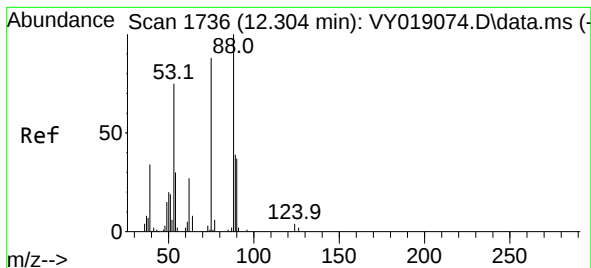
Tgt Ion: 75 Resp: 17781

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

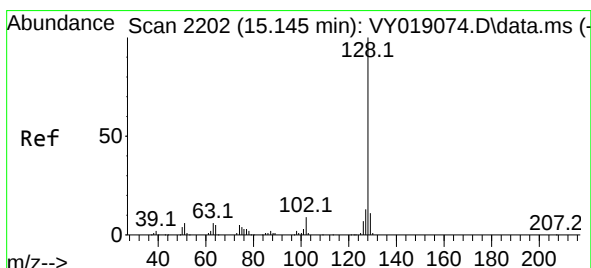
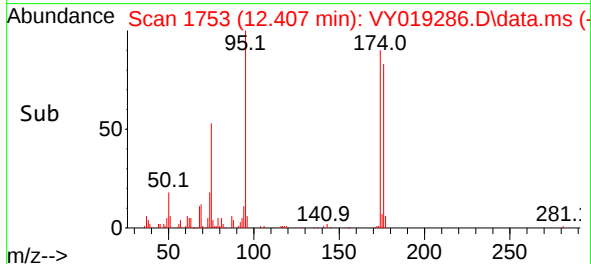
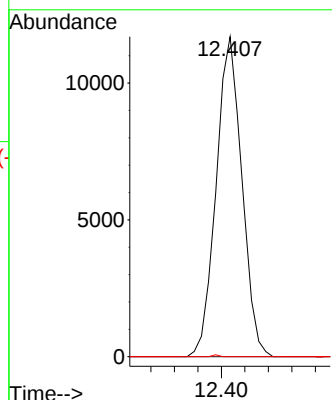
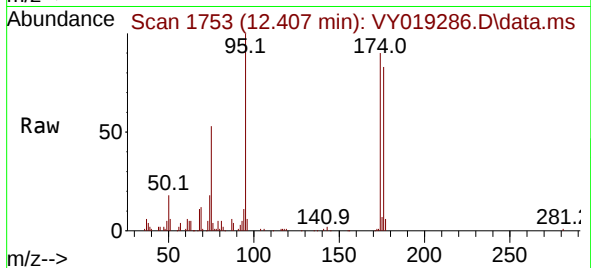




#81
trans-1,4-Dichloro-2-butene
Concen: 129.874 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17781
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 1.478 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019286.D
Acq: 27 Aug 2024 15:11

Tgt Ion: 128 Resp: 1628
Ion Ratio Lower Upper
128 100
127 11.4 10.6 16.0
129 8.0 8.6 13.0#

