

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019294.D
 Acq On : 27 Aug 2024 18:30
 Operator : SY/MD
 Sample : P3663-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

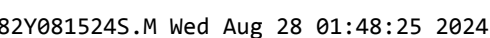
Quant Time: Aug 28 01:48:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

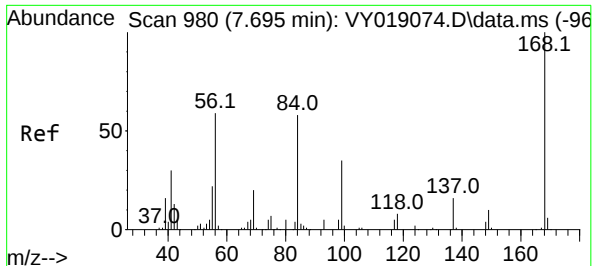
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	73871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	118068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	126231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	48747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	41378	55.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.760%	
35) Dibromofluoromethane	7.622	113	43886	56.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.700%	
50) Toluene-d8	10.103	98	151506	54.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.408	95	48410	51.116	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	42	Below Cal	#	24
6) Chloroethane	2.848	64	51	Below Cal	#	42
16) Acetone	3.860	43	4794	34.909	ug/l	98
20) Methylene Chloride	4.598	84	7103	Below Cal	#	86
25) 2-Butanone	6.890	43	1618	7.316	ug/l	# 88
31) Cyclohexane	7.695	56	1741	Below Cal	#	40
36) 1,1-Dichloropropene	7.695	75	5718	5.394	ug/l	# 50
37) Ethyl Acetate	6.890	43	1618	3.445	ug/l	# 83
38) Carbon Tetrachloride	7.701	117	7215	5.873	ug/l	# 15
76) 1,2,3-Trichloropropane	12.408	75	26772	55.690	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	26772	137.535	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.060	105	4116	1.357	ug/l	# 30
85) sec-Butylbenzene	13.060	105	4116	1.005	ug/l	# 56

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

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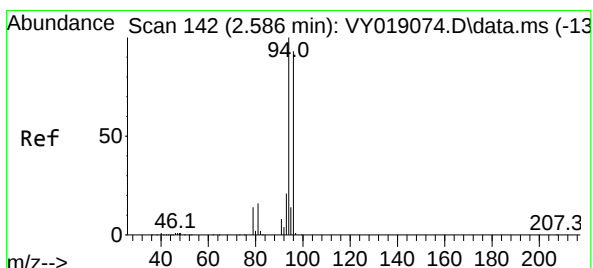
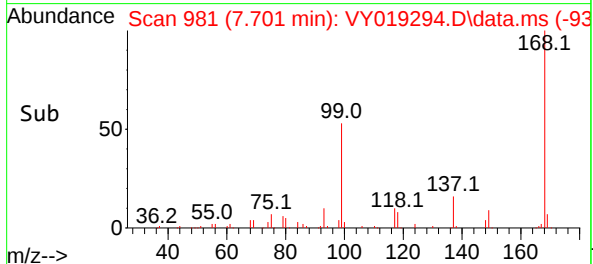
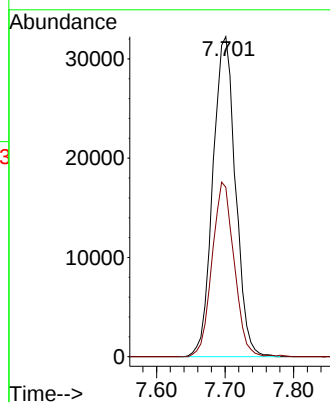
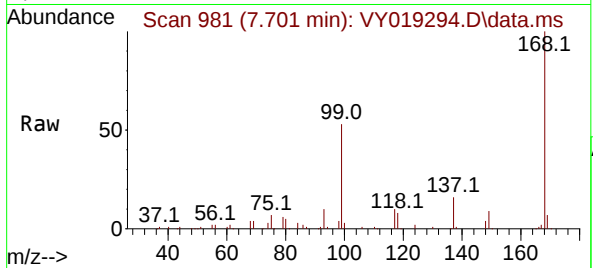




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

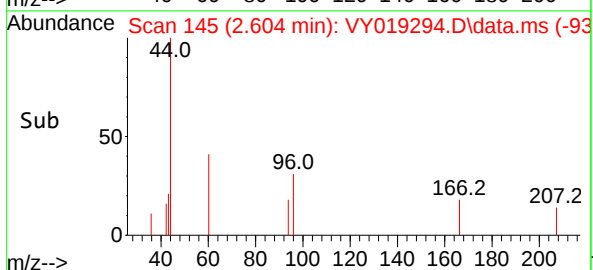
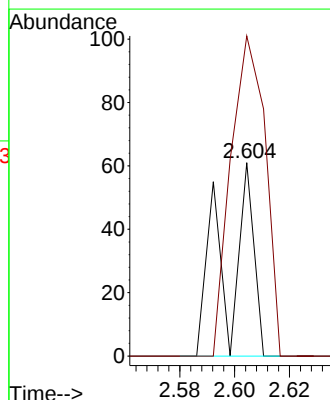
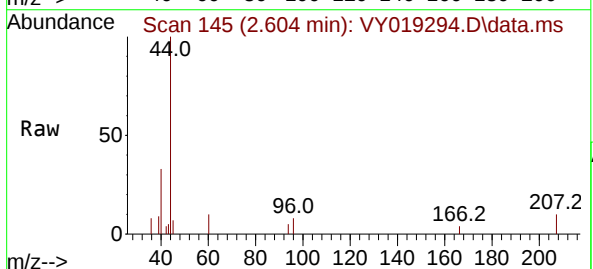
Instrument :
MSVOA_Y
ClientSampleId :

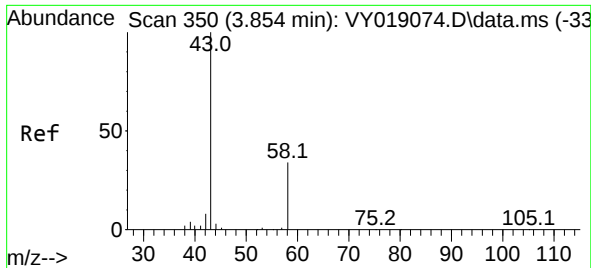
Tgt Ion:168 Resp: 73871
Ion Ratio Lower Upper
168 100
99 53.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 165.6 74.1 111.1#





#16

Acetone

Concen: 34.909 ug/l

RT: 3.860 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

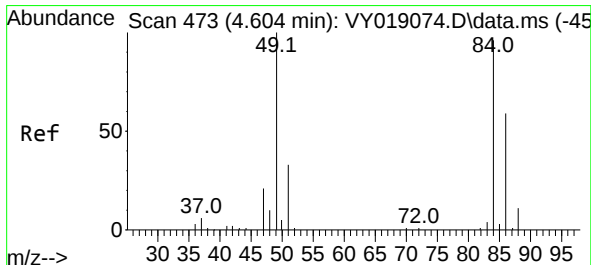
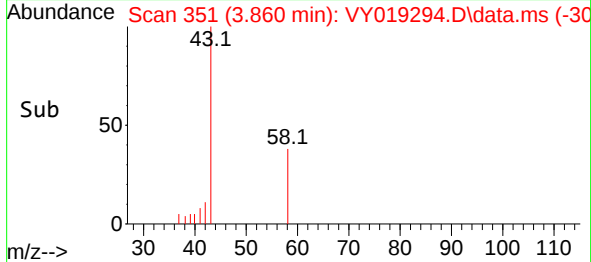
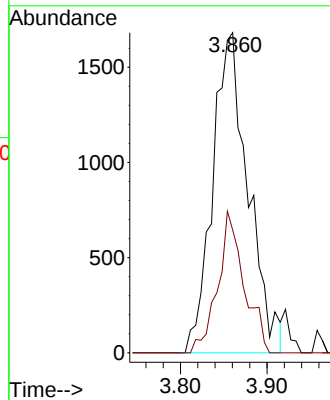
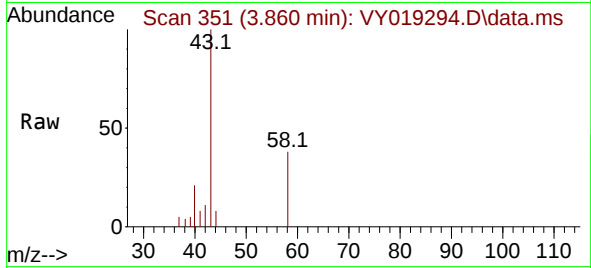
ClientSampleId :

Tgt Ion: 43 Resp: 4794

Ion Ratio Lower Upper

43 100

58 38.3 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Tgt Ion: 84 Resp: 7103

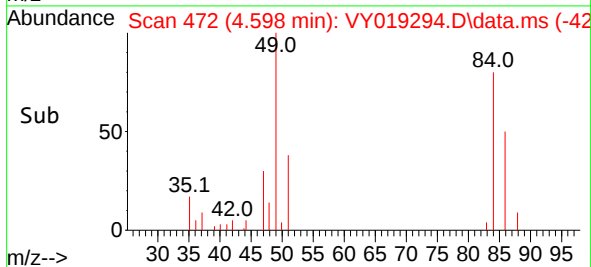
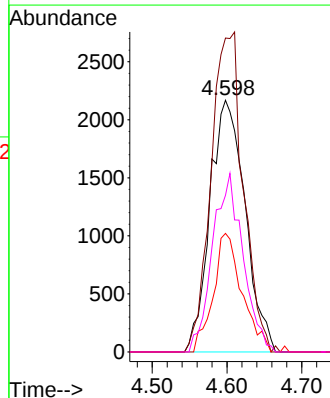
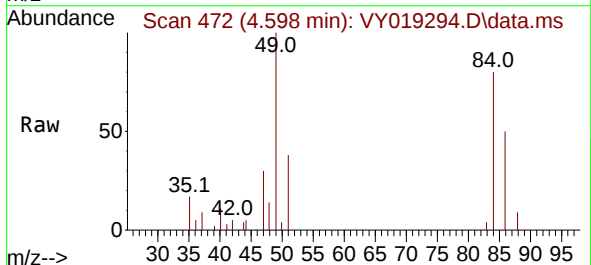
Ion Ratio Lower Upper

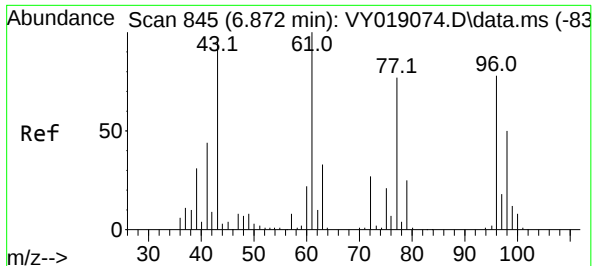
84 100

49 124.7 84.4 126.6

51 47.1 26.0 39.0#

86 62.3 49.5 74.3





#25

2-Butanone

Concen: 7.316 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

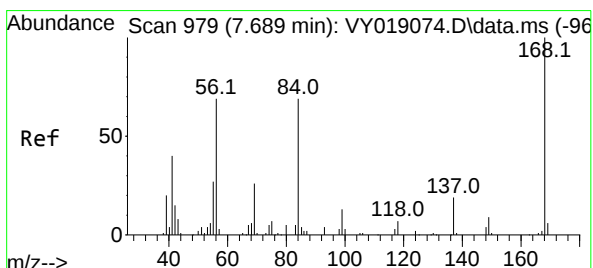
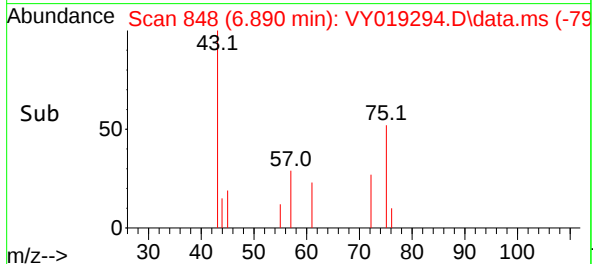
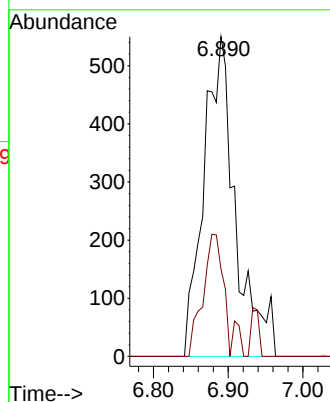
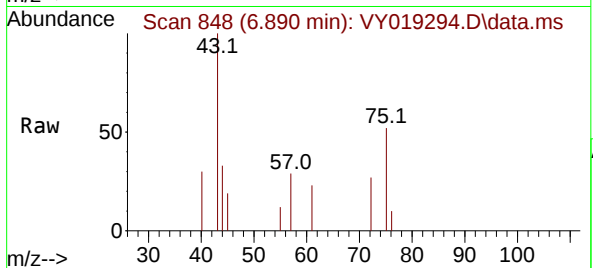
ClientSampleId :

Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

72 27.3 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

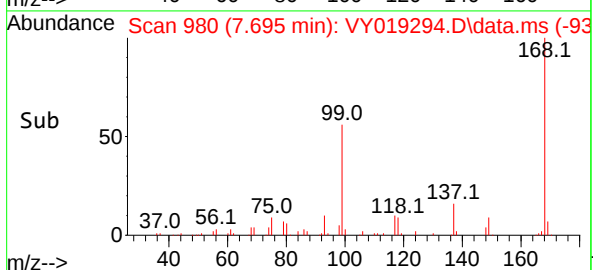
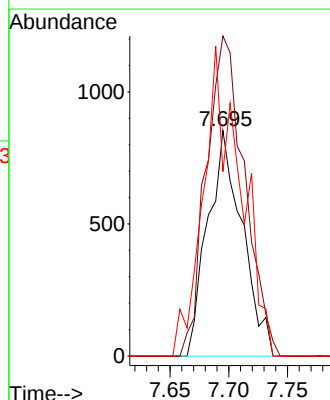
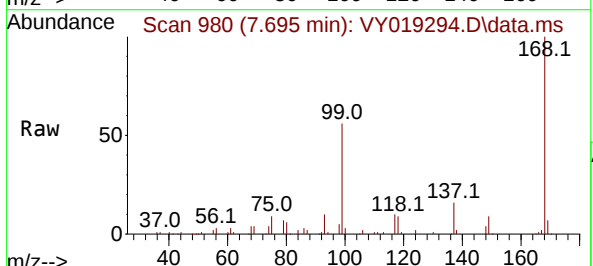
Tgt Ion: 56 Resp: 1741

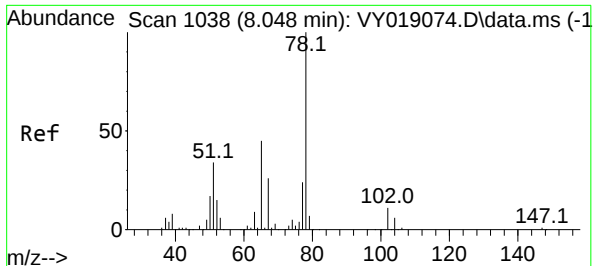
Ion Ratio Lower Upper

56 100

69 141.9 28.7 43.1#

84 81.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.879 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

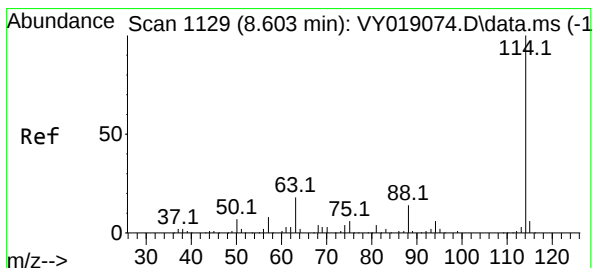
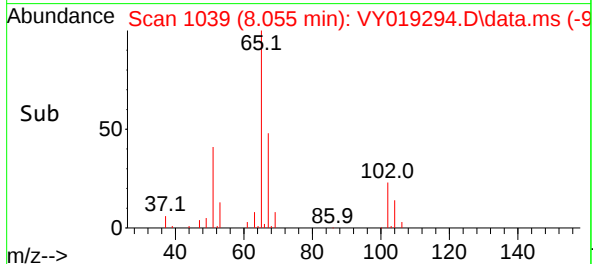
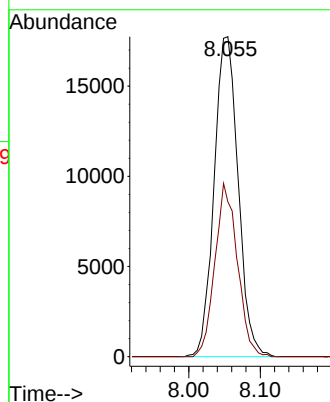
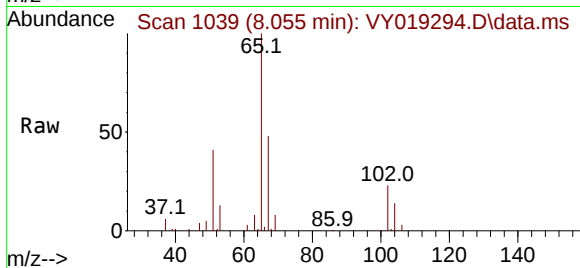
ClientSampleId :

Tgt Ion: 65 Resp: 41378

Ion Ratio Lower Upper

65 100

67 50.6 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: VY019294.D

Acq: 27 Aug 2024 18:30

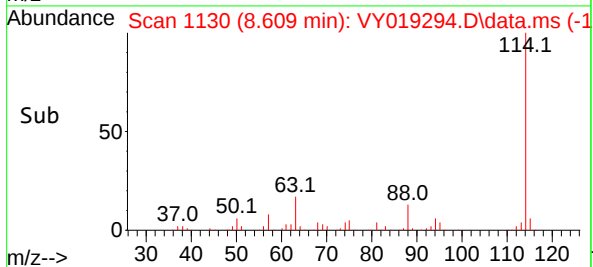
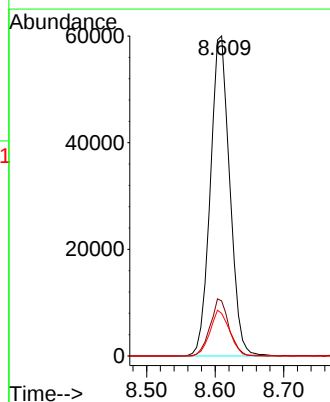
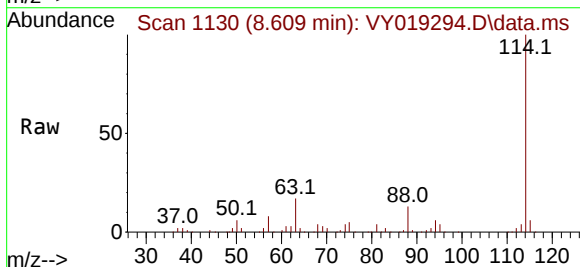
Tgt Ion: 114 Resp: 118068

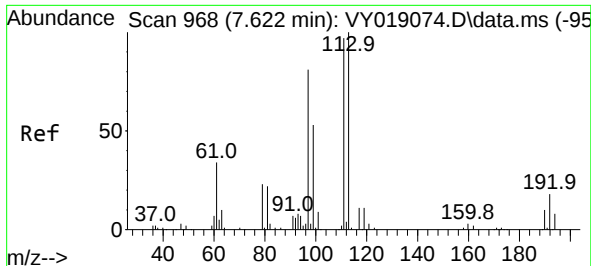
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

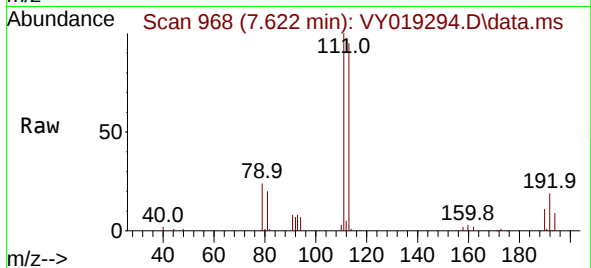
88 13.3 0.0 27.2



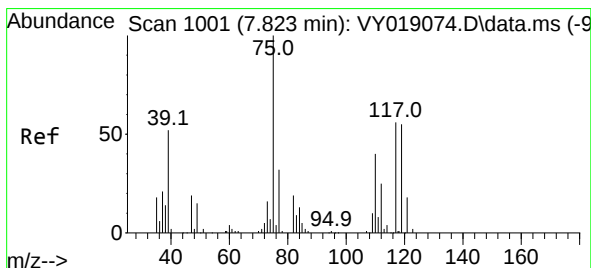
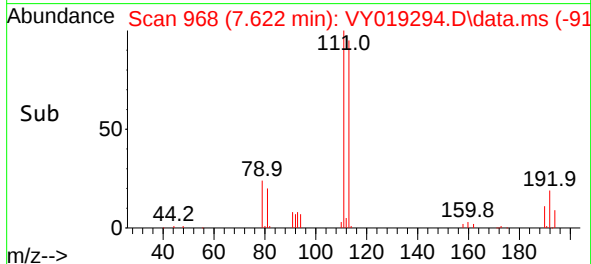
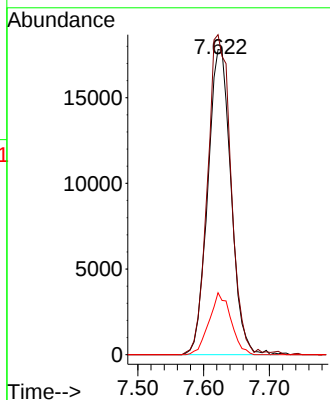


#35
Dibromofluoromethane
Concen: 56.847 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

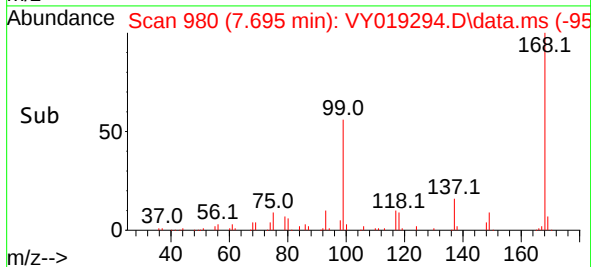
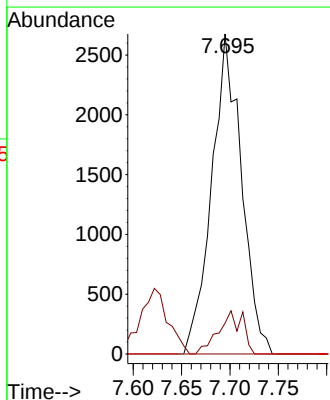
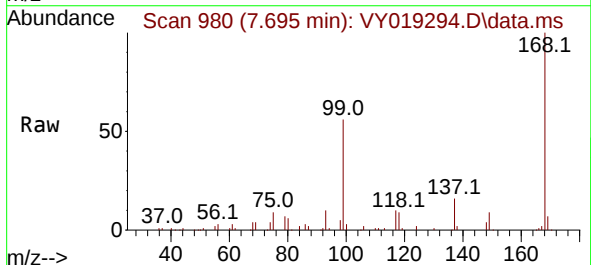


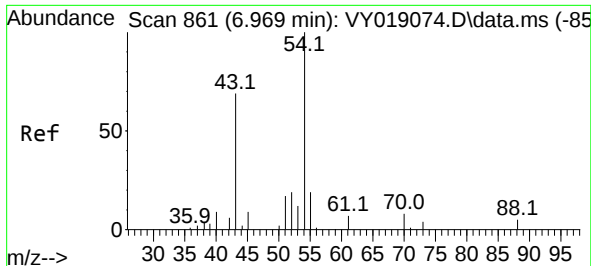
Tgt Ion:113 Resp: 43886
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.394 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion: 75 Resp: 5718
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.445 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.079 min

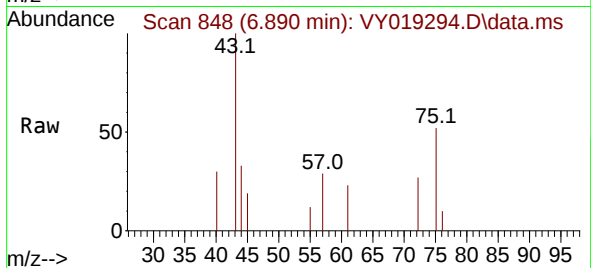
Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

ClientSampleId :



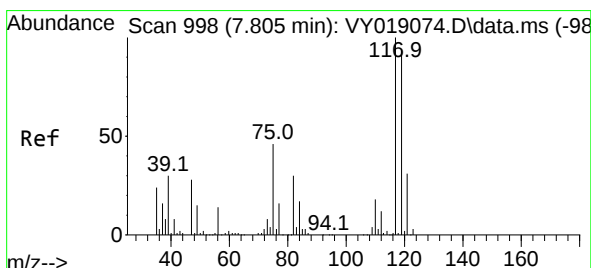
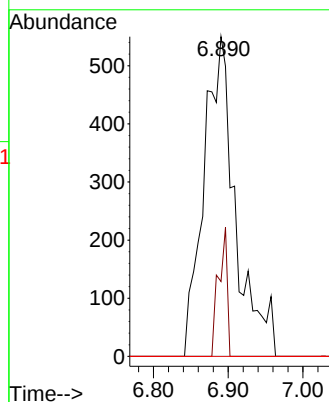
Tgt Ion: 43 Resp: 1618

Ion Ratio Lower Upper

43 100

61 11.1 12.6 19.0#

70 0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.873 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

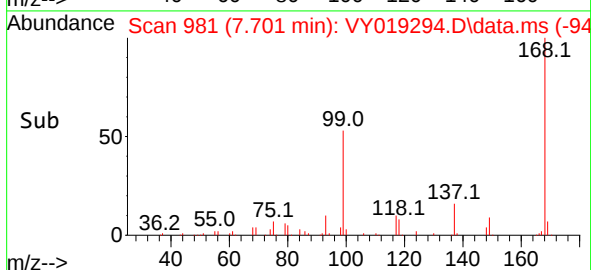
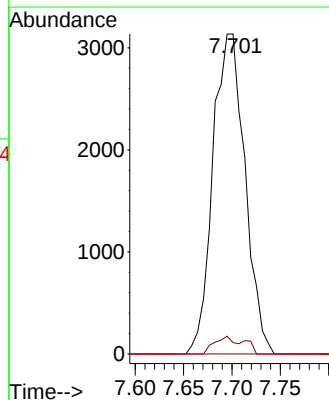
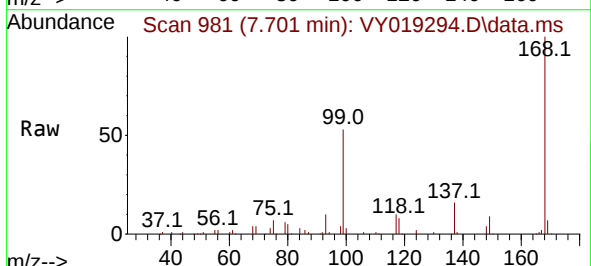
Tgt Ion: 117 Resp: 7215

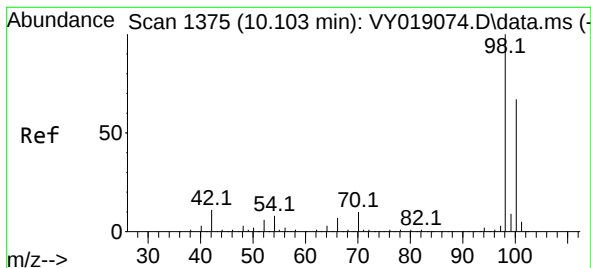
Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 54.535 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

Instrument :

MSVOA_Y

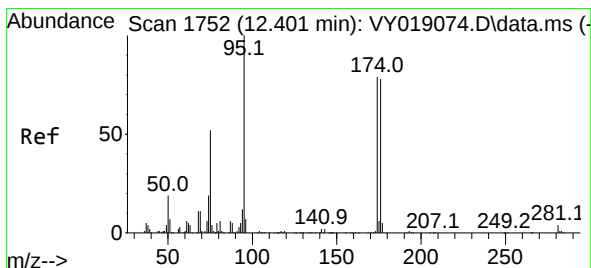
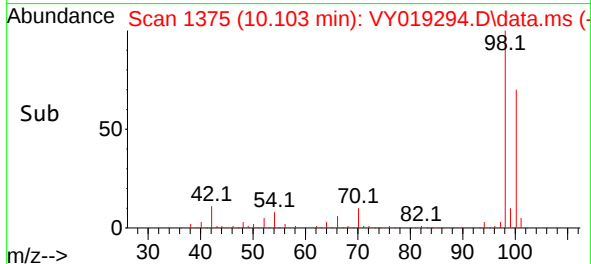
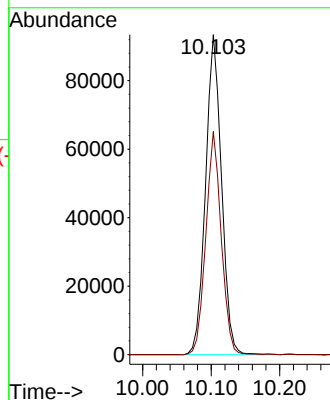
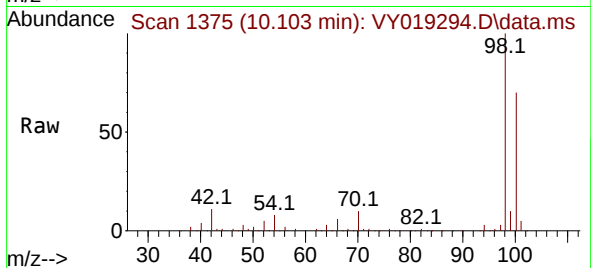
ClientSampleId :

Tgt Ion: 98 Resp: 151506

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.116 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019294.D

Acq: 27 Aug 2024 18:30

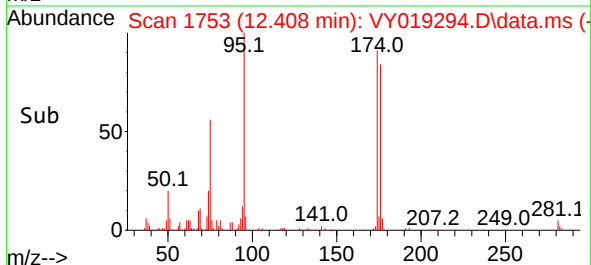
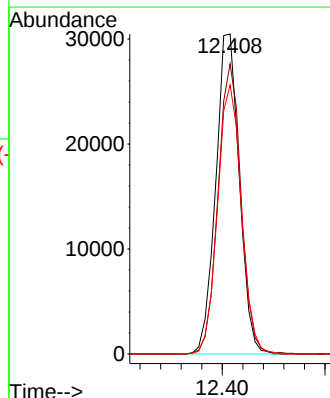
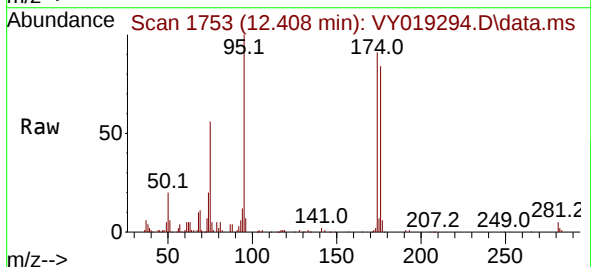
Tgt Ion: 95 Resp: 48410

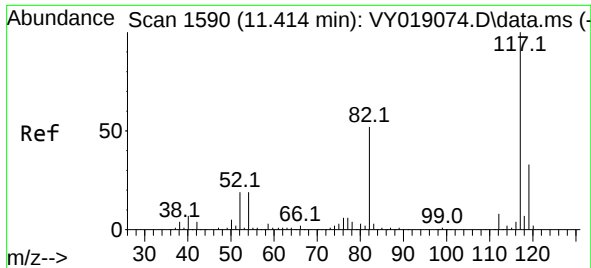
Ion Ratio Lower Upper

95 100

174 88.9 0.0 175.6

176 84.8 0.0 171.4

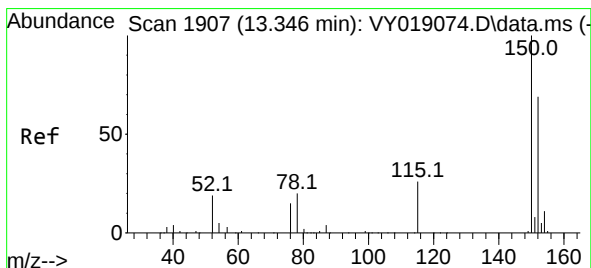
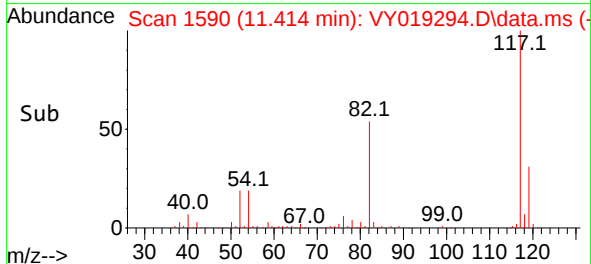
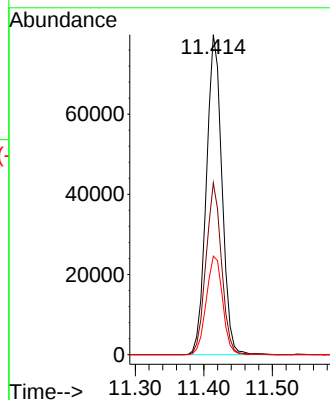
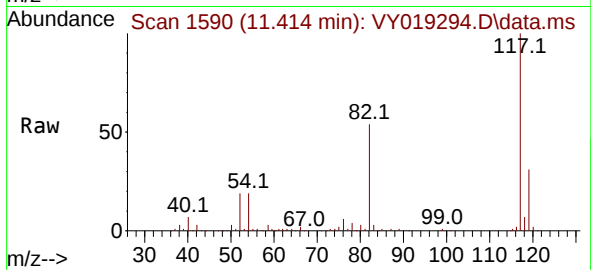




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

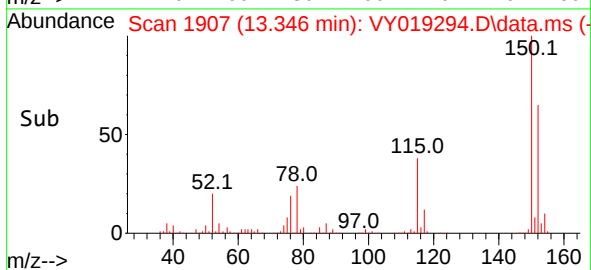
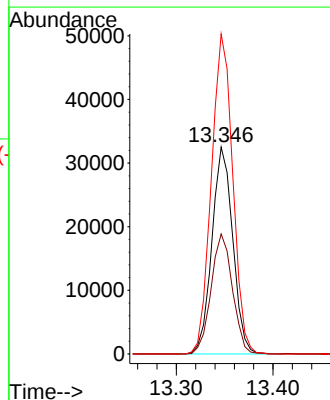
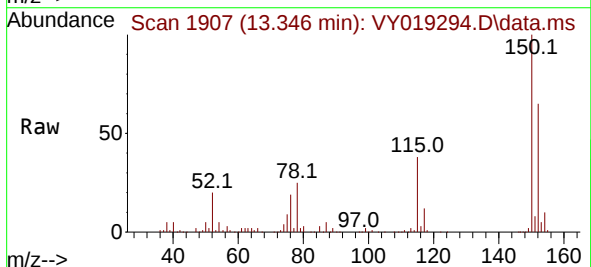
Instrument :
MSVOA_Y
ClientSampleId :

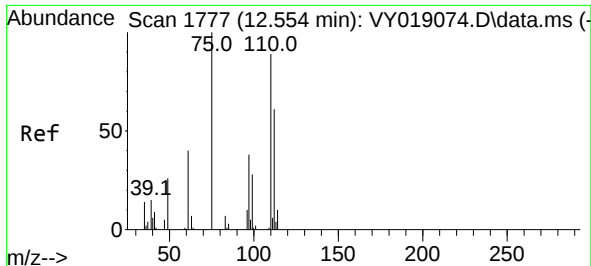
Tgt Ion:117 Resp: 126231
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion:152 Resp: 48747
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.2 0.0 345.6

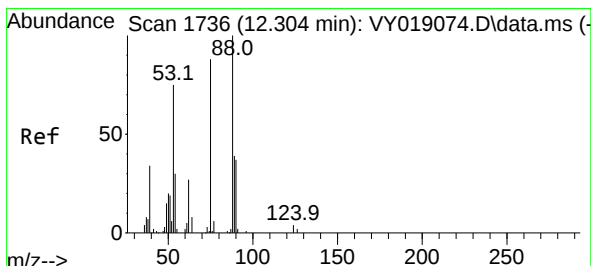
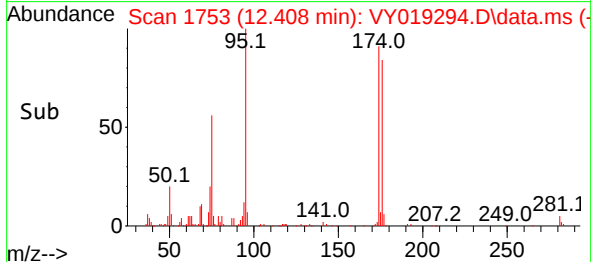
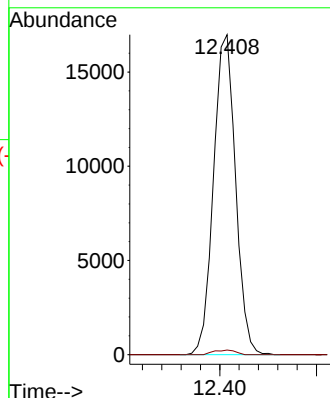
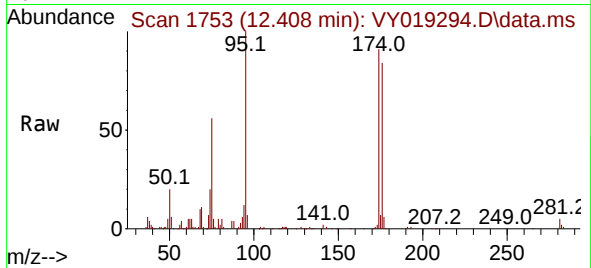




#76
1,2,3-Trichloropropane
Concen: 55.690 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

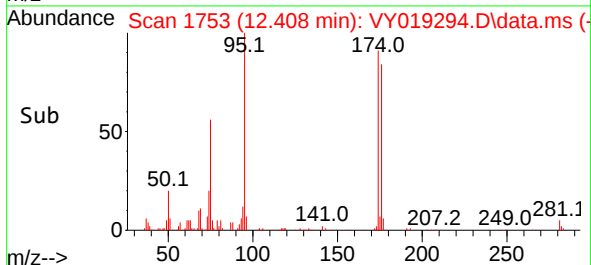
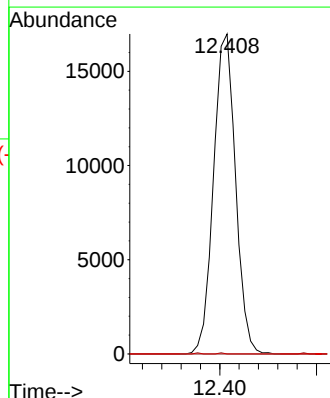
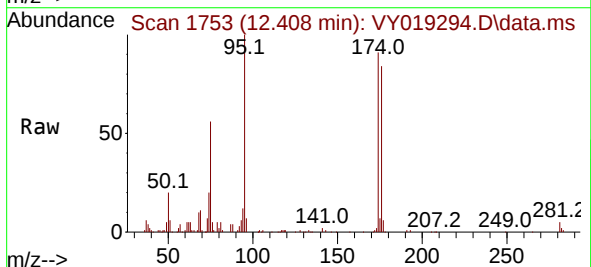
Instrument :
MSVOA_Y
ClientSampleId :

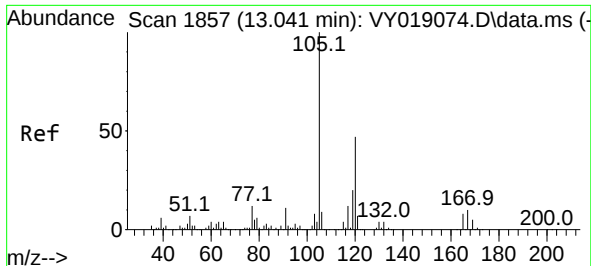
Tgt Ion: 75 Resp: 26772
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.535 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion: 75 Resp: 26772
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

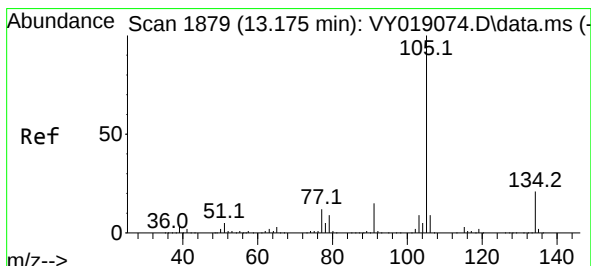
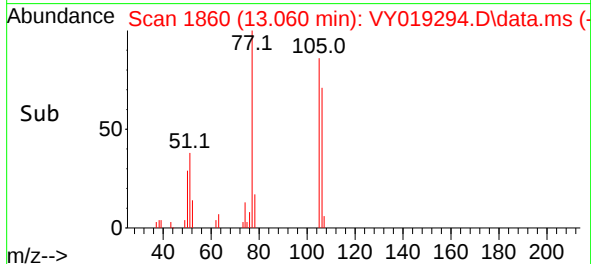
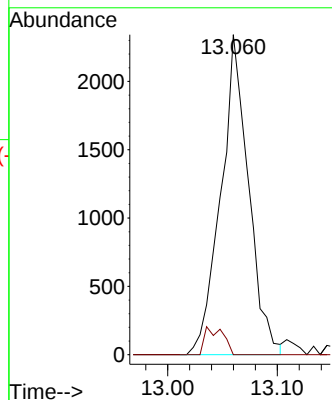
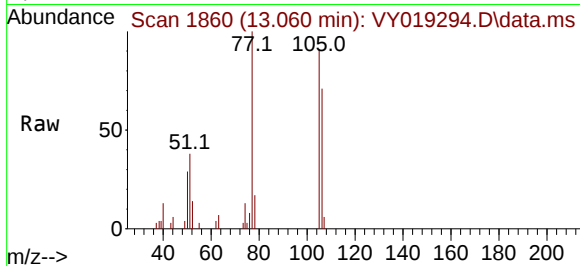




#84
1,2,4-Trimethylbenzene
Concen: 1.357 ug/l
RT: 13.060 min Scan# 1860
Delta R.T. 0.018 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 4116
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#85
sec-Butylbenzene
Concen: 1.005 ug/l
RT: 13.060 min Scan# 1860
Delta R.T. -0.116 min
Lab File: VY019294.D
Acq: 27 Aug 2024 18:30

Tgt Ion:105 Resp: 4116
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

