

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019311.D
 Acq On : 28 Aug 2024 03:47
 Operator : SY/MD
 Sample : P3660-02
 Misc : 8.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 05:03:35 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)

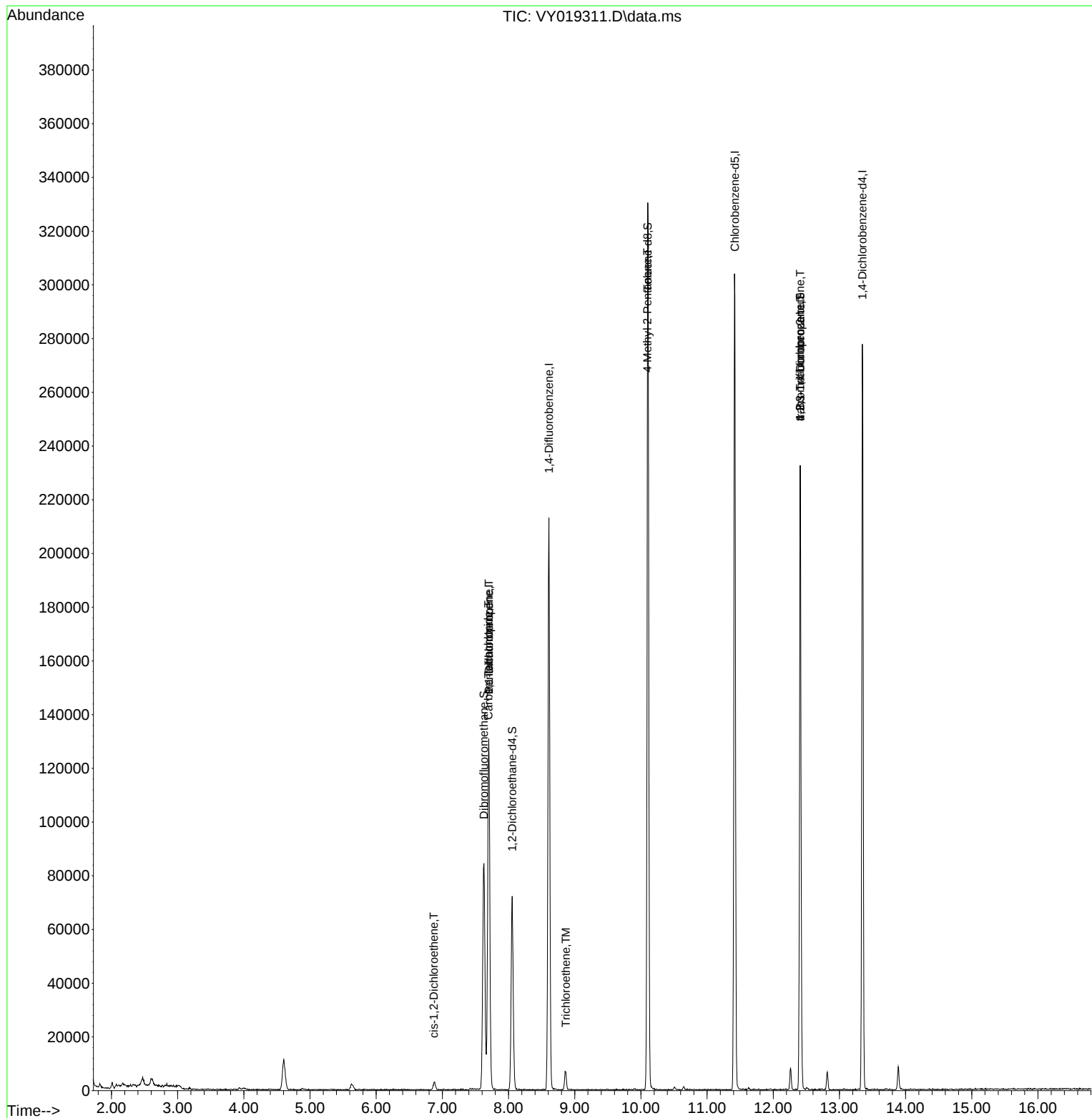
Internal Standards						
1) Pentafluorobenzene	7.701	168	103626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	173169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	69125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	52994	51.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.040%	
35) Dibromofluoromethane	7.628	113	59605	49.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.500%	
50) Toluene-d8	10.103	98	212414	48.767	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.540%	
62) 4-Bromofluorobenzene	12.408	95	66593	44.848	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	1867	Below Cal		84
6) Chloroethane	2.745	64	45	Below Cal	#	42
20) Methylene Chloride	4.604	84	8200	Below Cal		95
27) cis-1,2-Dichloroethene	6.872	96	1569	1.154	ug/l	90
31) Cyclohexane	7.701	56	2002	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	7893	4.749	ug/l	# 47
38) Carbon Tetrachloride	7.695	117	10224	5.308	ug/l	# 16
44) Trichloroethene	8.866	130	2773	1.950	ug/l	79
51) 4-Methyl-2-Pentanone	10.097	43	830	1.050	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	34816	51.072	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	34816	126.132	ug/l	# 16

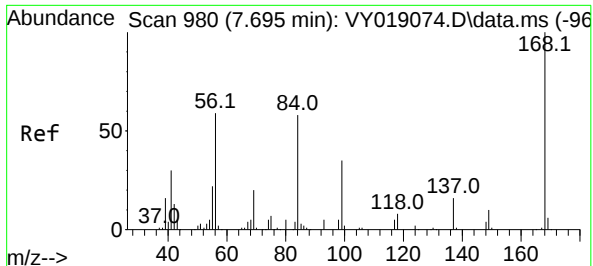
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
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Quant Time: Aug 28 05:03:35 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

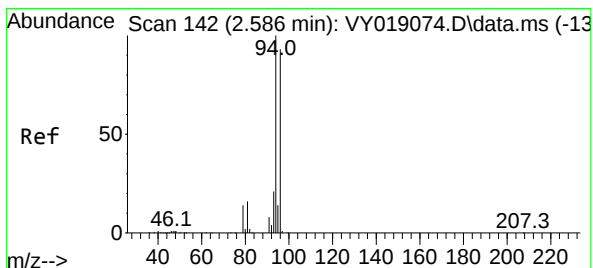
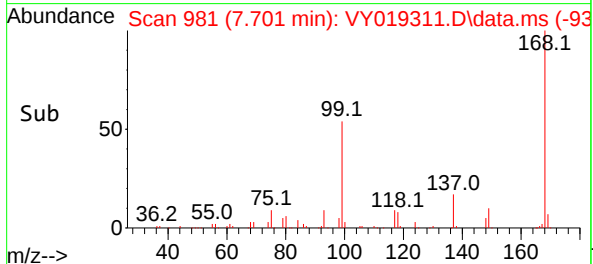
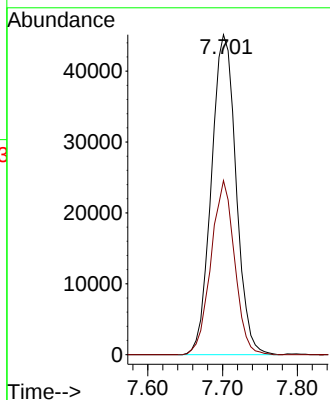
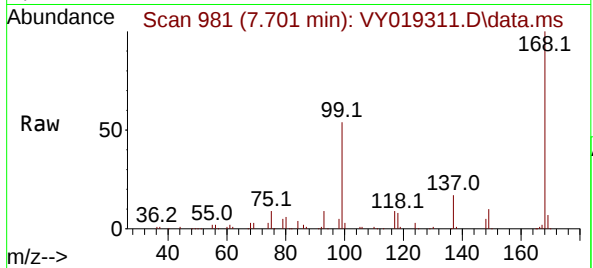




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

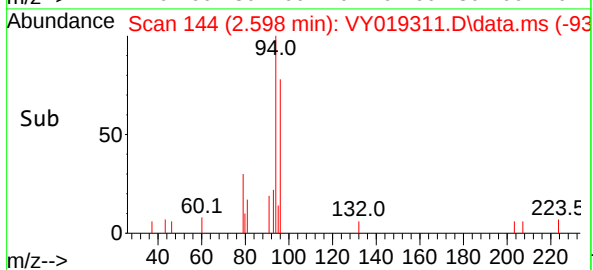
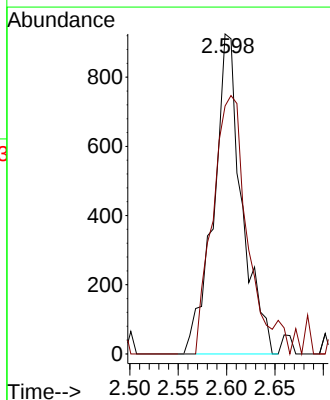
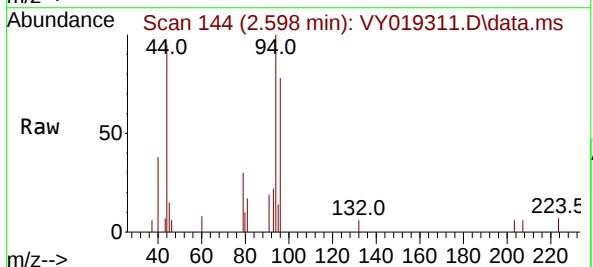
Instrument :
MSVOA_Y
ClientSampleId :

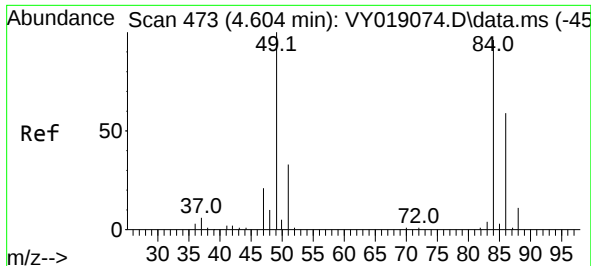
Tgt Ion:168 Resp: 103626
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

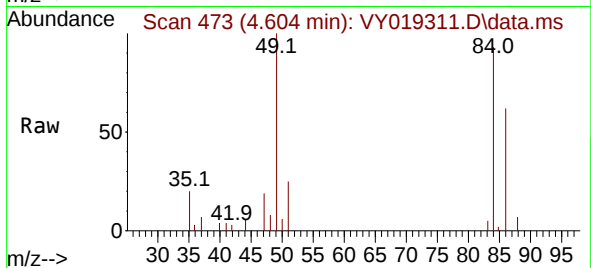
Tgt Ion: 94 Resp: 1867
Ion Ratio Lower Upper
94 100
96 77.5 74.1 111.1



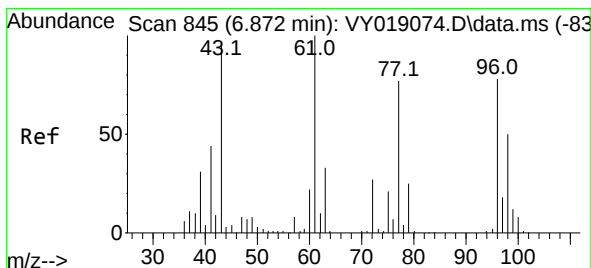
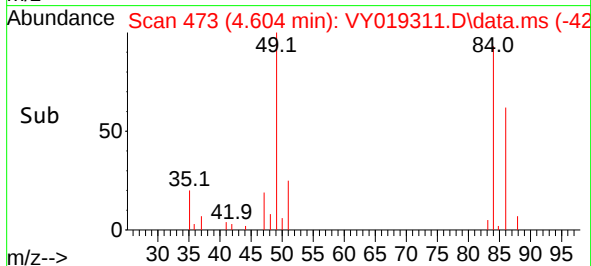
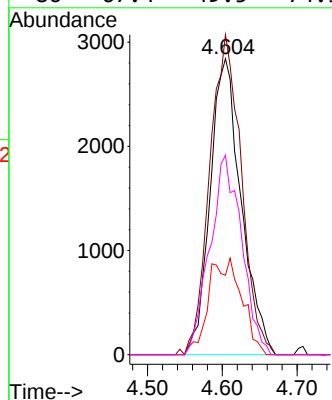


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Instrument :
MSVOA_Y
ClientSampleId :

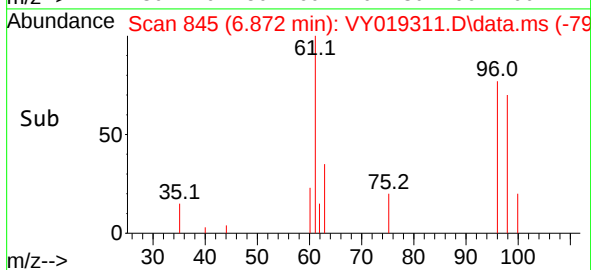
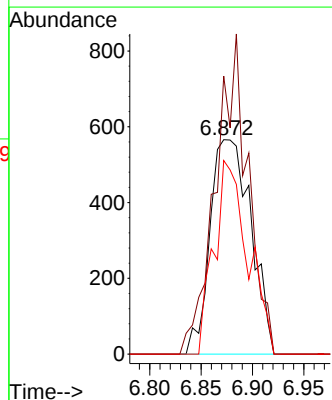
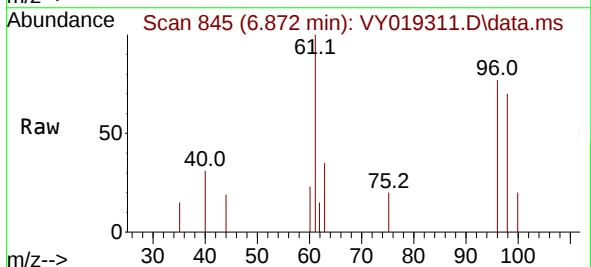


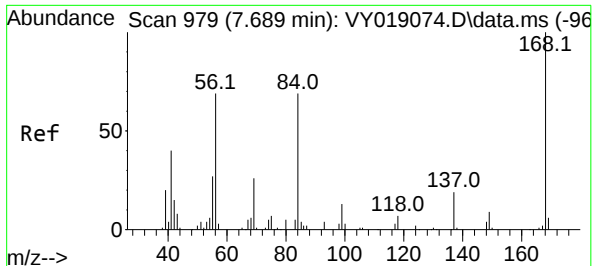
Tgt Ion: 84	Resp: 8200
Ion Ratio	Lower Upper
84 100	
49 108.1	84.4 126.6
51 26.8	26.0 39.0
86 67.4	49.5 74.3



#27
cis-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

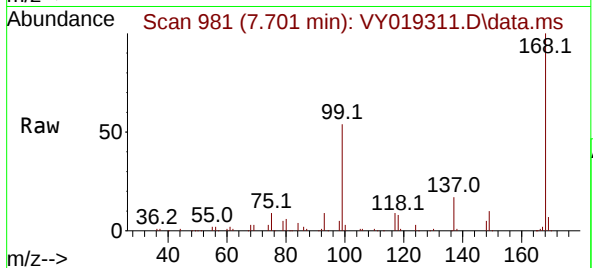
Tgt Ion: 96	Resp: 1569
Ion Ratio	Lower Upper
96 100	
61 118.0	0.0 256.2
98 74.5	0.0 130.0



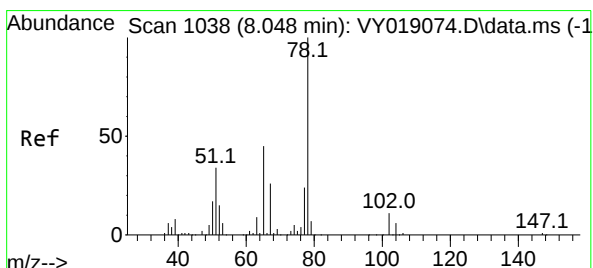
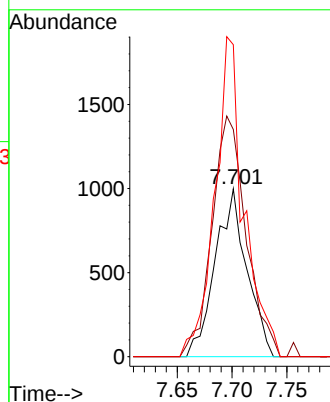
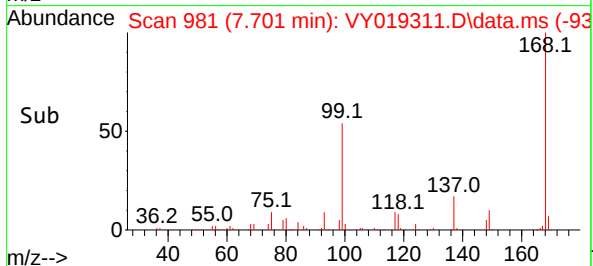


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Instrument :
MSVOA_Y
ClientSampleId :

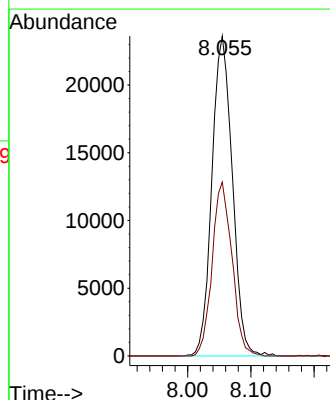
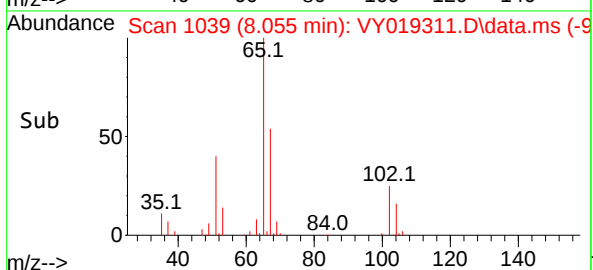
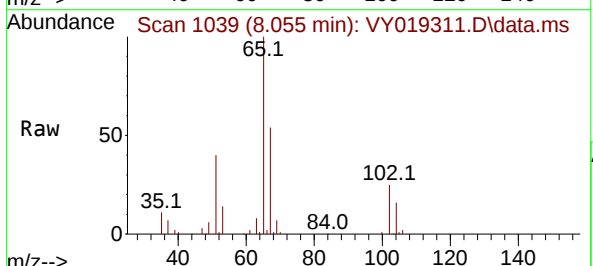


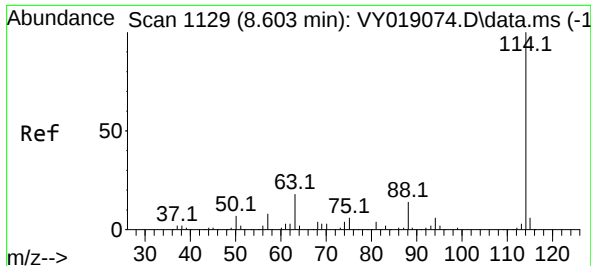
Tgt Ion: 56 Resp: 2002
Ion Ratio Lower Upper
56 100
69 135.4 28.7 43.1#
84 185.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.016 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion: 65 Resp: 52994
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

Instrument :

MSVOA_Y

ClientSampleId :

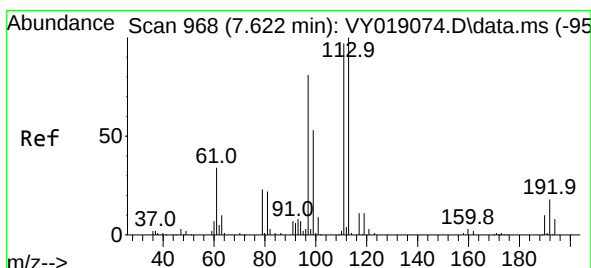
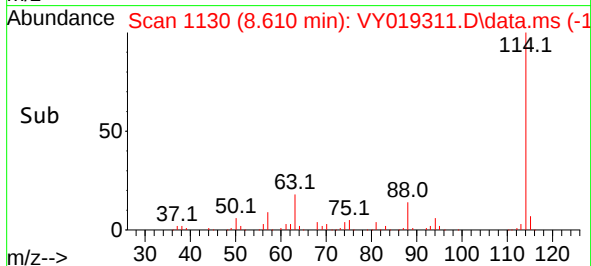
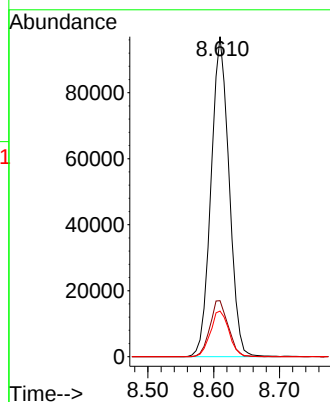
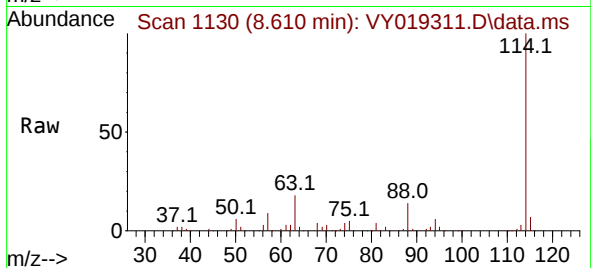
Tgt Ion:114 Resp: 185111

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.245 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

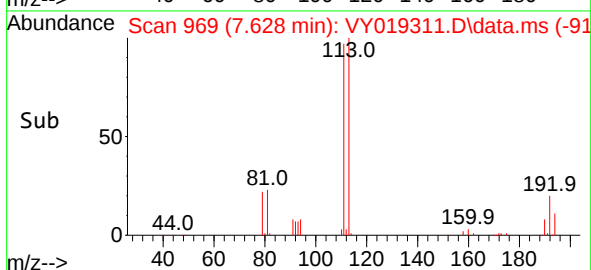
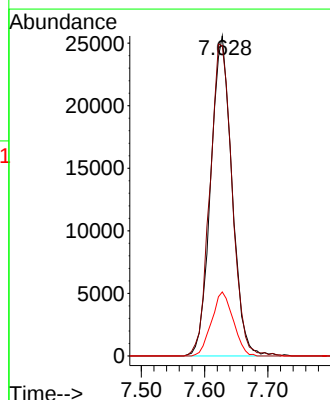
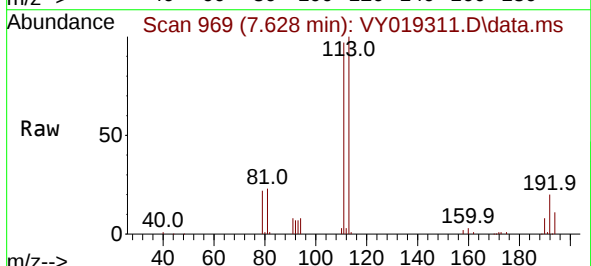
Tgt Ion:113 Resp: 59605

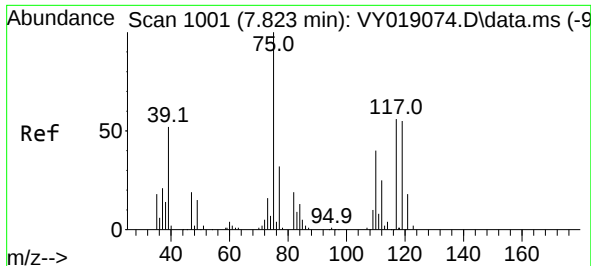
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.749 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.122 min

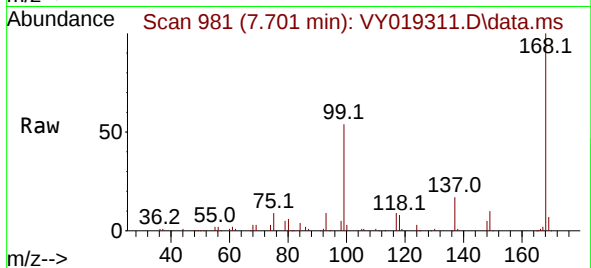
Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

Instrument :

MSVOA_Y

ClientSampleId :



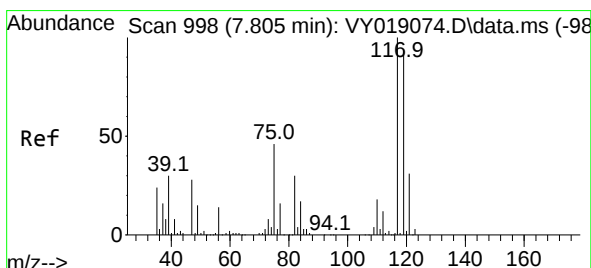
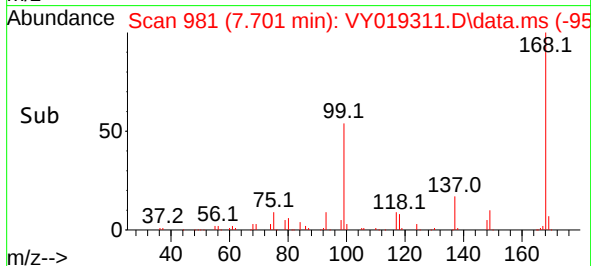
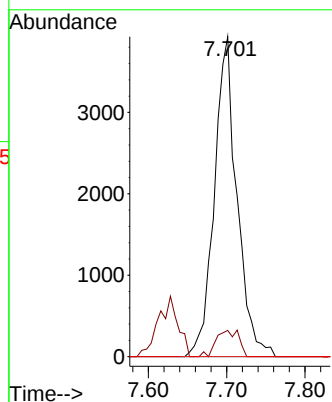
Tgt Ion: 75 Resp: 7893

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.308 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.109 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

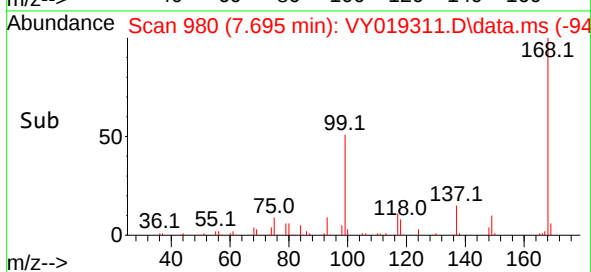
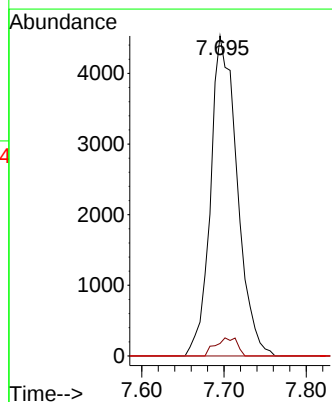
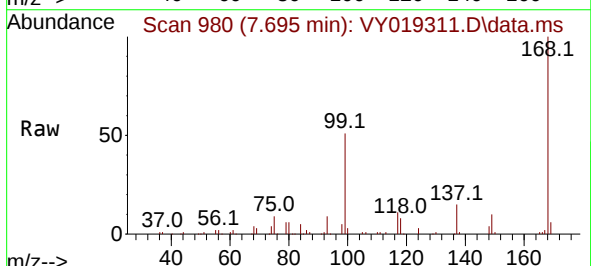
Tgt Ion: 117 Resp: 10224

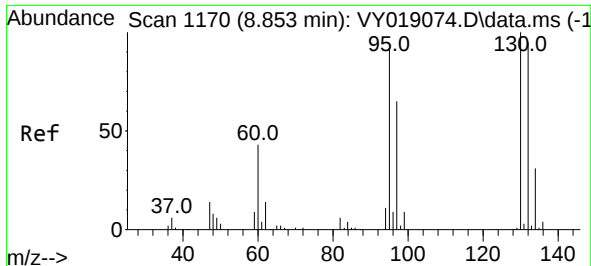
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#

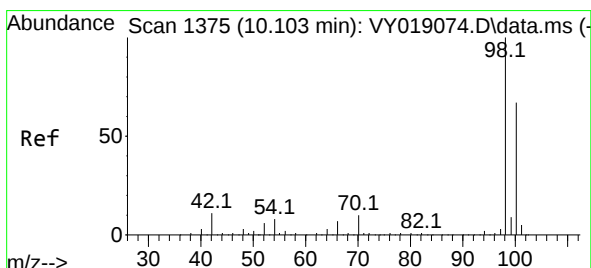
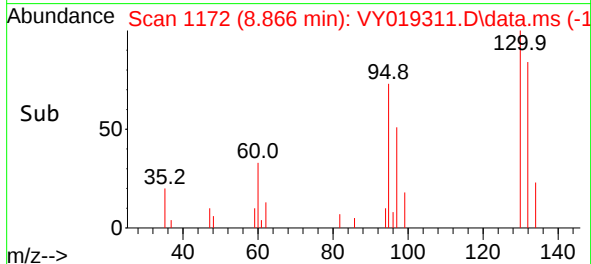
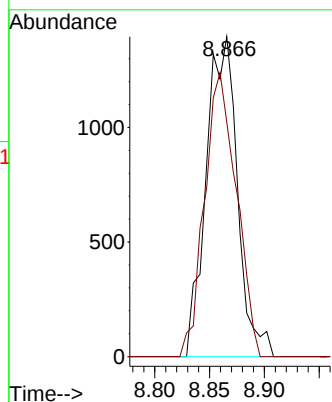
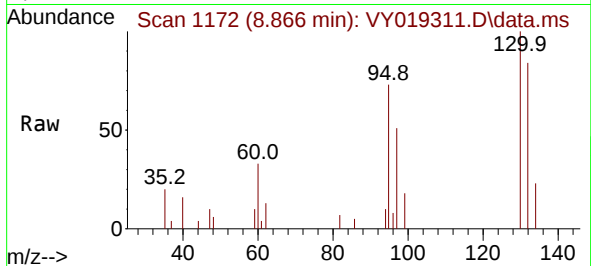




#44
Trichloroethene
Concen: 1.950 ug/l
RT: 8.866 min Scan# 1170
Delta R.T. 0.013 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

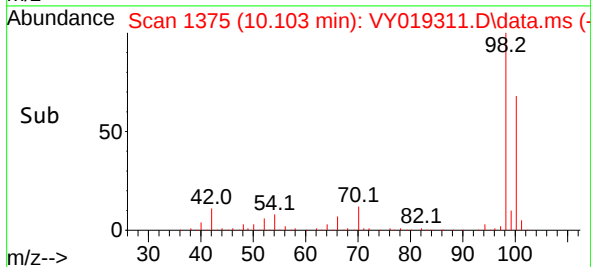
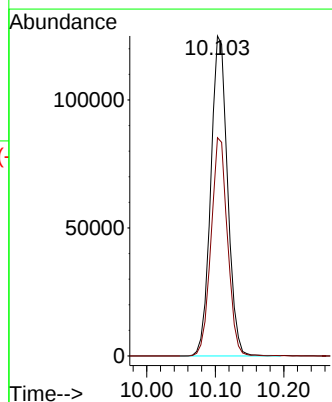
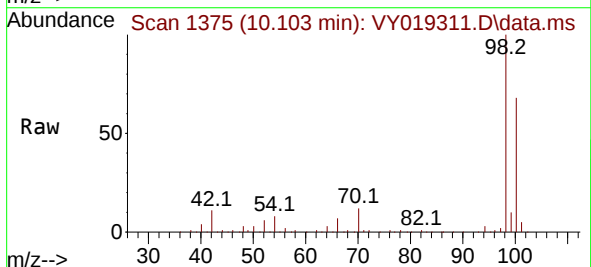
Instrument :
MSVOA_Y
ClientSampleId :

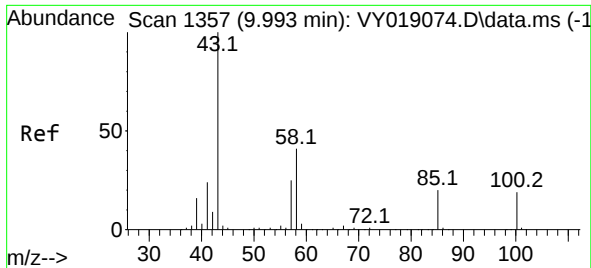
Tgt Ion:130 Resp: 2773
Ion Ratio Lower Upper
130 100
95 73.3 0.0 188.0



#50
Toluene-d8
Concen: 48.767 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion: 98 Resp: 212414
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.050 ug/l

RT: 10.097 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

Instrument :

MSVOA_Y

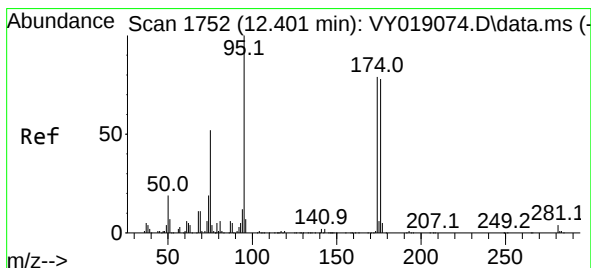
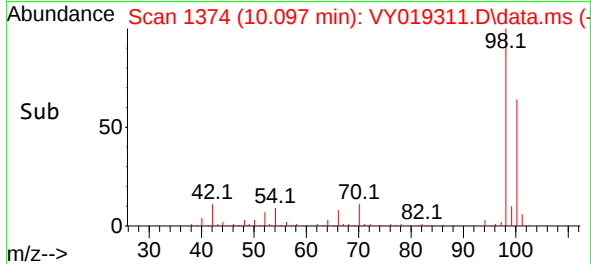
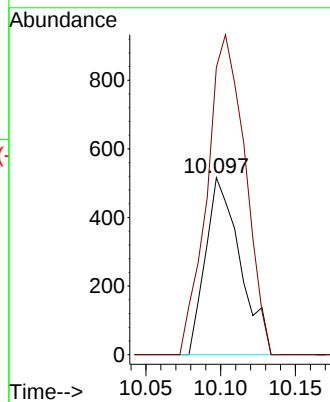
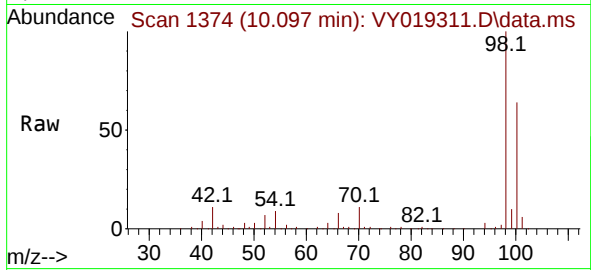
ClientSampleId :

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

58 199.0 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 44.848 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019311.D

Acq: 28 Aug 2024 03:47

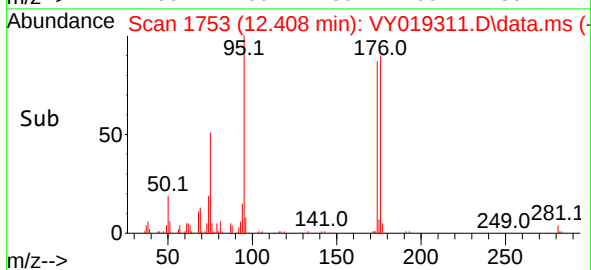
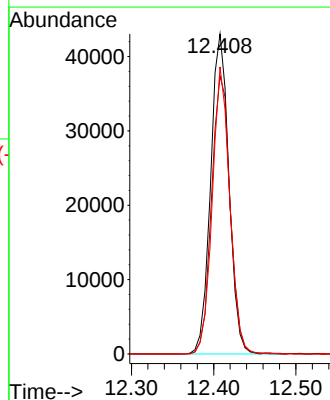
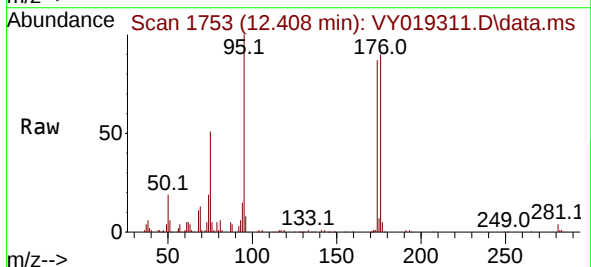
Tgt Ion: 95 Resp: 66593

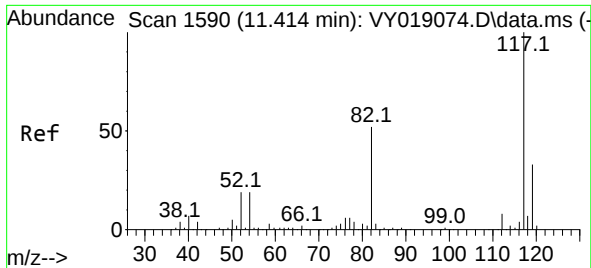
Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 85.9 0.0 171.4

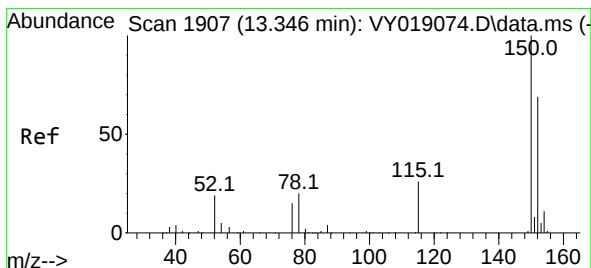
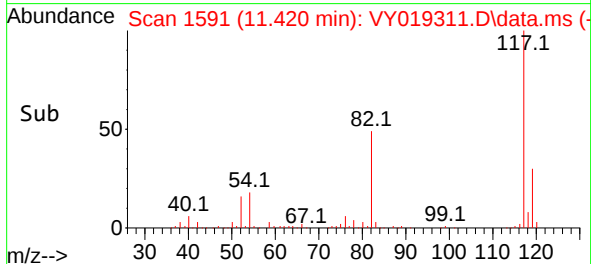
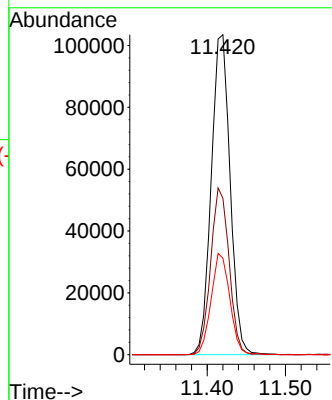
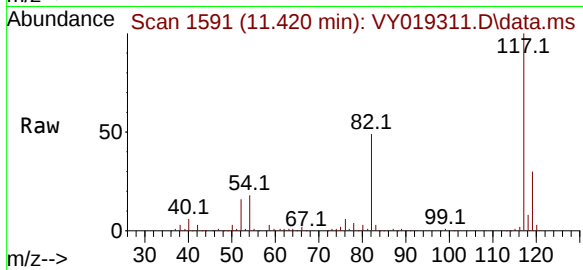




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

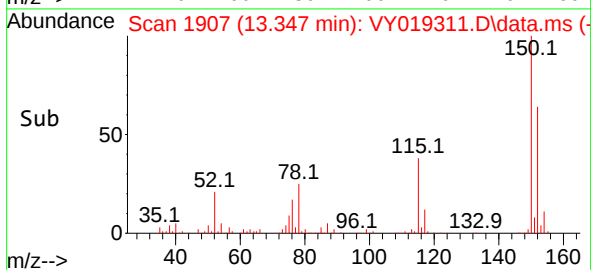
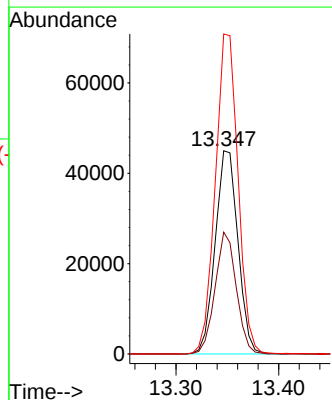
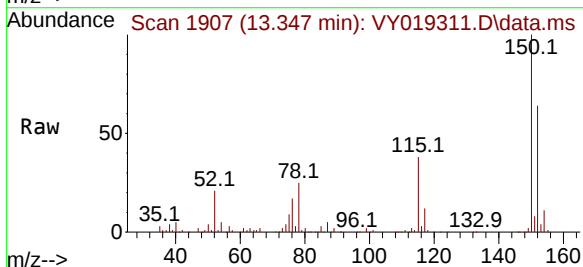
Instrument :
MSVOA_Y
ClientSampleId :

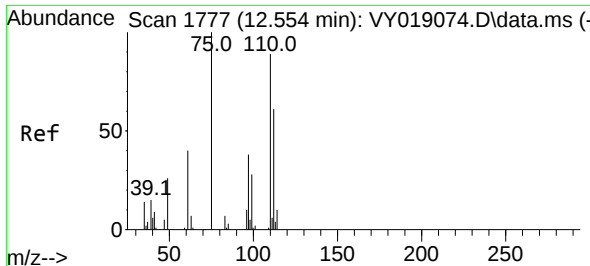
Tgt Ion:117 Resp: 173169
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion:152 Resp: 69125
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.2 0.0 345.6

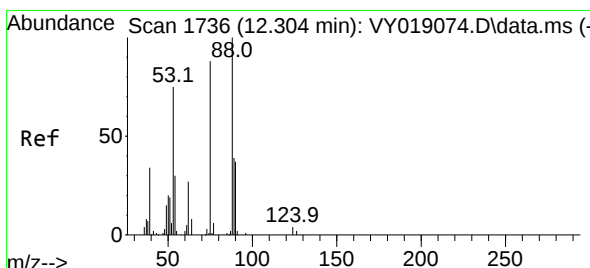
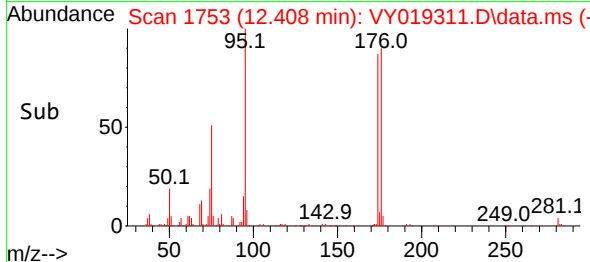
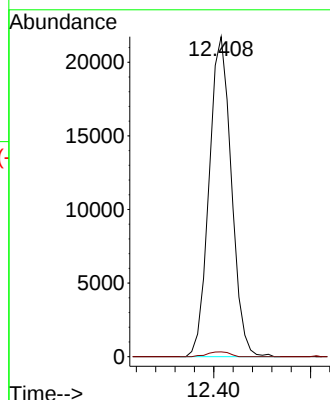
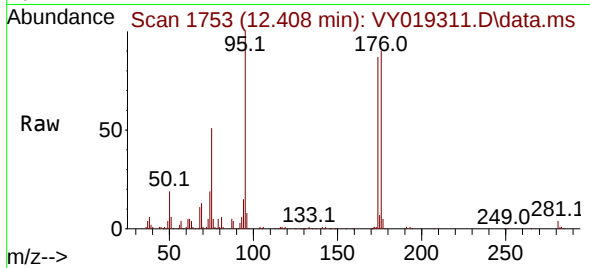




#76
1,2,3-Trichloropropane
Concen: 51.072 ug/l
RT: 12.408 min Scan# 1777
Delta R.T. -0.146 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34816
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.132 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019311.D
Acq: 28 Aug 2024 03:47

Tgt Ion: 75 Resp: 34816
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

