

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019868.D
 Acq On : 11 Oct 2024 13:51
 Operator : SY/MD
 Sample : P4376-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:46:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

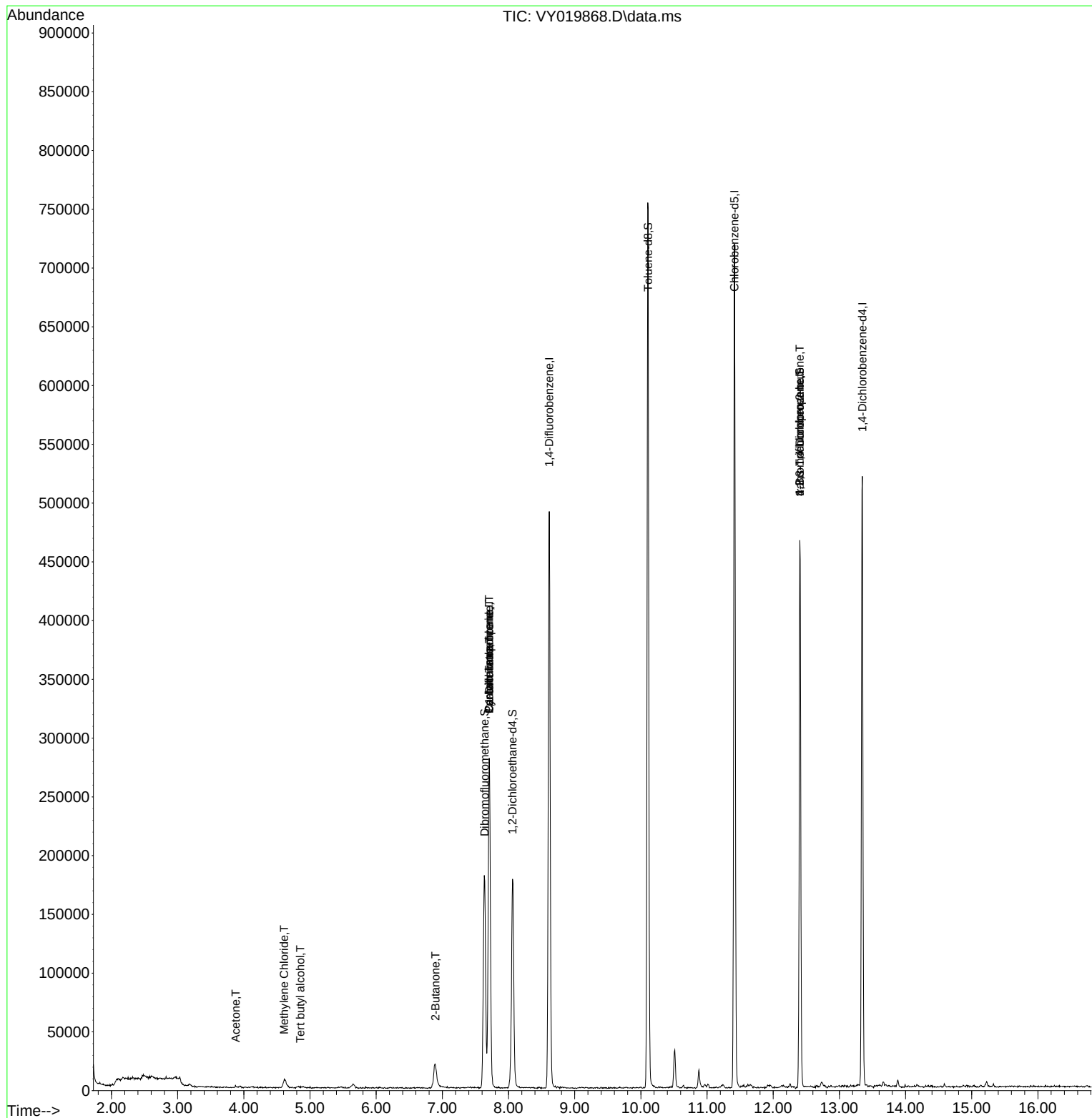
Internal Standards						
1) Pentafluorobenzene	7.707	168	200502	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	395737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	346420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131228	53.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.320%	
35) Dibromofluoromethane	7.640	113	130747	50.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.140%	
50) Toluene-d8	10.109	98	474150	49.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.401	95	143212	41.099	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	281	1.215	ug/l	# 57
16) Acetone	3.879	43	1529	2.379	ug/l	# 61
20) Methylene Chloride	4.610	84	5374	1.481	ug/l	# 87
25) 2-Butanone	6.896	43	1984	2.306	ug/l	# 41
31) Cyclohexane	7.707	56	5936	1.439	ug/l	# 52
36) 1,1-Dichloropropene	7.707	75	20204	5.370	ug/l	# 46
38) Carbon Tetrachloride	7.707	117	21976	5.449	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	84787	36.157	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	84787	145.944	ug/l	# 16

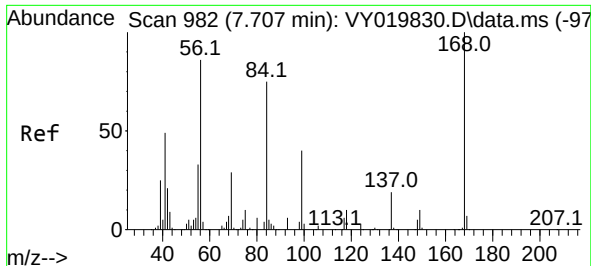
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

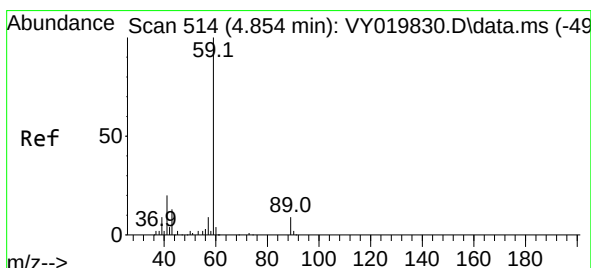
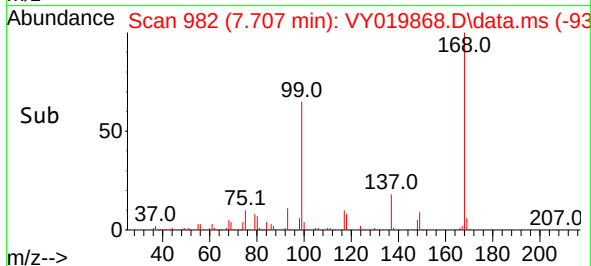
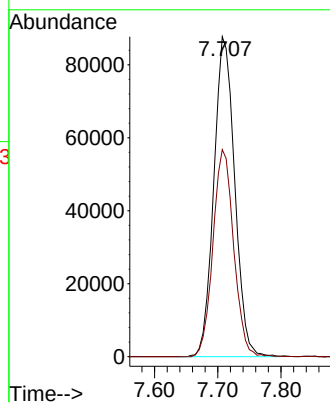
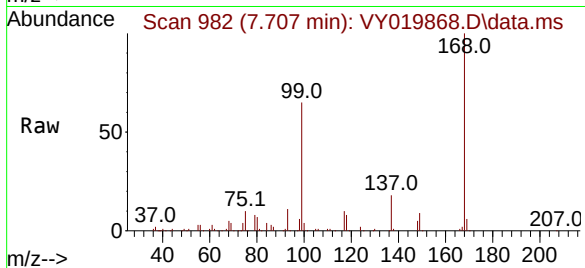




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

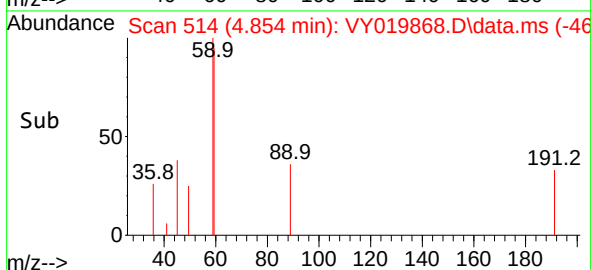
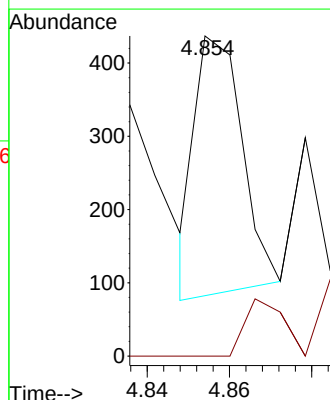
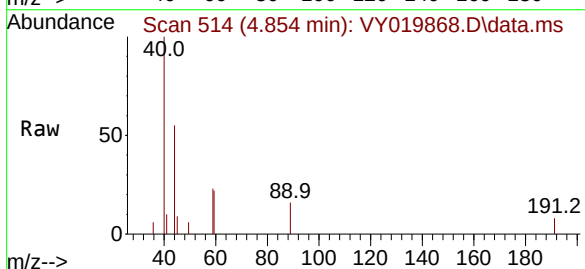
Instrument :
MSVOA_Y
ClientSampleId :

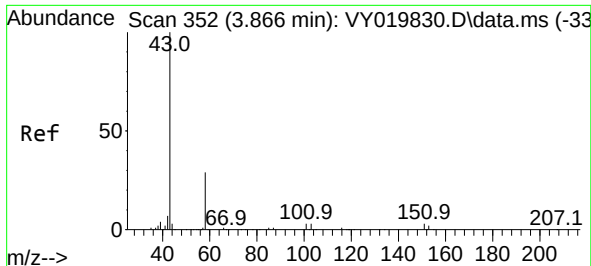
Tgt Ion:168 Resp: 200502
Ion Ratio Lower Upper
168 100
99 64.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.215 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 17.8 3.0 4.6#

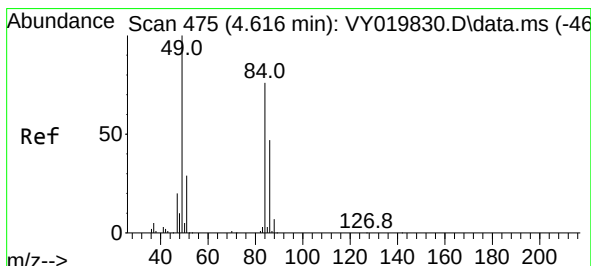
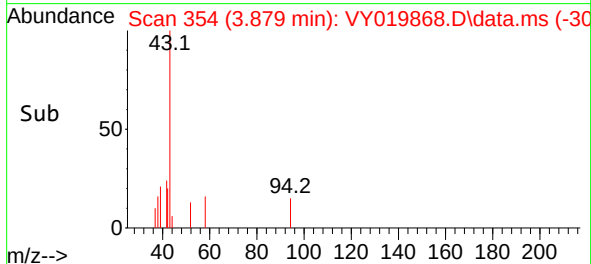
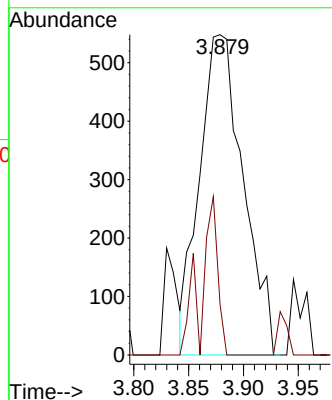
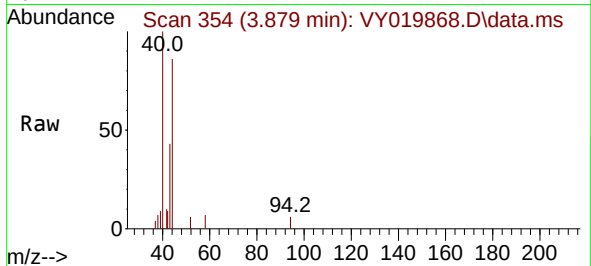




#16
Acetone
Concen: 2.379 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

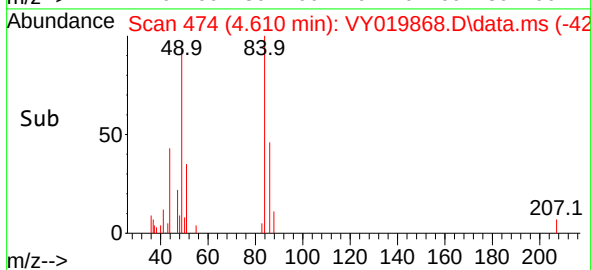
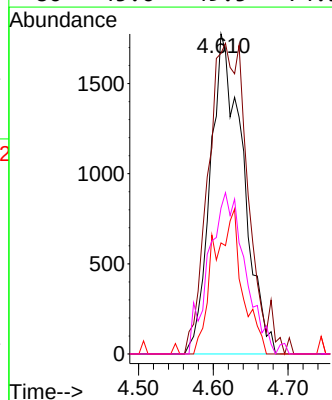
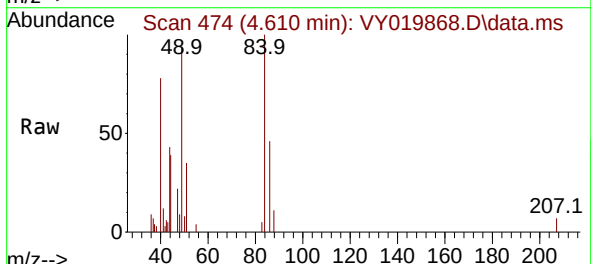
Instrument :
MSVOA_Y
ClientSampleId :

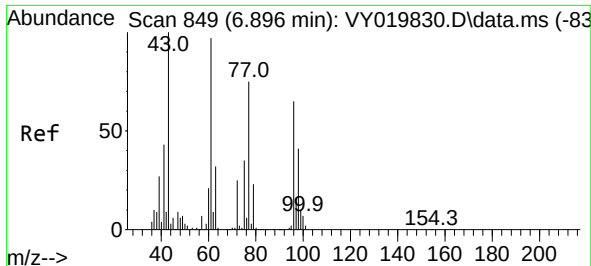
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 15.9 31.7 47.5#



#20
Methylene Chloride
Concen: 1.481 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 84 Resp: 5374
Ion Ratio Lower Upper
84 100
49 94.0 84.4 126.6
51 34.7 26.0 39.0
86 45.6 49.5 74.3#

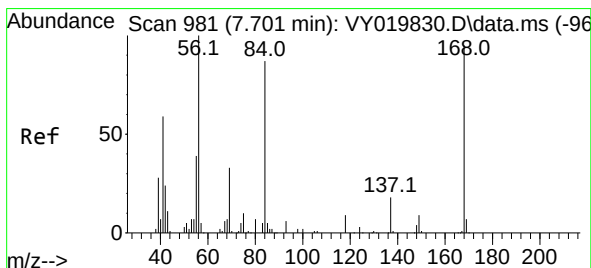
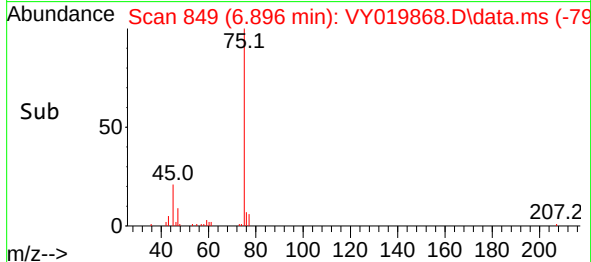
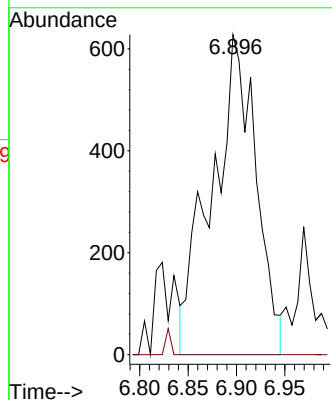
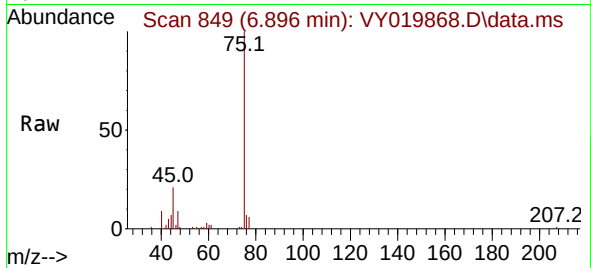




#25
2-Butanone
Concen: 2.306 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

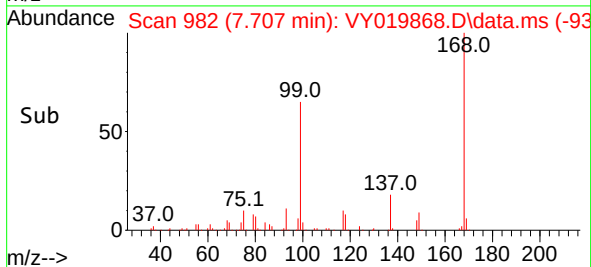
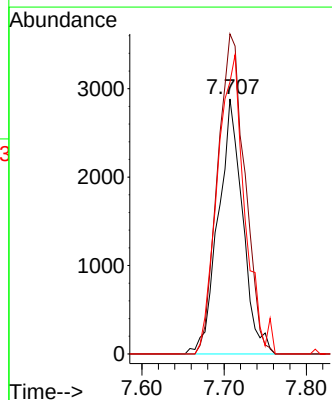
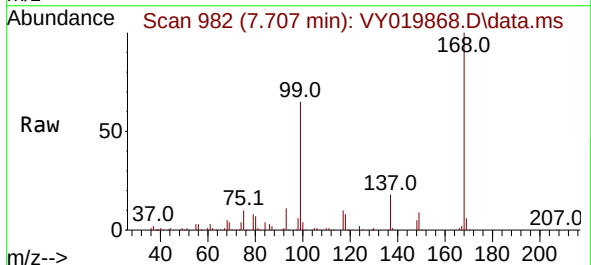
Instrument :
MSVOA_Y
ClientSampleId :

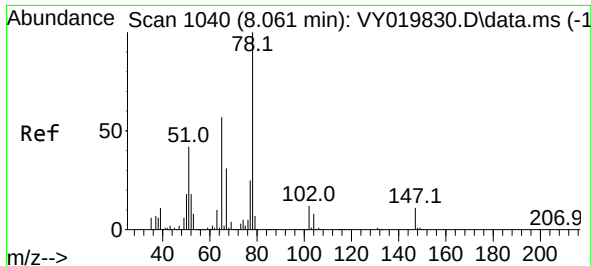
Tgt Ion: 43 Resp: 1984
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 56 Resp: 5936
Ion Ratio Lower Upper
56 100
69 125.5 28.7 43.1#
84 106.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.155 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019868.D

Acq: 11 Oct 2024 13:51

Instrument :

MSVOA_Y

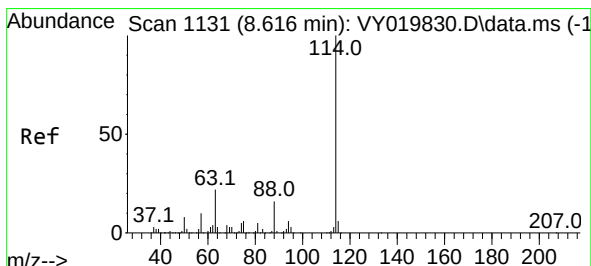
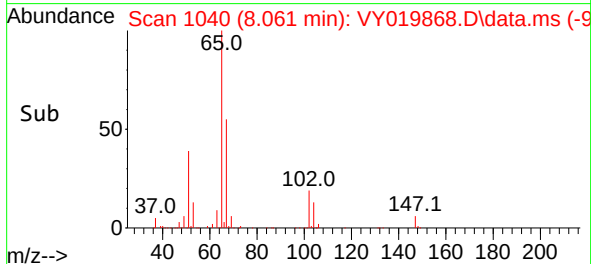
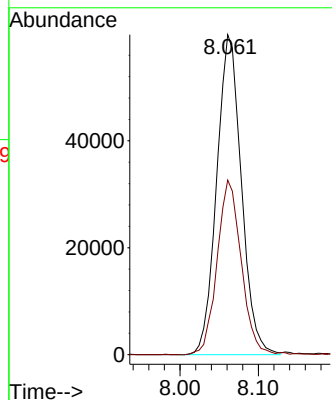
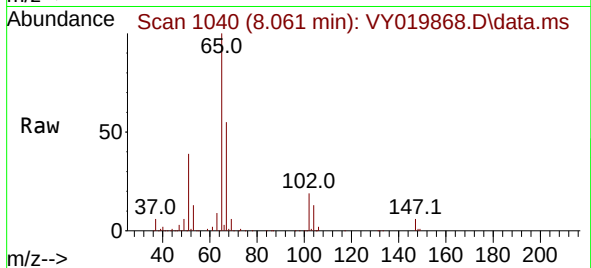
ClientSampleId :

Tgt Ion: 65 Resp: 131228

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019868.D

Acq: 11 Oct 2024 13:51

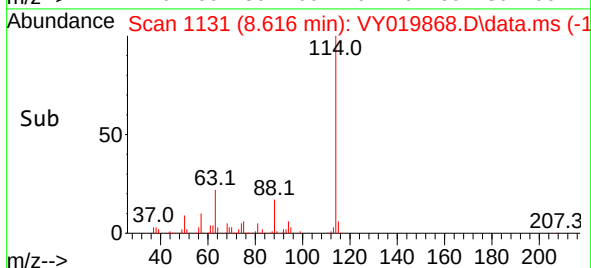
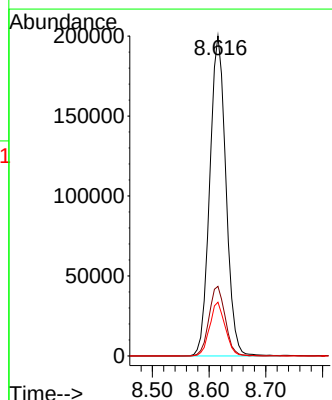
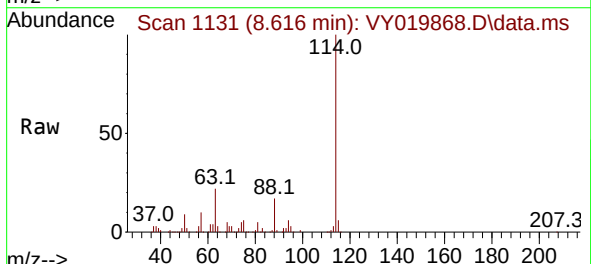
Tgt Ion: 114 Resp: 395737

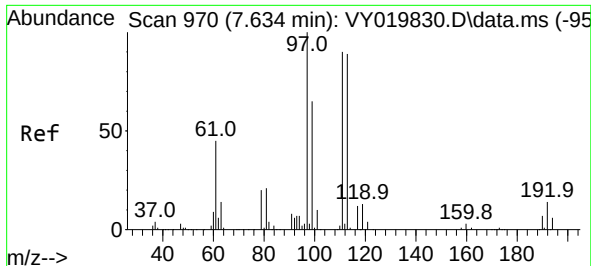
Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.0

88 16.8 0.0 27.2

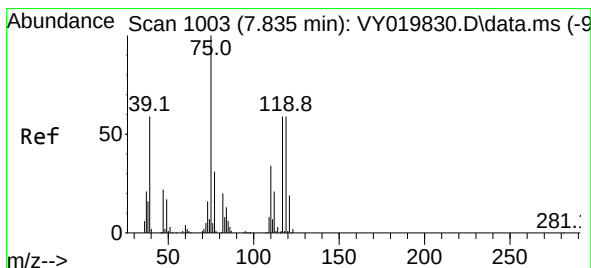
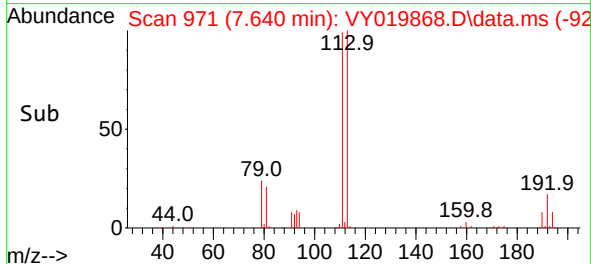
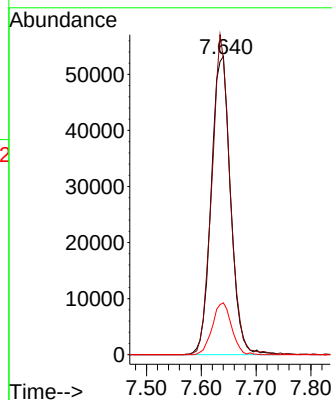
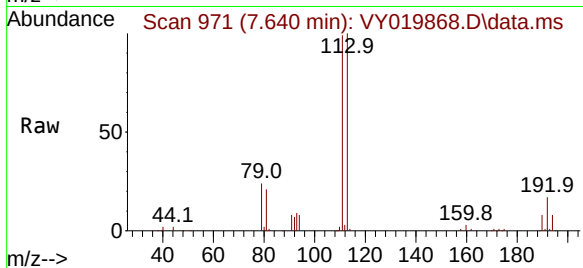




#35
Dibromofluoromethane
Concen: 50.067 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

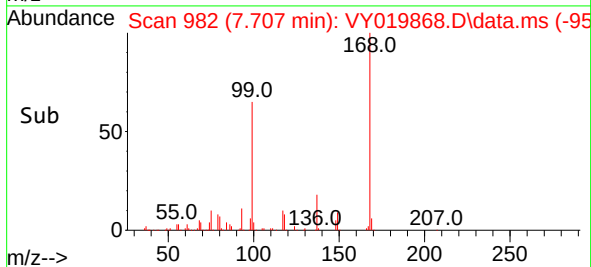
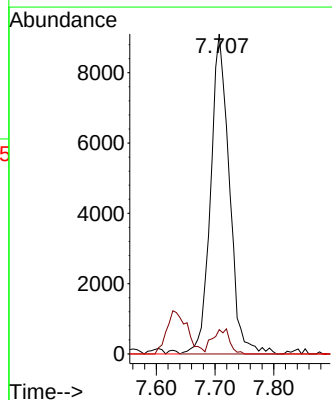
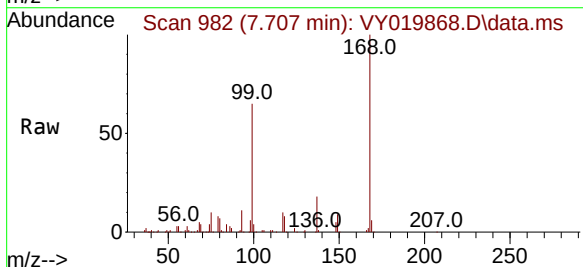
Instrument :
MSVOA_Y
ClientSampleId :

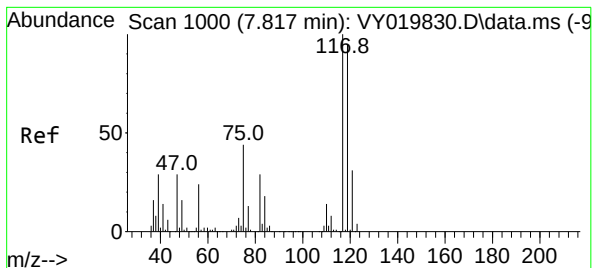
Tgt Ion:113 Resp: 130747
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 17.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.370 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 75 Resp: 20204
Ion Ratio Lower Upper
75 100
110 7.1 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.449 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

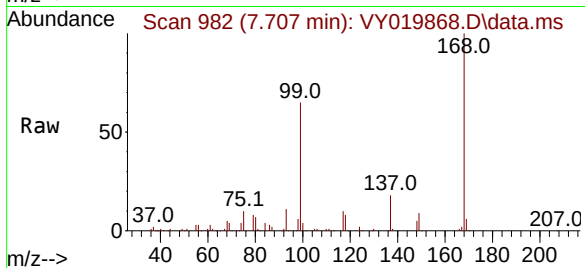
Lab File: VY019868.D

Acq: 11 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :



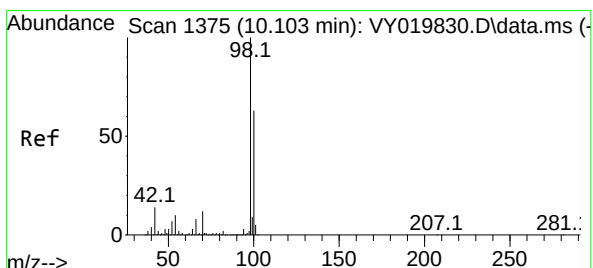
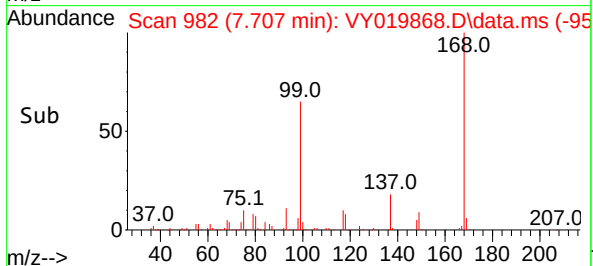
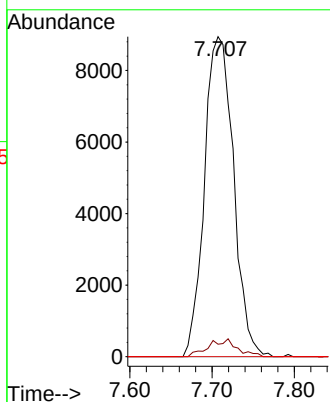
Tgt Ion:117 Resp: 21976

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.167 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019868.D

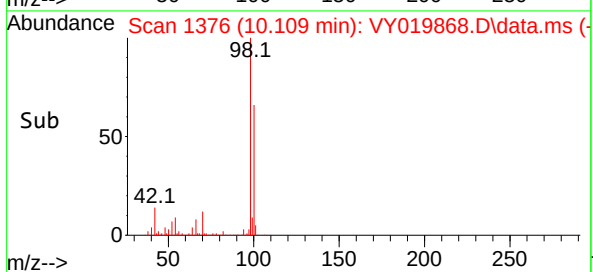
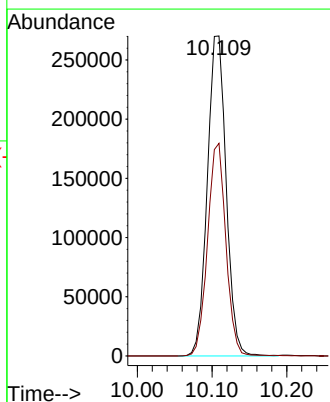
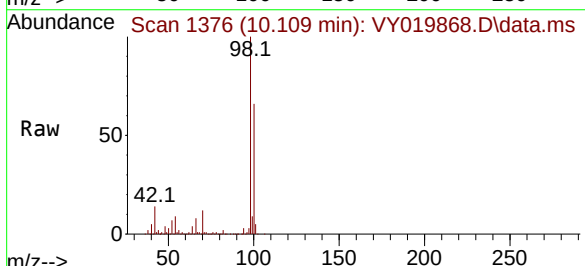
Acq: 11 Oct 2024 13:51

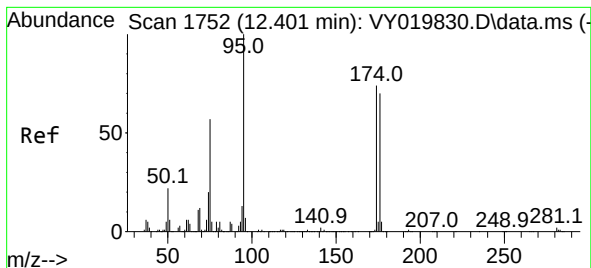
Tgt Ion: 98 Resp: 474150

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

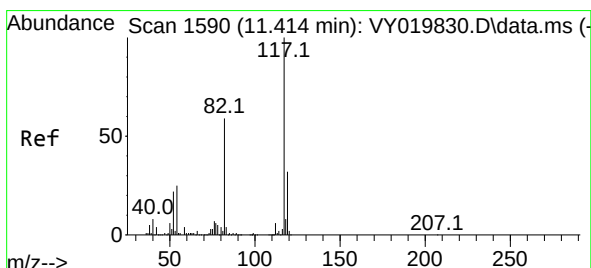
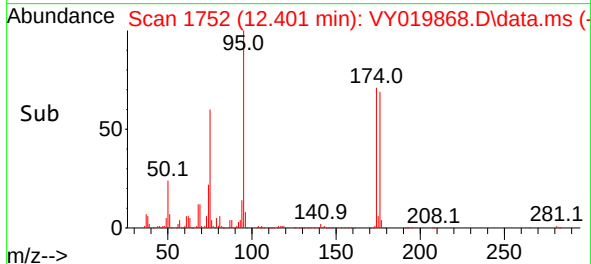
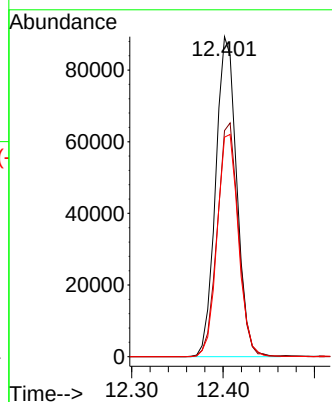
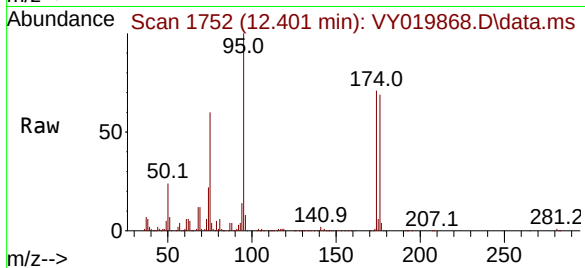




#62
4-Bromofluorobenzene
Concen: 41.099 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

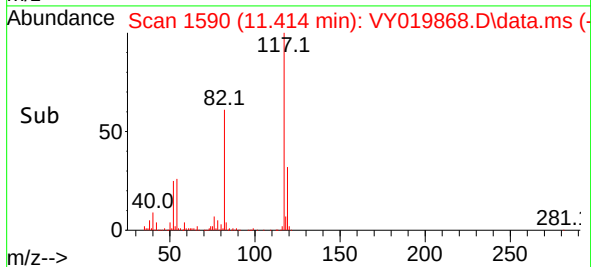
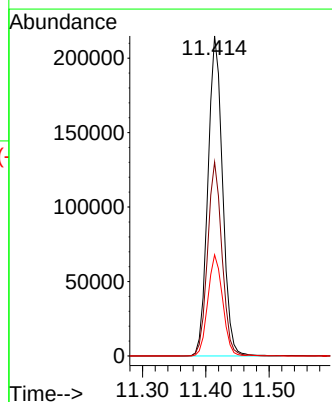
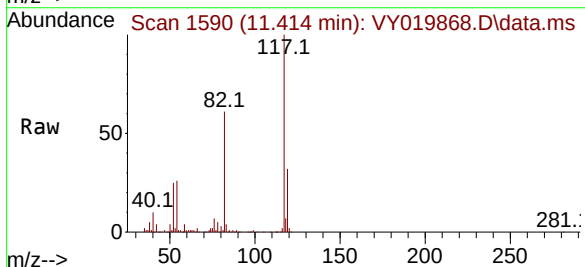
Instrument :
MSVOA_Y
ClientSampleId :

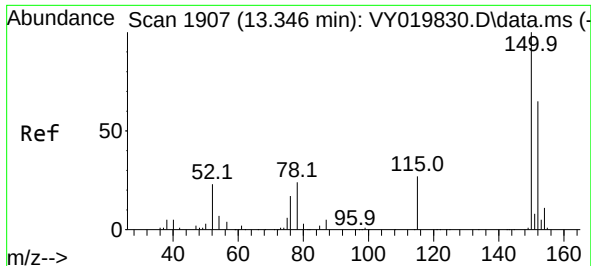
Tgt Ion: 95 Resp: 143212
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Tgt Ion: 117 Resp: 346420
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 31.6 25.9 38.9

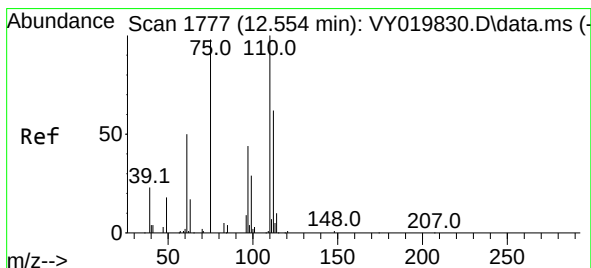
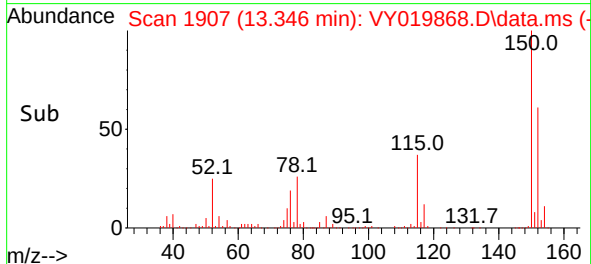
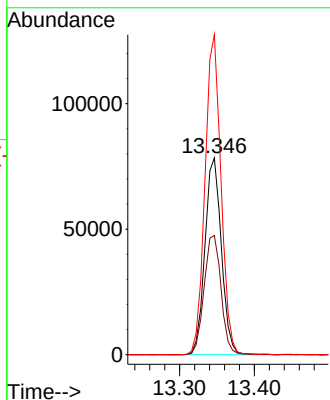
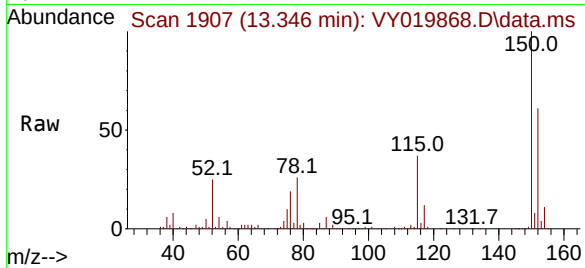




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019868.D
 Acq: 11 Oct 2024 13:51

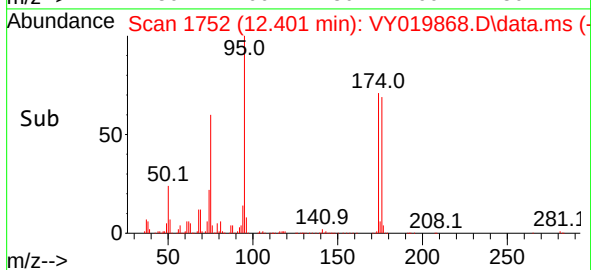
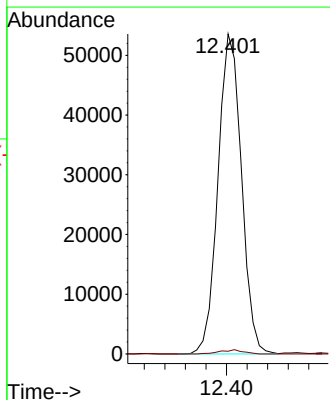
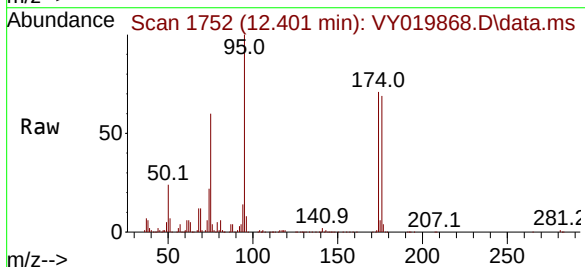
Instrument :
 MSVOA_Y
 ClientSampleId :

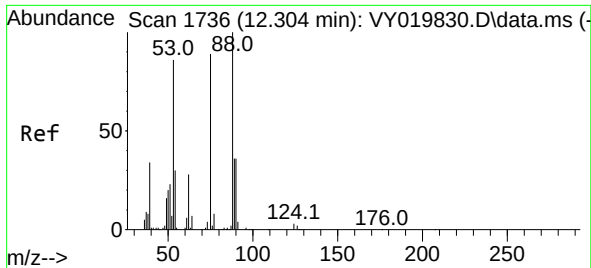
Tgt Ion:152 Resp: 119702
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.2 84.7
 150 158.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 36.157 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY019868.D
 Acq: 11 Oct 2024 13:51

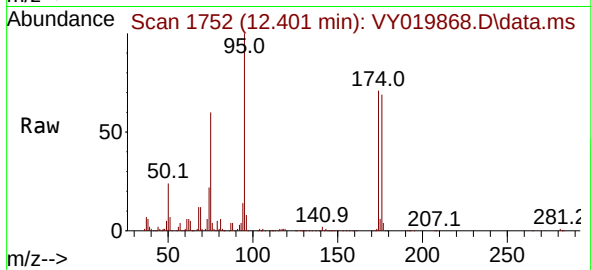
Tgt Ion: 75 Resp: 84787
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 145.944 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019868.D
Acq: 11 Oct 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 84787
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

