

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020293.D
 Acq On : 13 Nov 2024 19:09
 Operator : SY/MD
 Sample : P4822-07
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 01:02:26 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)

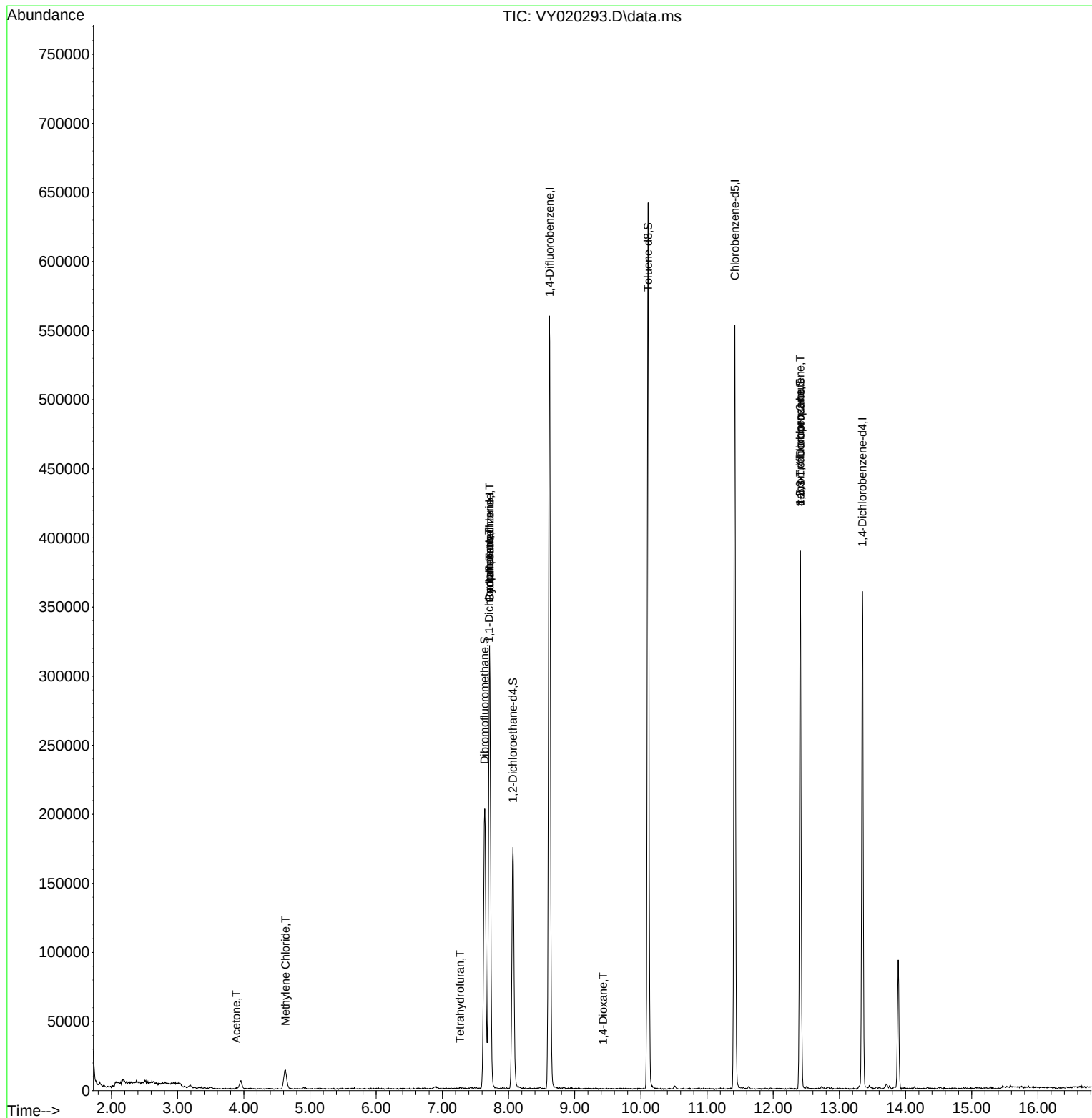
Internal Standards						
1) Pentafluorobenzene	7.713	168	222193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	449384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	277882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	81233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	141337	50.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.640	113	145036	50.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.109	98	400010	35.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 70.340%	
62) 4-Bromofluorobenzene	12.408	95	104748	28.356	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 56.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1031	1.599	ug/l	# 60
20) Methylene Chloride	4.629	84	9495	3.277	ug/l	# 82
29) Tetrahydrofuran	7.268	42	576	1.142	ug/l	# 46
31) Cyclohexane	7.713	56	6026	1.197	ug/l	# 23
36) 1,1-Dichloropropene	7.707	75	21018	4.762	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	25139	5.664	ug/l	# 18
49) 1,4-Dioxane	9.427	88	29	1.687	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	60374	79.286	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	60374	170.541	ug/l	# 16

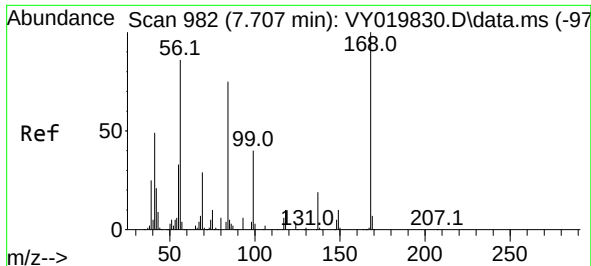
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

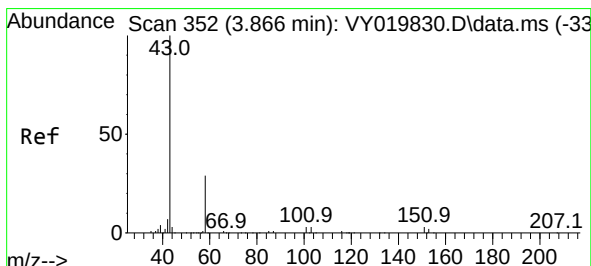
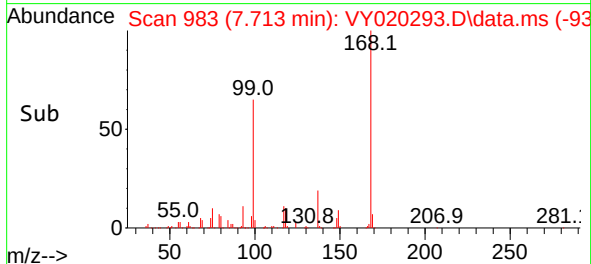
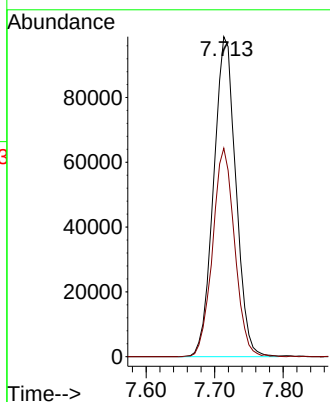
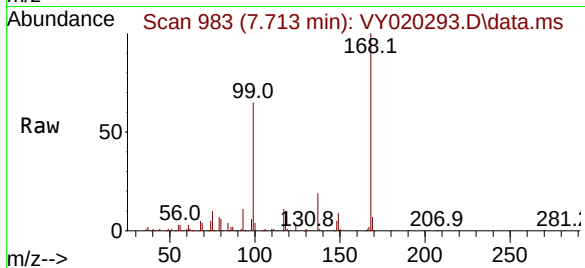




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

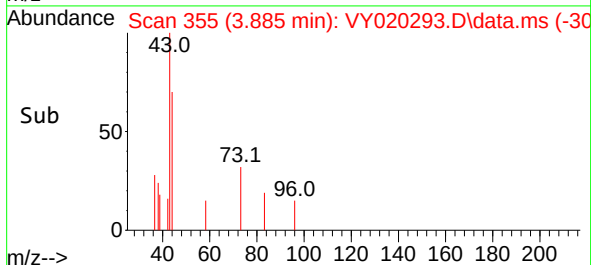
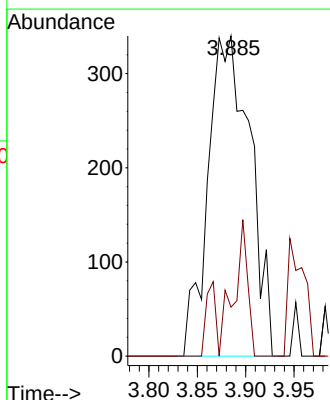
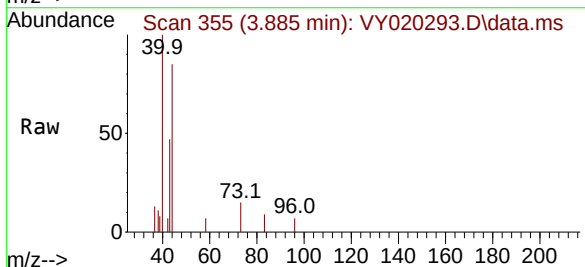
Instrument :
MSVOA_Y
ClientSampleId :

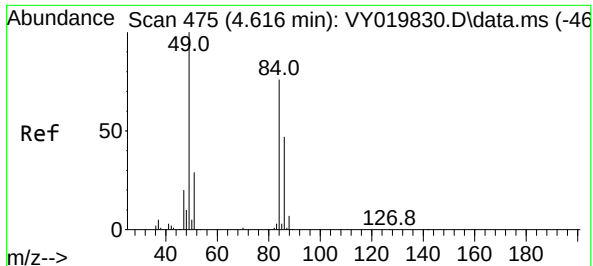
Tgt Ion:168 Resp: 222193
Ion Ratio Lower Upper
168 100
99 65.2 39.1 58.7#



#16
Acetone
Concen: 1.599 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

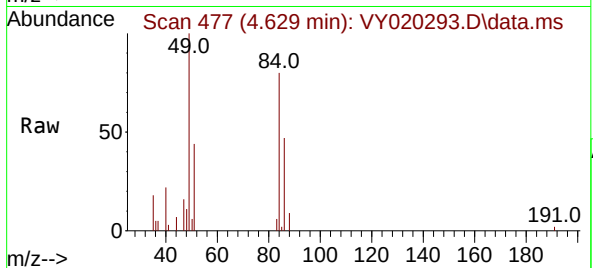
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
58 15.3 31.7 47.5#



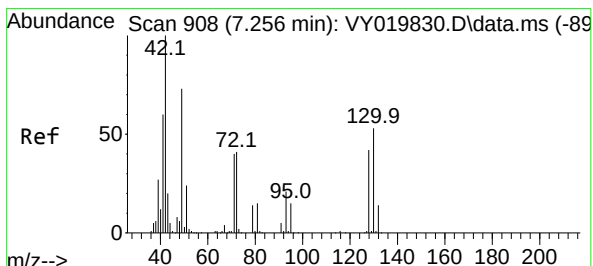
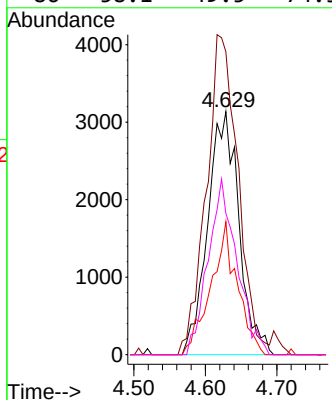
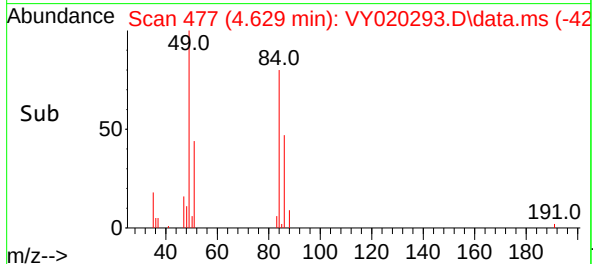


#20
Methylene Chloride
Concen: 3.277 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Instrument :
MSVOA_Y
ClientSampleId :

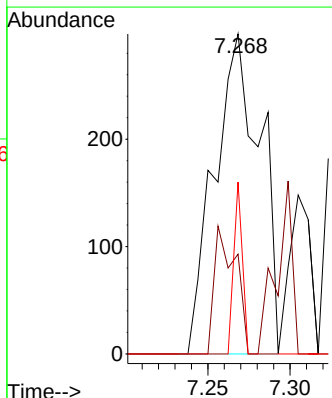
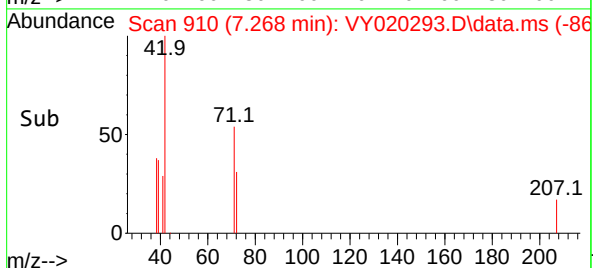
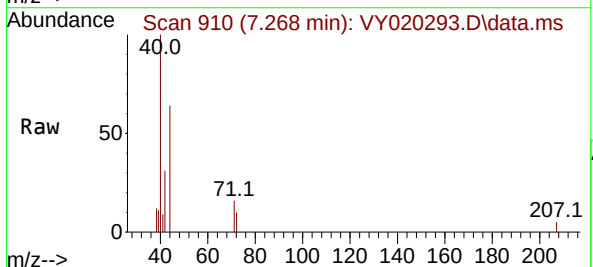


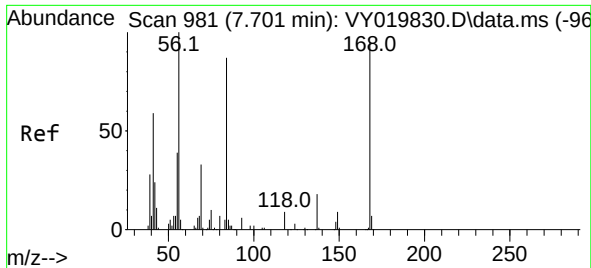
Tgt Ion:	84	Resp:	9495
Ion	Ratio	Lower	Upper
84	100		
49	124.6	84.4	126.6
51	54.7	26.0	39.0#
86	58.1	49.5	74.3



#29
Tetrahydrofuran
Concen: 1.142 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Tgt Ion:	42	Resp:	576
Ion	Ratio	Lower	Upper
42	100		
72	18.6	43.0	64.4#
71	10.2	40.8	61.2#

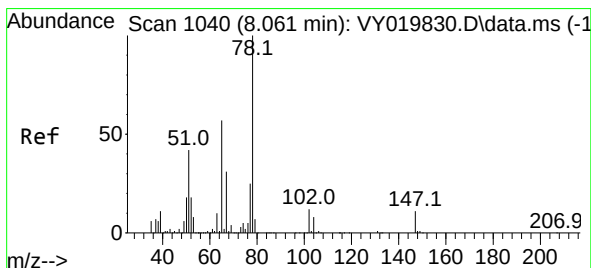
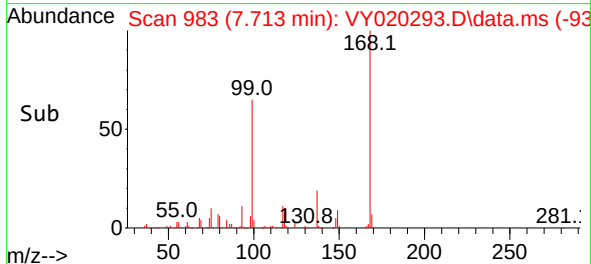
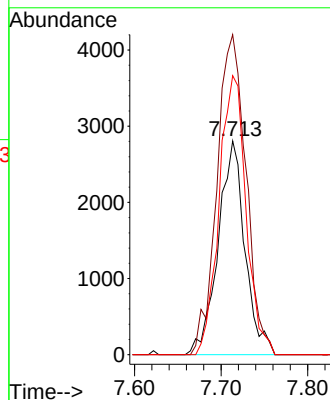
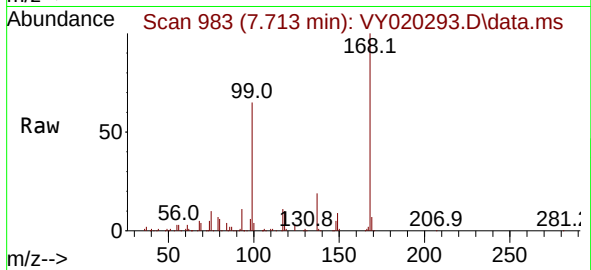




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

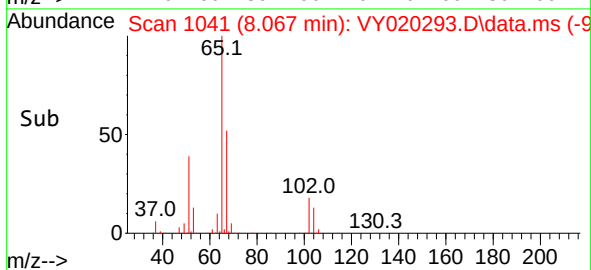
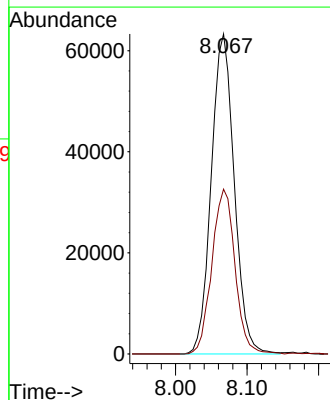
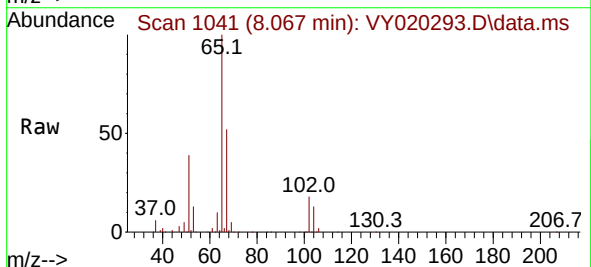
Instrument :
MSVOA_Y
ClientSampleId :

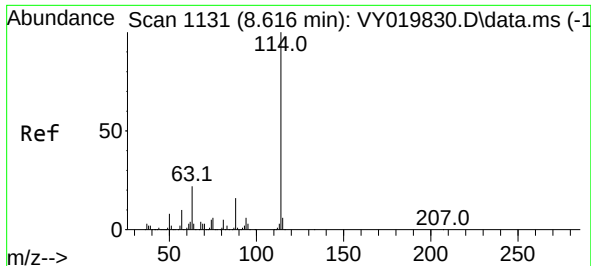
Tgt Ion: 56 Resp: 6026
Ion Ratio Lower Upper
56 100
69 149.6 28.7 43.1#
84 130.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Tgt Ion: 65 Resp: 141337
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

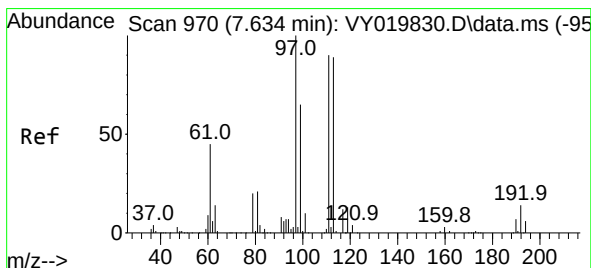
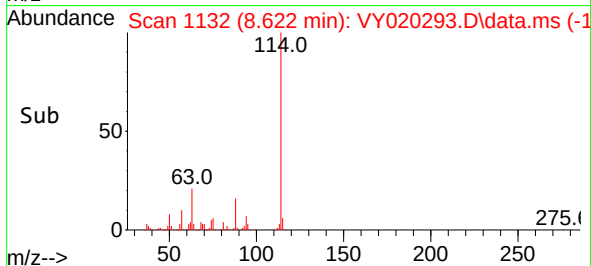
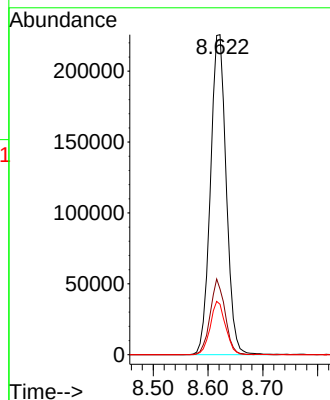
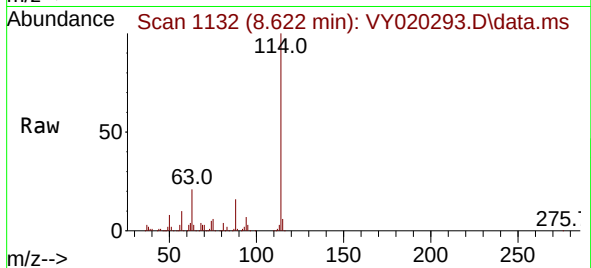
Tgt Ion:114 Resp: 449384

Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 15.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.762 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

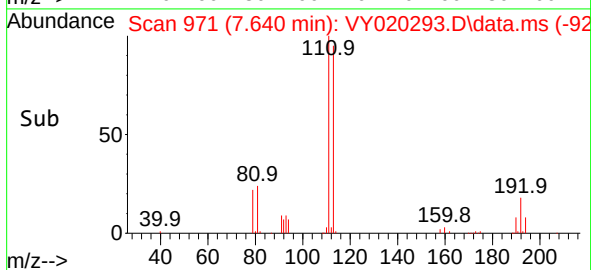
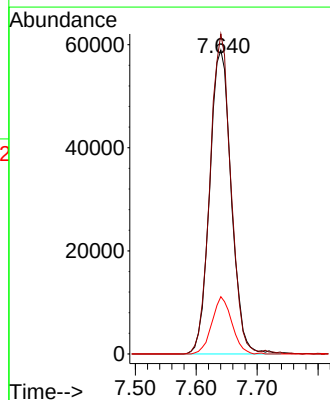
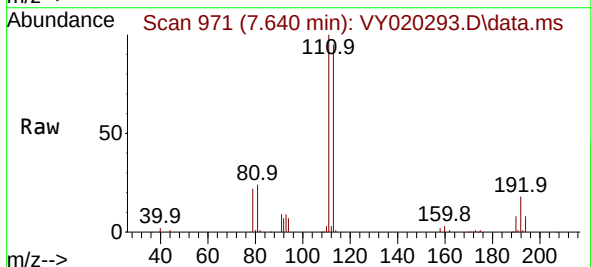
Tgt Ion:113 Resp: 145036

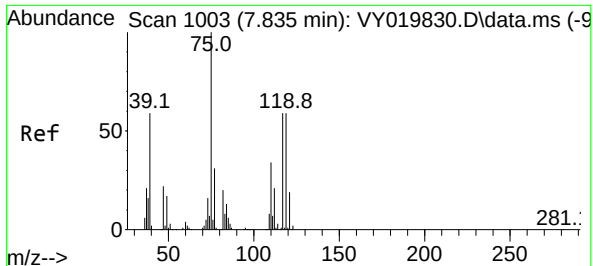
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.762 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :

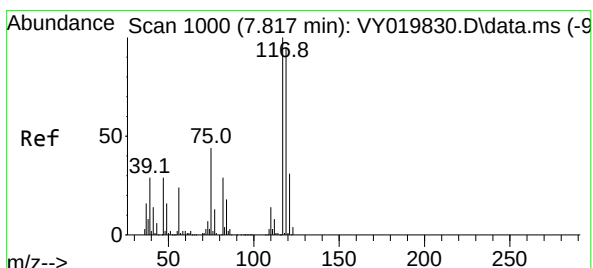
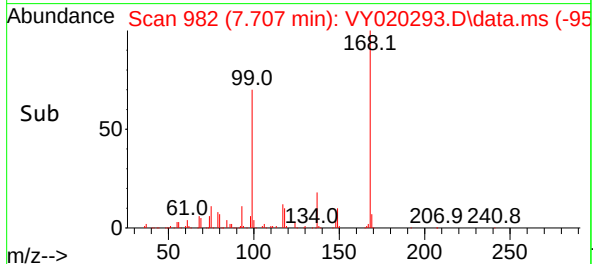
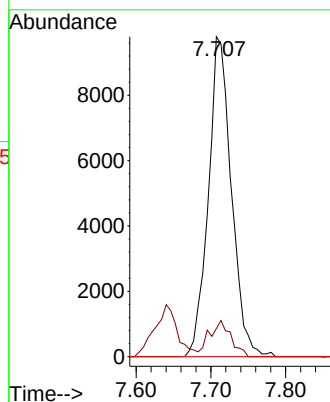
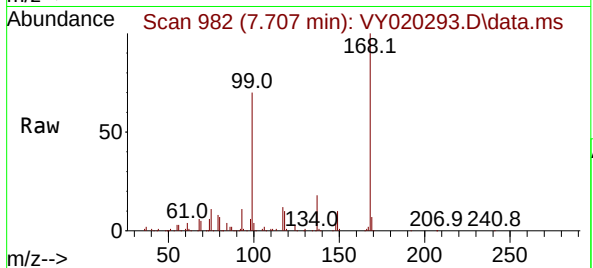
Tgt Ion: 75 Resp: 21018

Ion Ratio Lower Upper

75 100

110 10.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.664 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

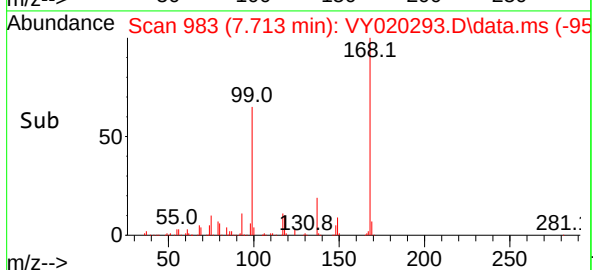
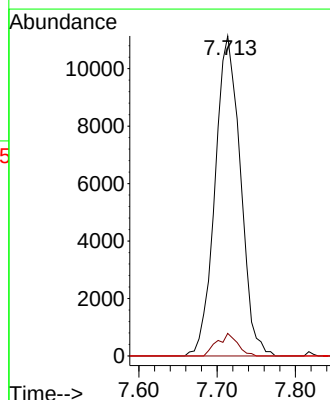
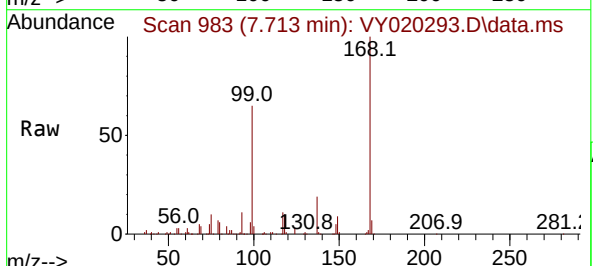
Tgt Ion: 117 Resp: 25139

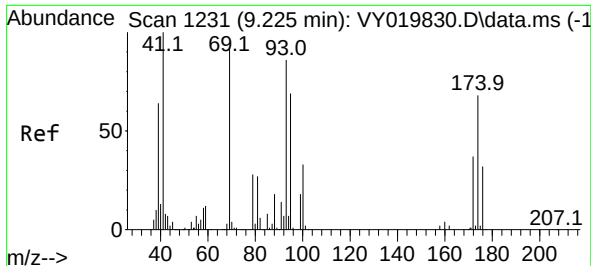
Ion Ratio Lower Upper

117 100

119 7.1 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.687 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.196 min

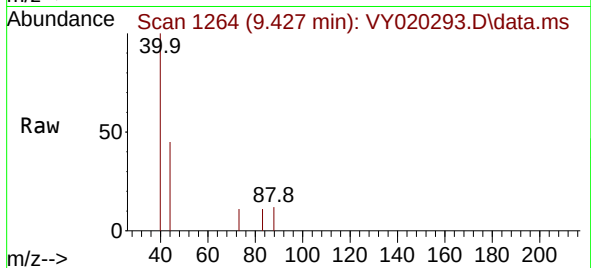
Lab File: VY020293.D

Acq: 13 Nov 2024 19:09

Instrument :

MSVOA_Y

ClientSampleId :



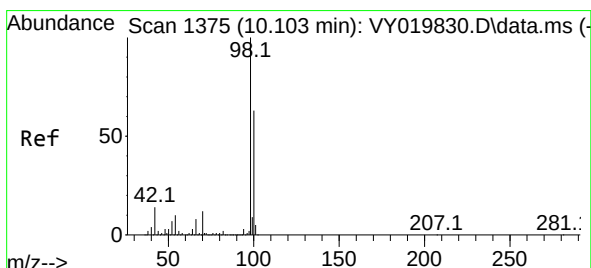
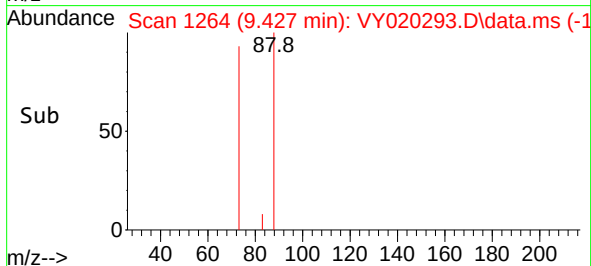
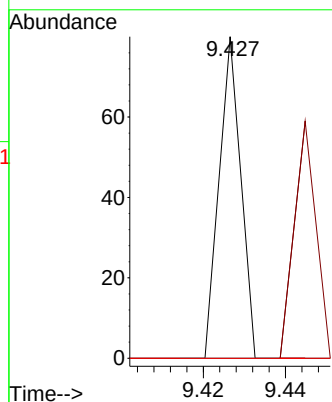
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 75.9 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 35.172 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020293.D

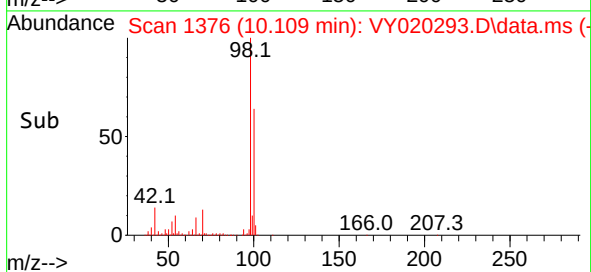
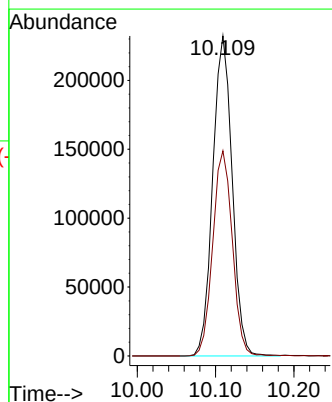
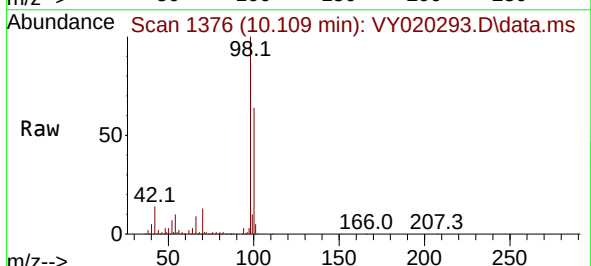
Acq: 13 Nov 2024 19:09

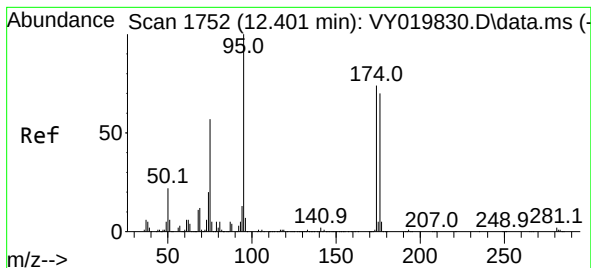
Tgt Ion: 98 Resp: 400010

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

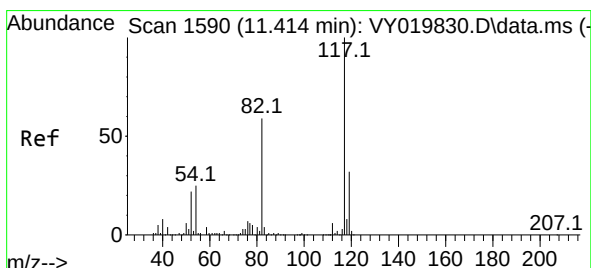
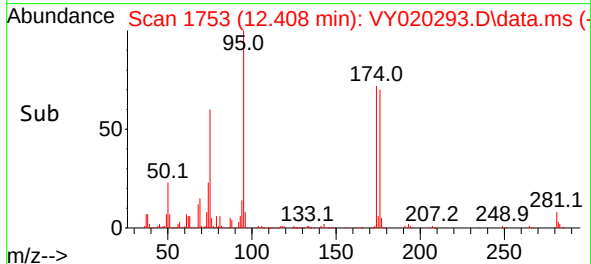
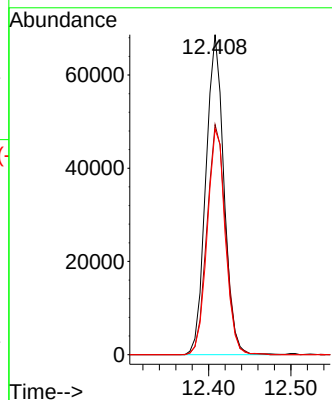
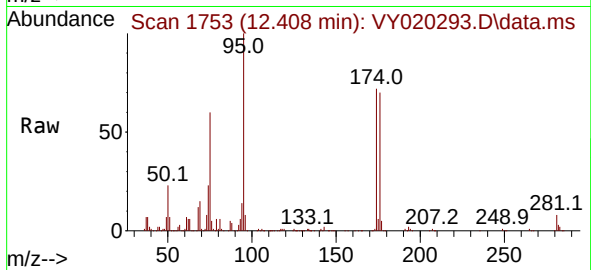




#62
4-Bromofluorobenzene
Concen: 28.356 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

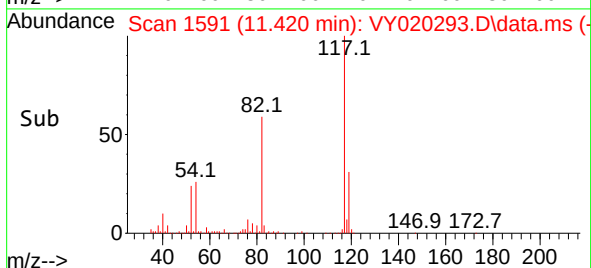
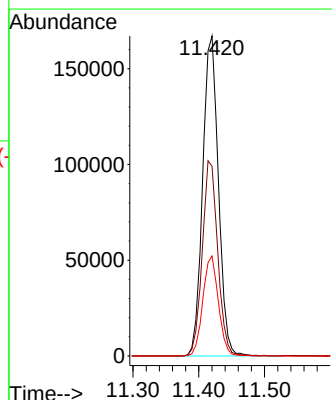
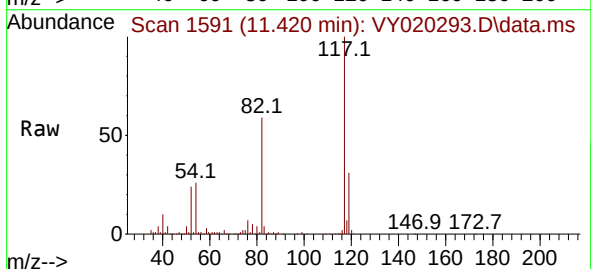
Instrument :
MSVOA_Y
ClientSampleId :

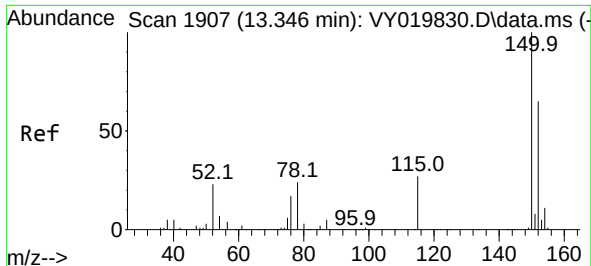
Tgt Ion: 95 Resp: 104748
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 70.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020293.D
Acq: 13 Nov 2024 19:09

Tgt Ion: 117 Resp: 277882
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.3 25.9 38.9

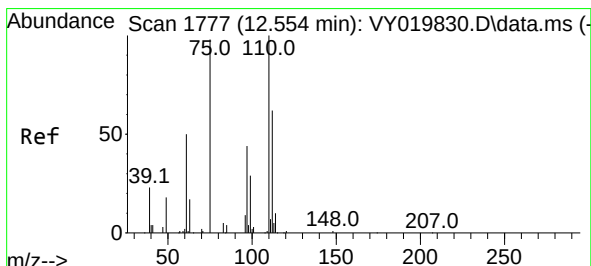
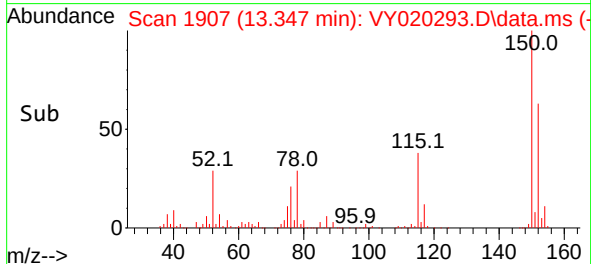
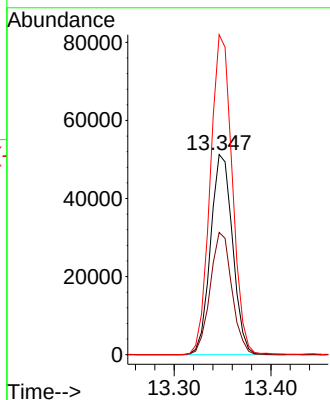
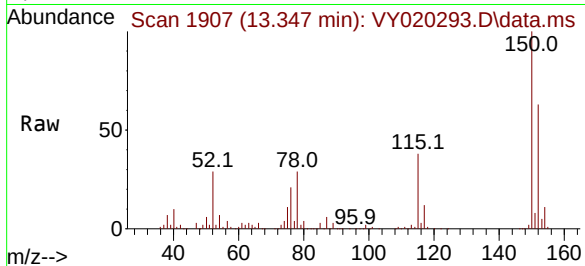




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020293.D
 Acq: 13 Nov 2024 19:09

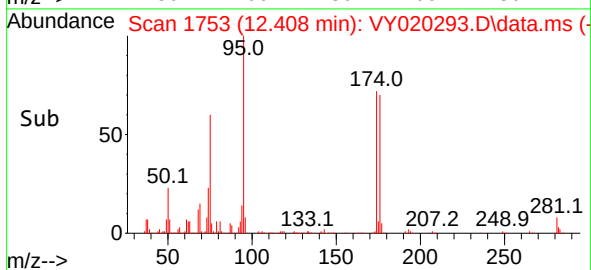
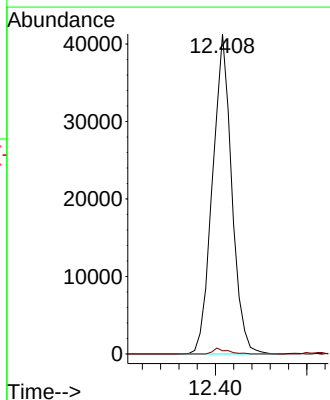
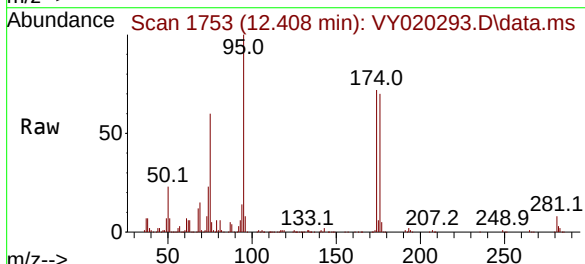
Instrument :
 MSVOA_Y
 ClientSampleId :

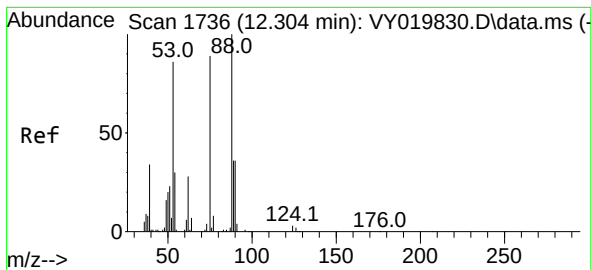
Tgt Ion:152 Resp: 81233
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.2 84.7
 150 159.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 79.286 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020293.D
 Acq: 13 Nov 2024 19:09

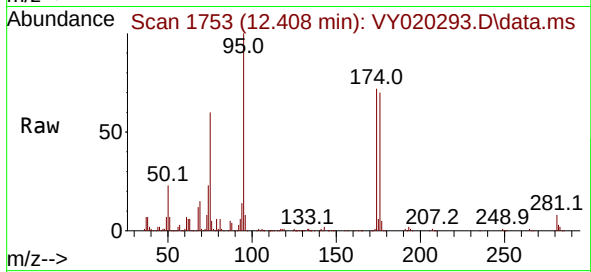
Tgt Ion: 75 Resp: 60374
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 170.541 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020293.D
 Acq: 13 Nov 2024 19:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60374
 Ion Ratio Lower Upper
 75 100
 53 0.4 66.8 100.2#
 89 0.1 35.8 53.6#

