

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020045.D
 Acq On : 28 Oct 2024 17:51
 Operator : SY/MD
 Sample : P4567-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 02:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

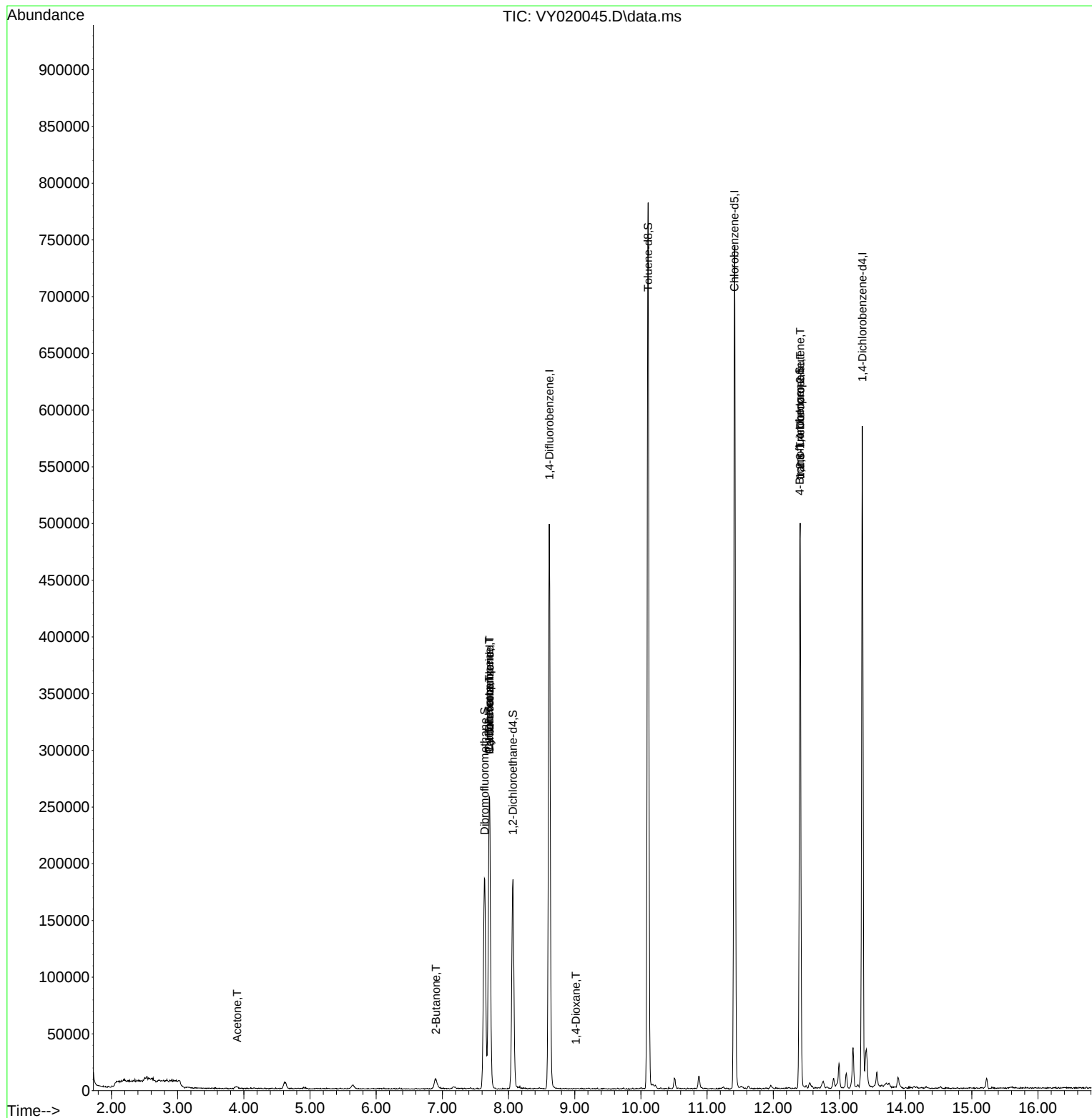
Internal Standards						
1) Pentafluorobenzene	7.713	168	180417	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	389368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	361423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138377	62.291	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.580%		
35) Dibromofluoromethane	7.640	113	130537	50.804	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.600%		
50) Toluene-d8	10.109	98	483783	50.987	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.980%		
62) 4-Bromofluorobenzene	12.402	95	147597	43.051	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 86.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	212	Below Cal	#	88
16) Acetone	3.897	43	3575	6.182	ug/l #	63
25) 2-Butanone	6.903	43	1508	1.948	ug/l #	73
31) Cyclohexane	7.707	56	5481	1.477	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	18909	5.108	ug/l #	46
38) Carbon Tetrachloride	7.713	117	20939	5.277	ug/l #	16
49) 1,4-Dioxane	9.018	88	20	1.166	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	86086	34.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	86086	140.599	ug/l #	16

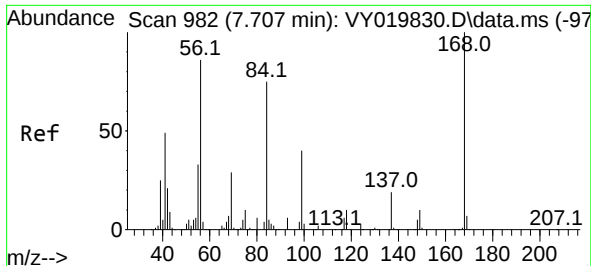
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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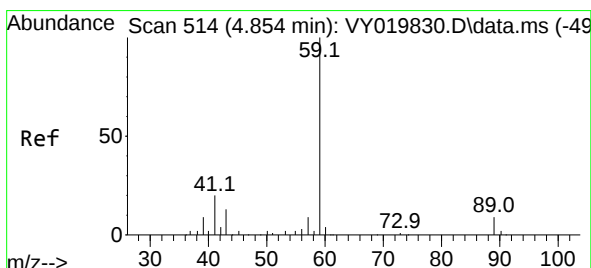
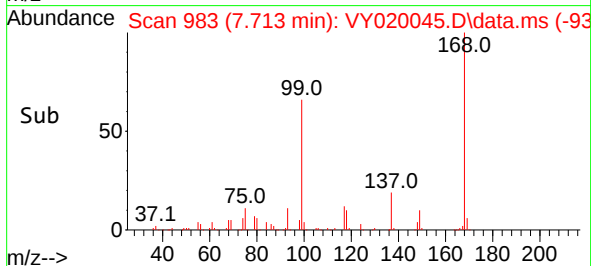
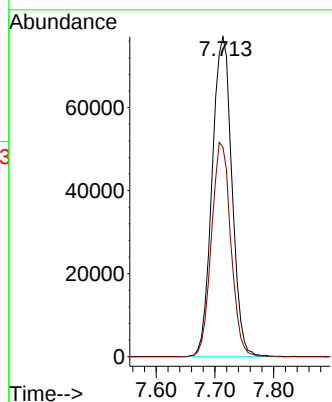
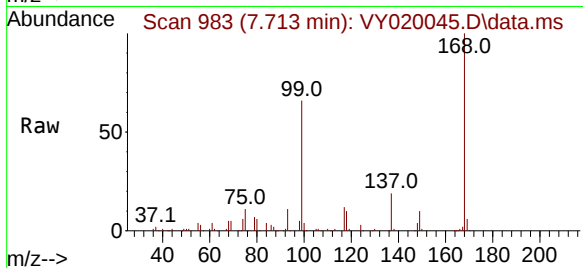




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

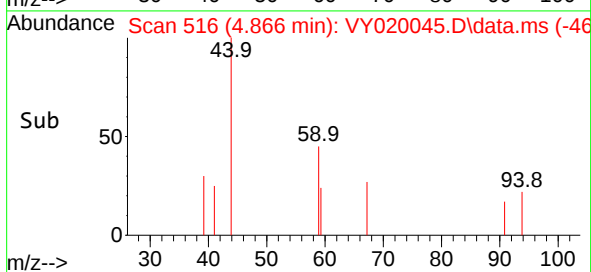
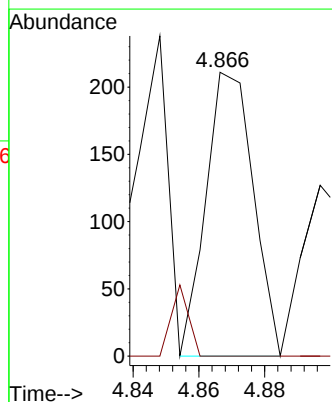
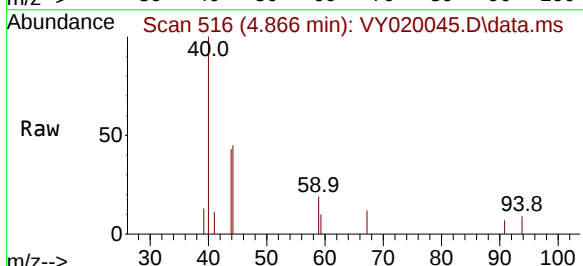
Instrument :
MSVOA_Y
ClientSampleId :

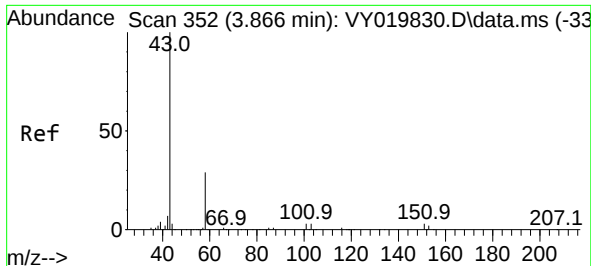
Tgt Ion:168 Resp: 180417
Ion Ratio Lower Upper
168 100
99 65.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

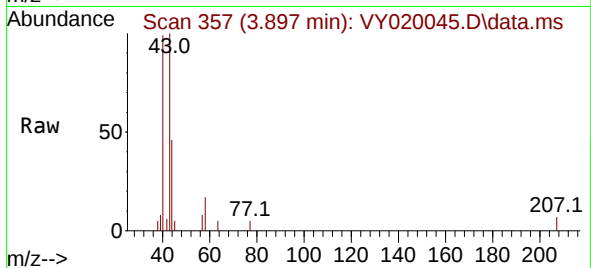
Tgt Ion: 59 Resp: 212
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



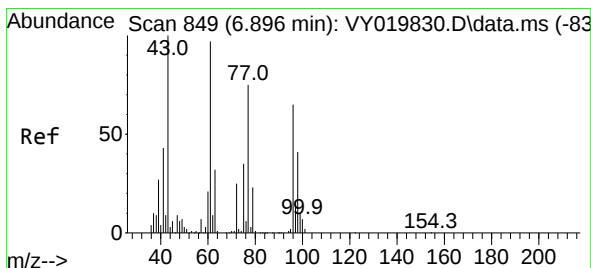
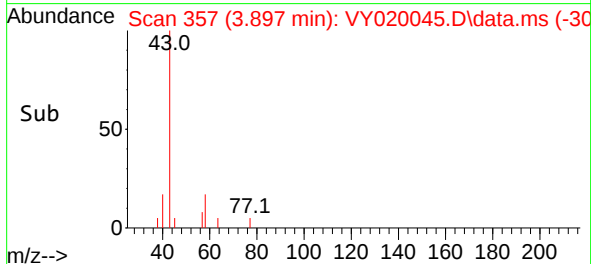
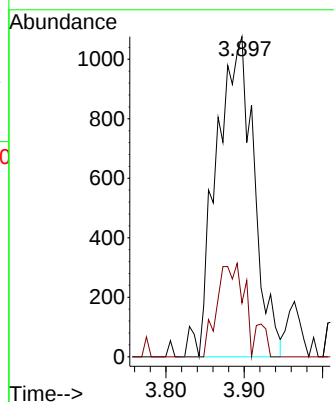


#16
Acetone
Concen: 6.182 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :

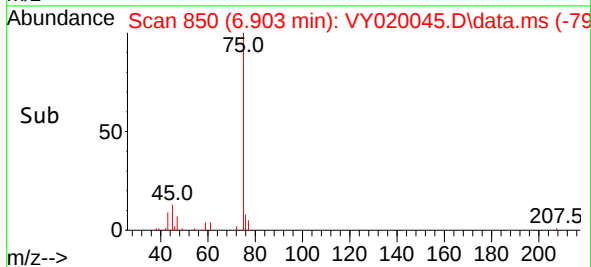
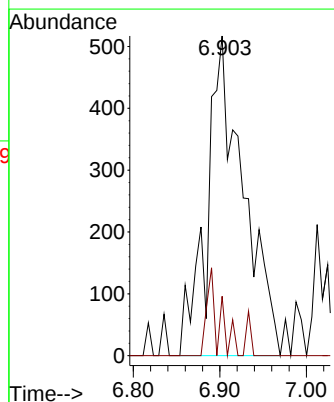
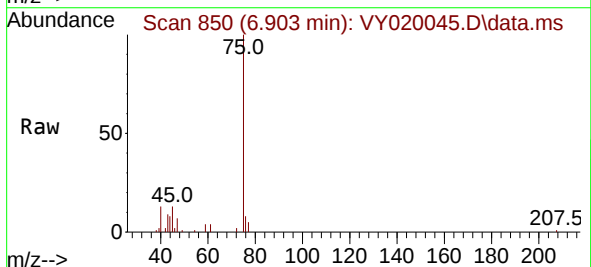


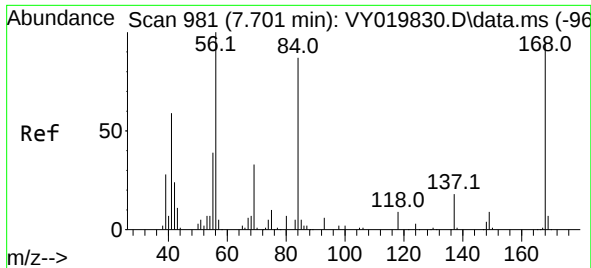
Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 16.8 31.7 47.5#



#25
2-Butanone
Concen: 1.948 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.013 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
72 18.6 27.3 40.9#

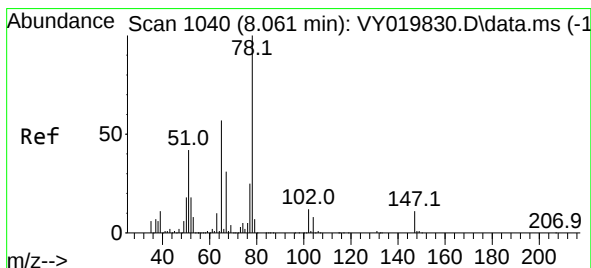
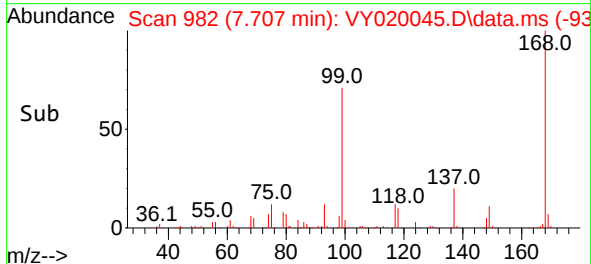
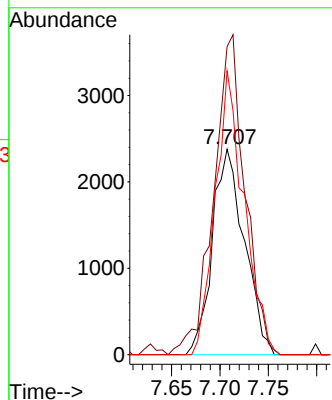
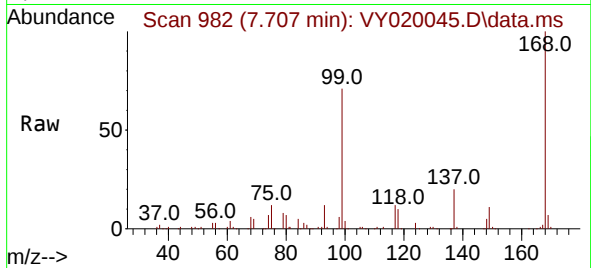




#31
Cyclohexane
Concen: 1.477 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

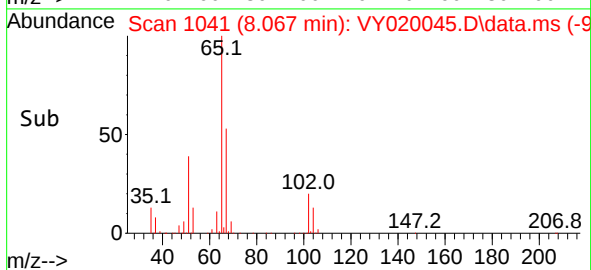
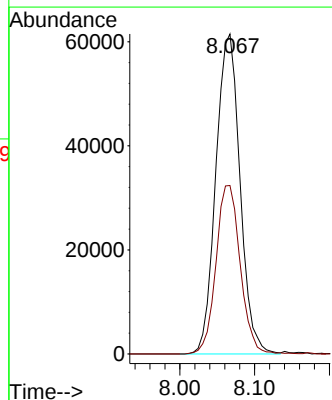
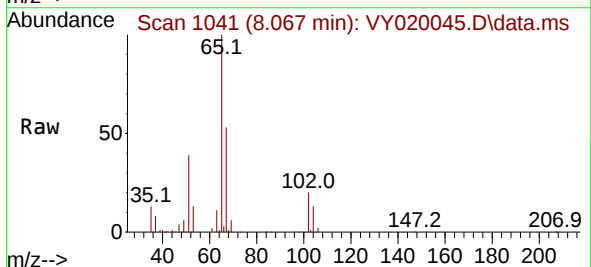
Instrument :
MSVOA_Y
ClientSampleId :

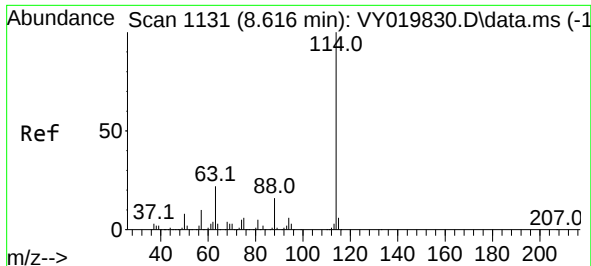
Tgt Ion: 56 Resp: 5481
Ion Ratio Lower Upper
56 100
69 149.9 28.7 43.1#
84 138.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.291 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

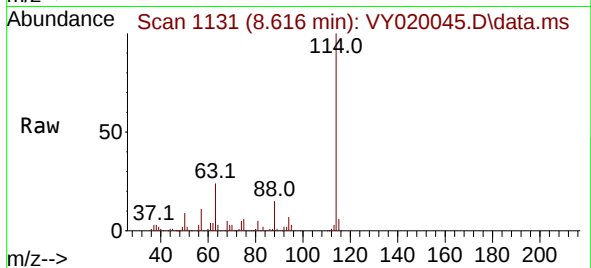
Tgt Ion: 65 Resp: 138377
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6



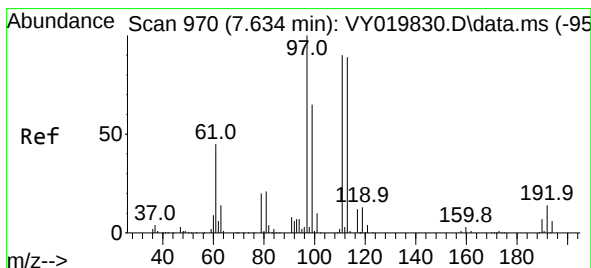
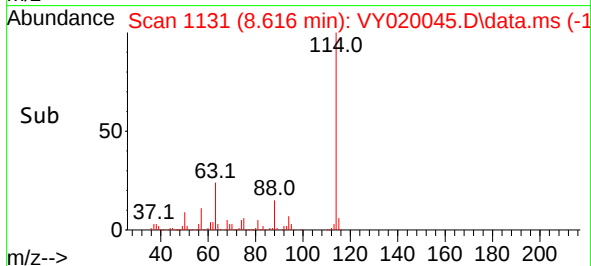
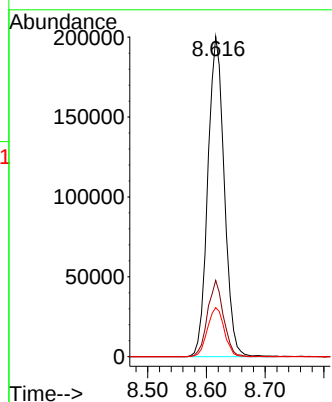


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :

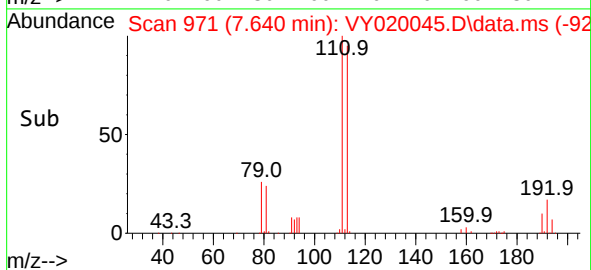
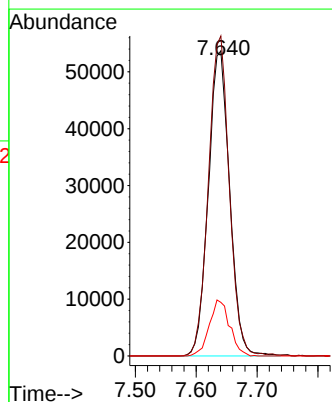
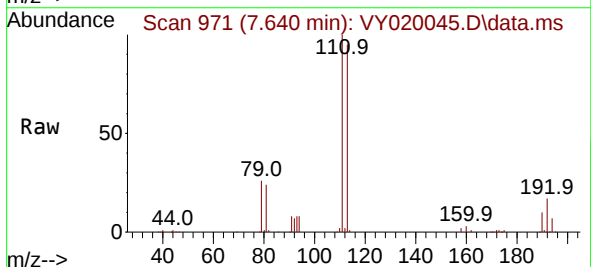


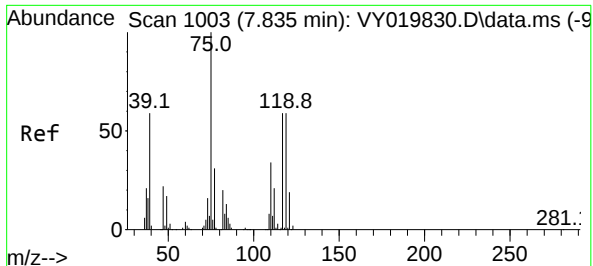
Tgt Ion:114 Resp: 389368
Ion Ratio Lower Upper
114 100
63 23.8 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion:113 Resp: 130537
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.108 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

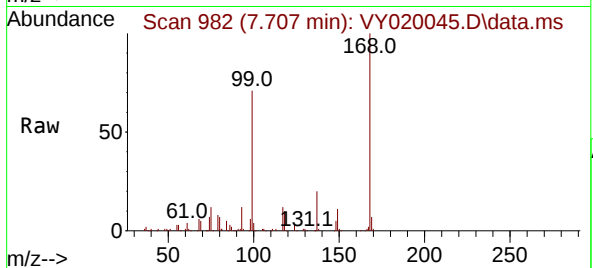
Lab File: VY020045.D

Acq: 28 Oct 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :



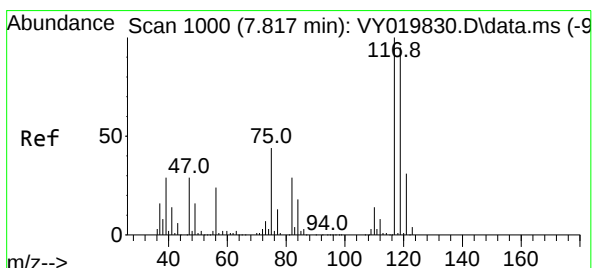
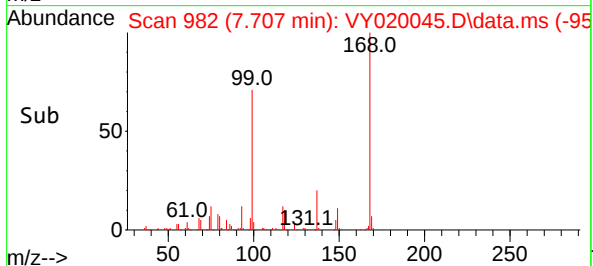
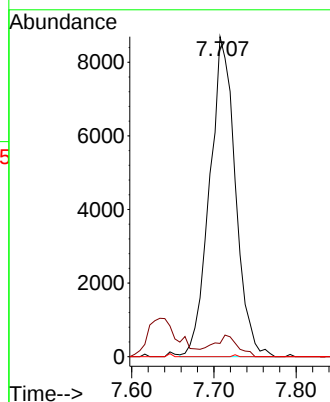
Tgt Ion: 75 Resp: 18909

Ion Ratio Lower Upper

75 100

110 6.4 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.277 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020045.D

Acq: 28 Oct 2024 17:51

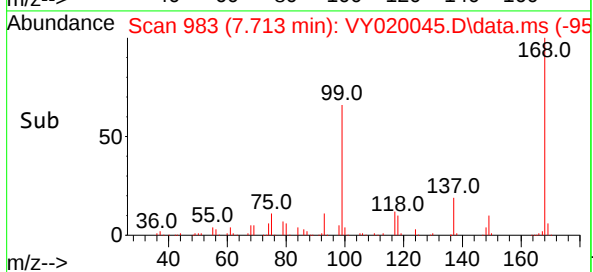
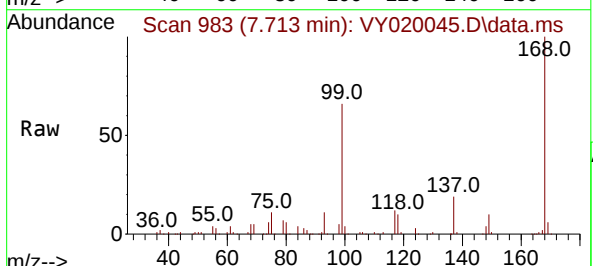
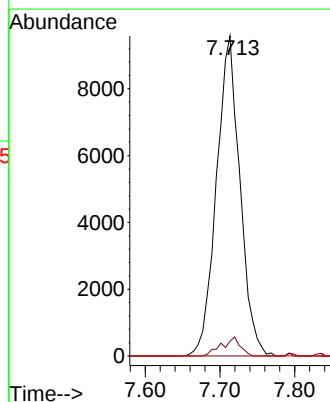
Tgt Ion: 117 Resp: 20939

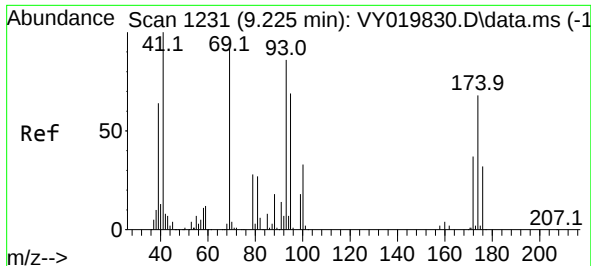
Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.166 ug/l

RT: 9.018 min Scan# 1197

Delta R.T. -0.213 min

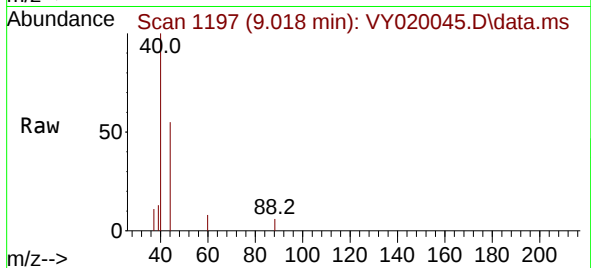
Lab File: VY020045.D

Acq: 28 Oct 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :



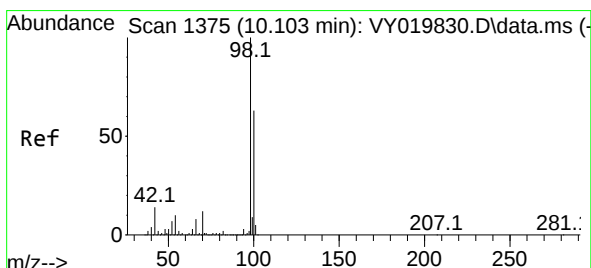
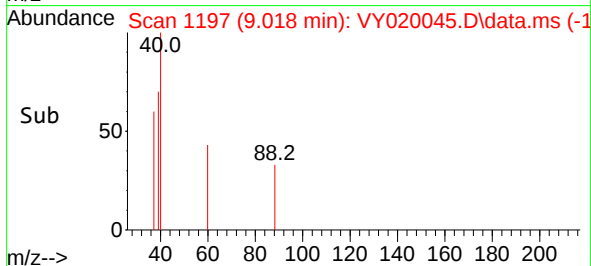
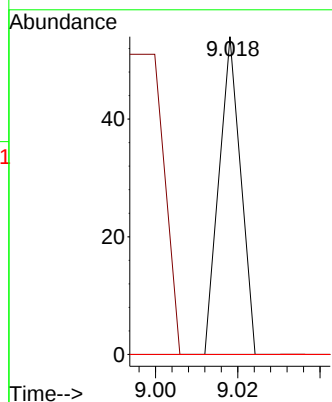
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 50.987 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020045.D

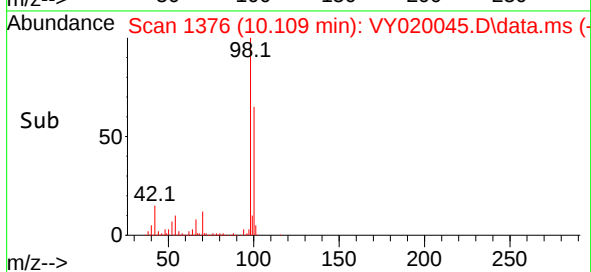
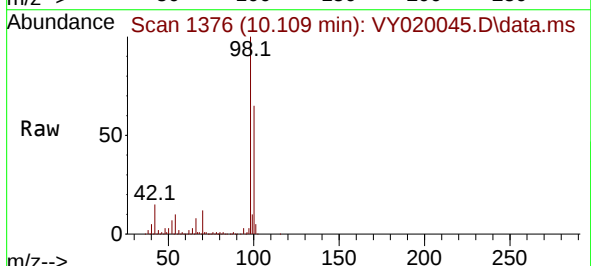
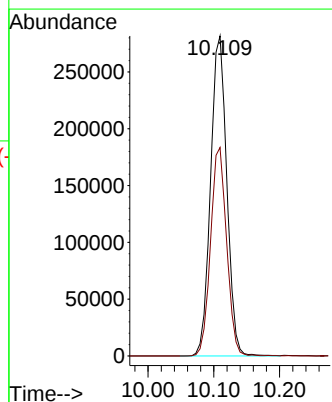
Acq: 28 Oct 2024 17:51

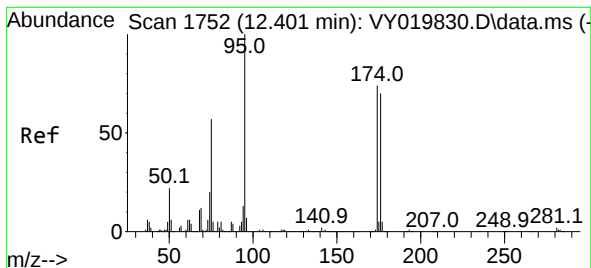
Tgt Ion: 98 Resp: 483783

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

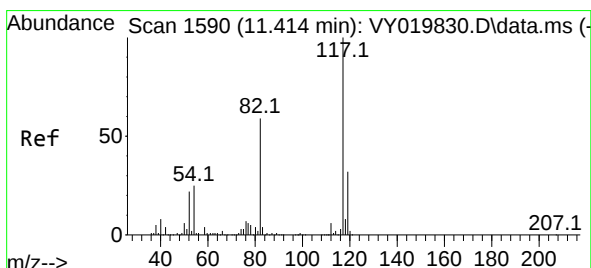
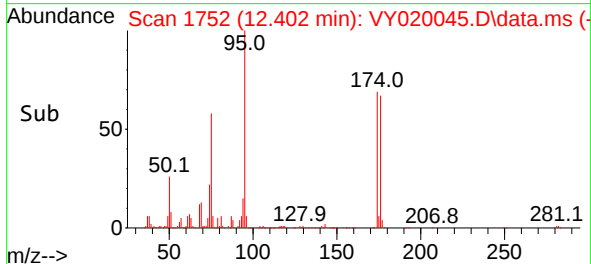
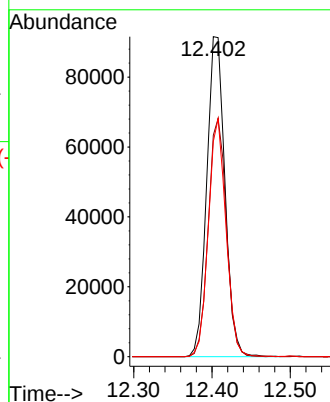
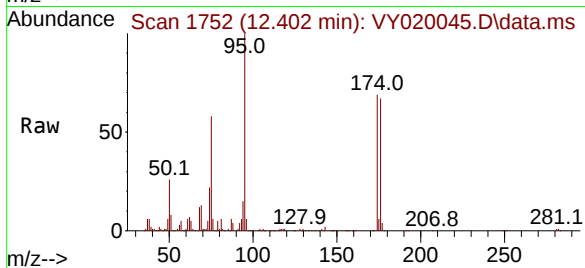




#62
4-Bromofluorobenzene
Concen: 43.051 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

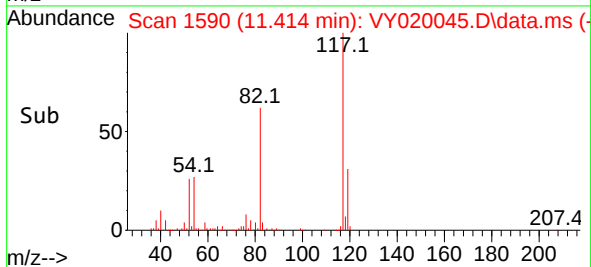
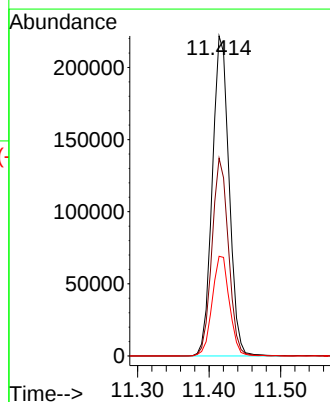
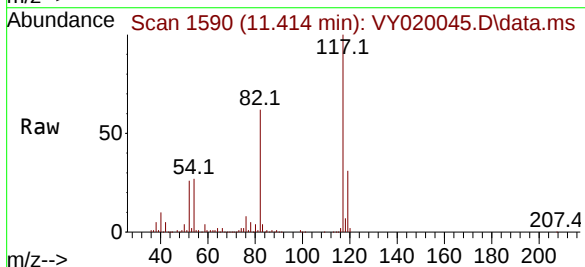
Instrument :
MSVOA_Y
ClientSampleId :

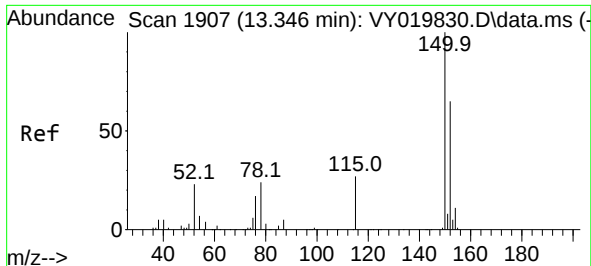
Tgt Ion: 95 Resp: 147597
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion: 117 Resp: 361423
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 31.2 25.9 38.9

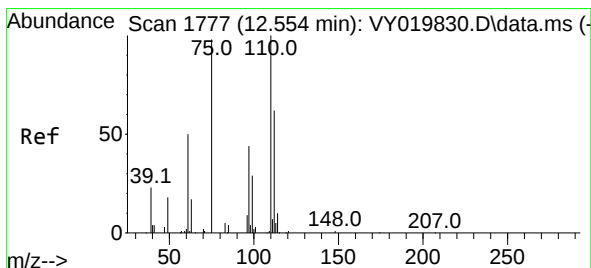
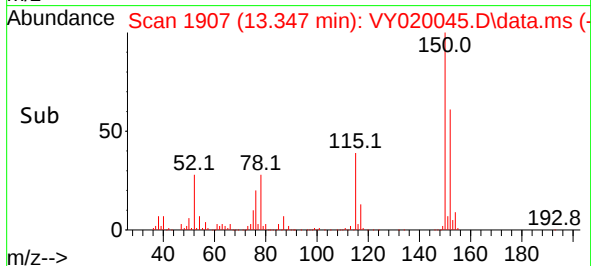
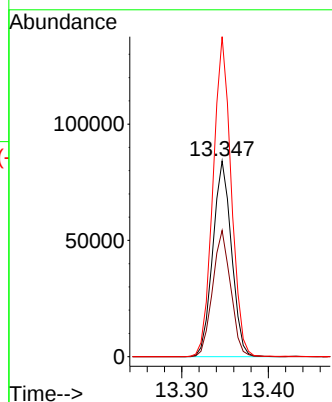
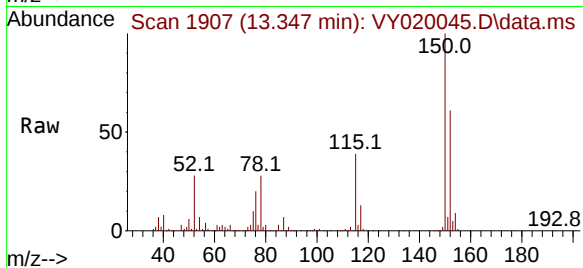




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020045.D
 Acq: 28 Oct 2024 17:51

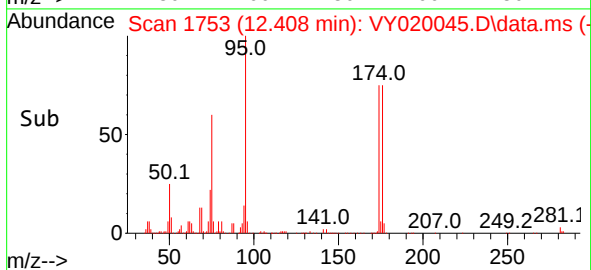
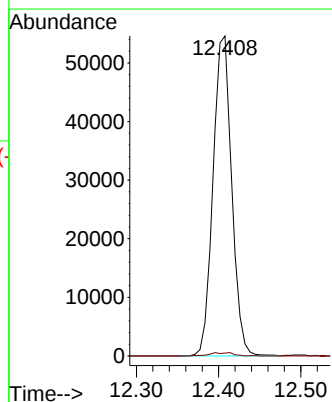
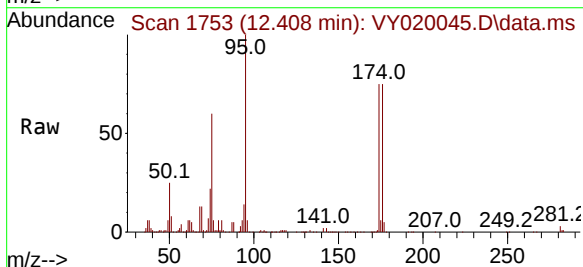
Instrument :
 MSVOA_Y
 ClientSampleId :

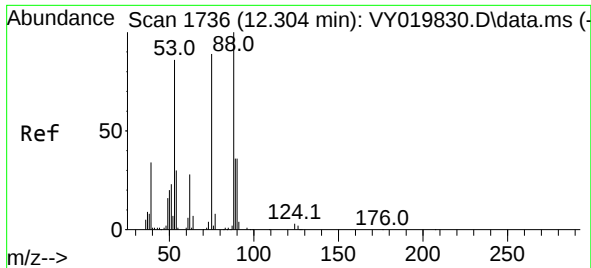
Tgt Ion:152 Resp: 126157
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.2 84.7
 150 159.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 34.833 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020045.D
 Acq: 28 Oct 2024 17:51

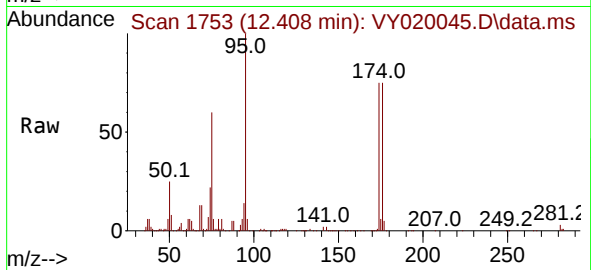
Tgt Ion: 75 Resp: 86086
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.599 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :



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

