

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019383.D
 Acq On : 29 Aug 2024 21:00
 Operator : SY/MD
 Sample : P3739-03
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:50:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

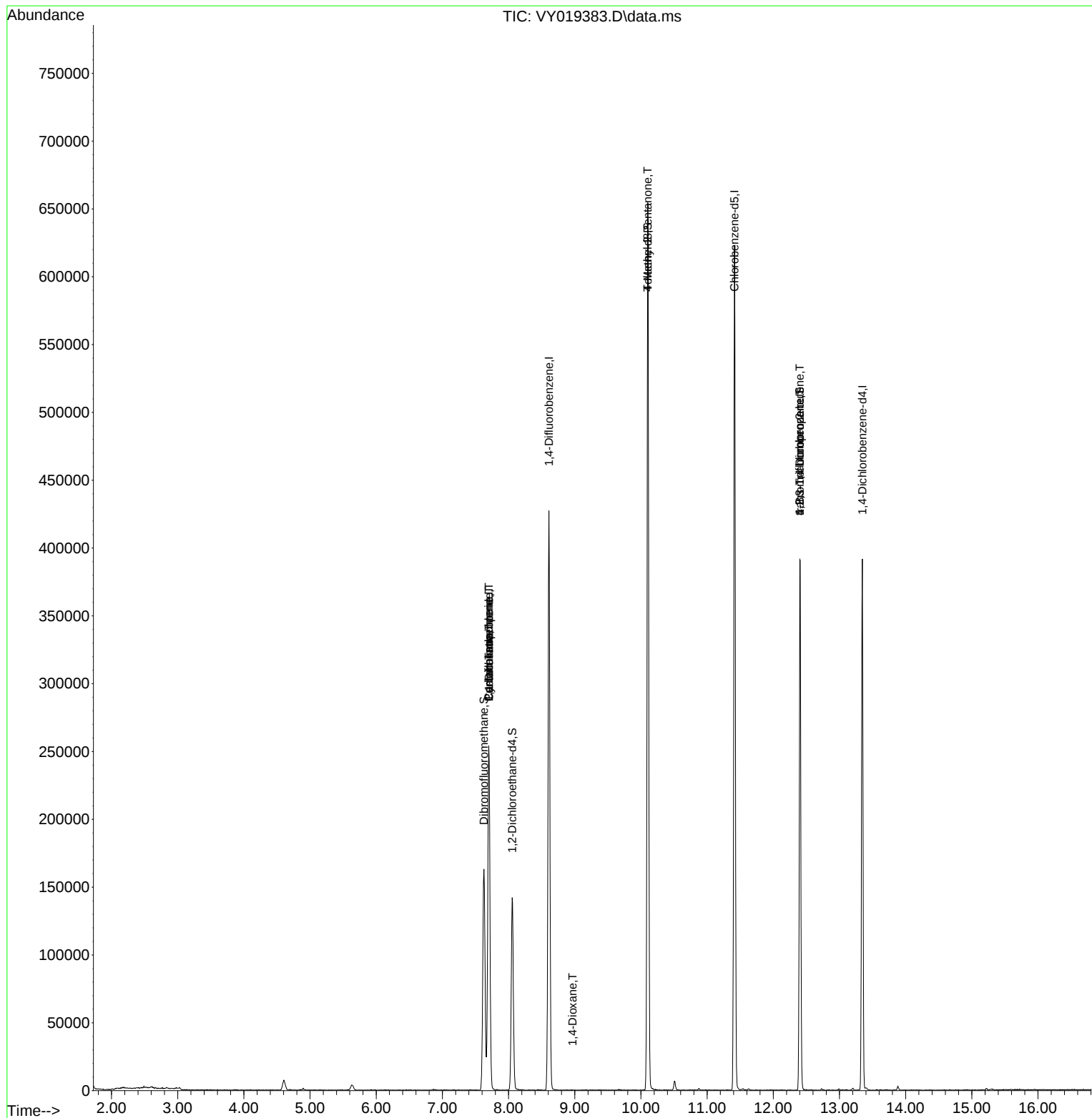
Internal Standards						
1) Pentafluorobenzene	7.701	168	200487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	369246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	335395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	112377	59.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.360%
35) Dibromofluoromethane	7.628	113	114696	49.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.103	98	409614	47.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.401	95	117165	42.152	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.300%
Target Compounds						
5) Bromomethane	2.598	94	609	Below Cal		89
20) Methylene Chloride	4.610	84	5017	Below Cal		95
31) Cyclohexane	7.701	56	4209	1.303	ug/l #	20
36) 1,1-Dichloropropene	7.701	75	14628	4.434	ug/l #	48
38) Carbon Tetrachloride	7.701	117	20236	5.033	ug/l #	16
49) 1,4-Dioxane	8.969	88	22	1.534	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	1864	1.397	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	62779	73.672	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	62779	182.269	ug/l #	16

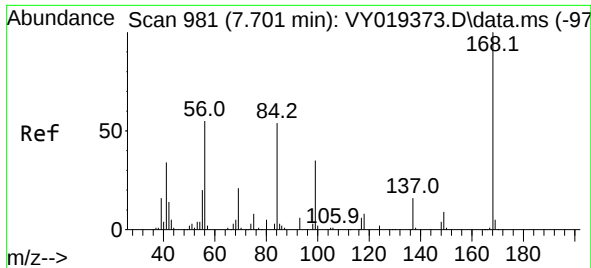
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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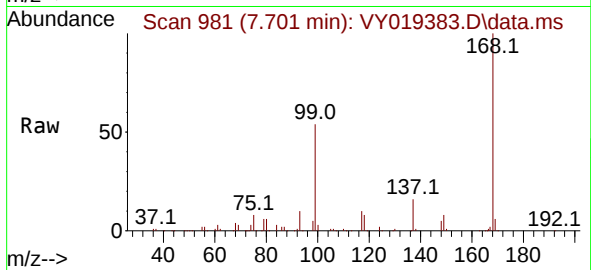
Quant Time: Aug 30 04:50:27 2024
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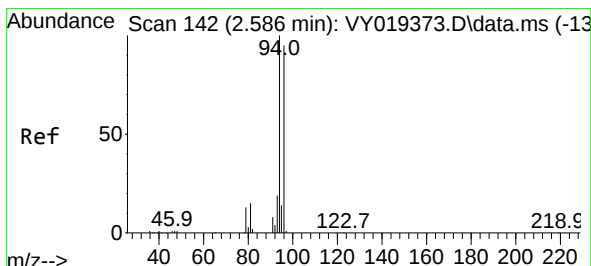
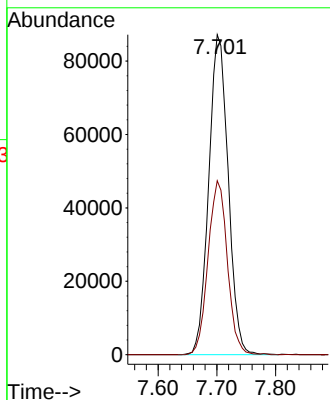
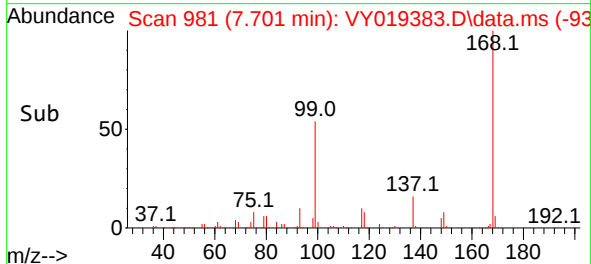


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

Instrument :
MSVOA_Y
ClientSampleId :

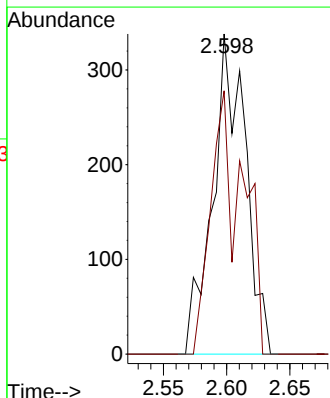
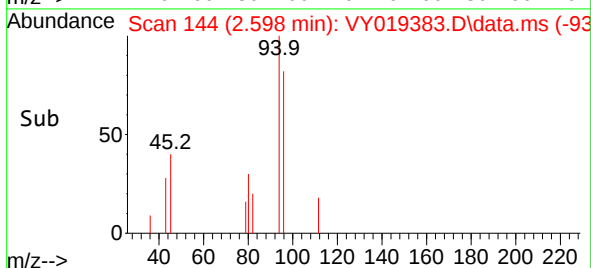
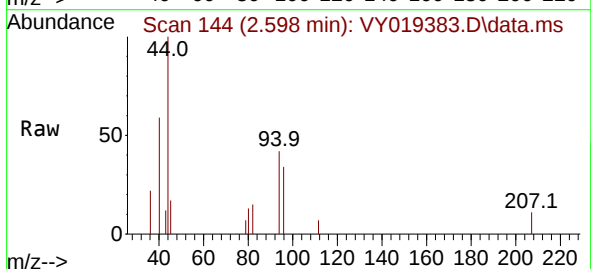


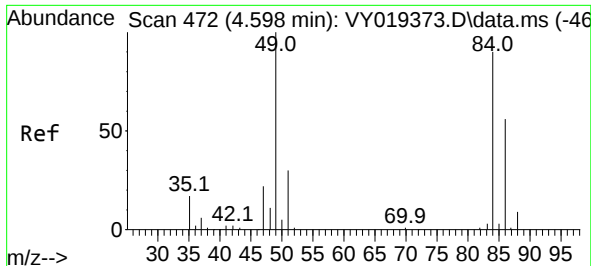
Tgt Ion:168 Resp: 200487
Ion Ratio Lower Upper
168 100
99 54.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 82.2 74.1 111.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY019383.D

Acq: 29 Aug 2024 21:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 5017

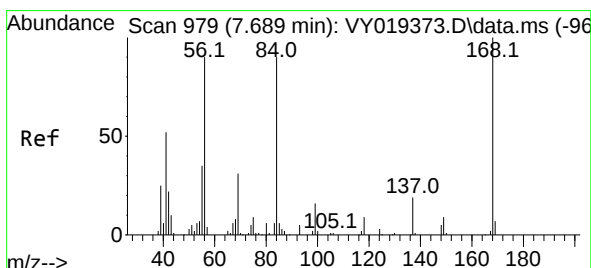
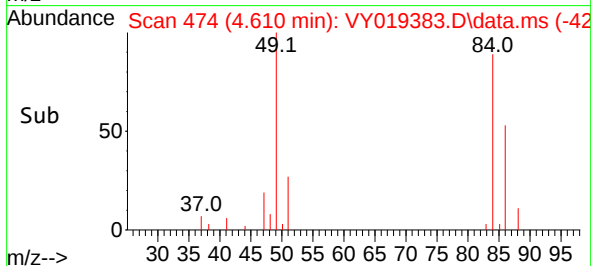
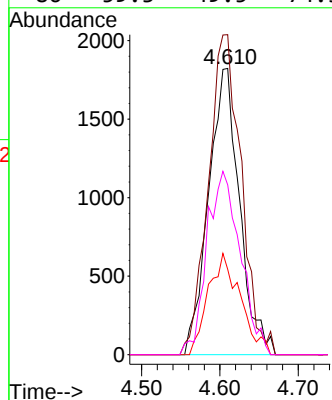
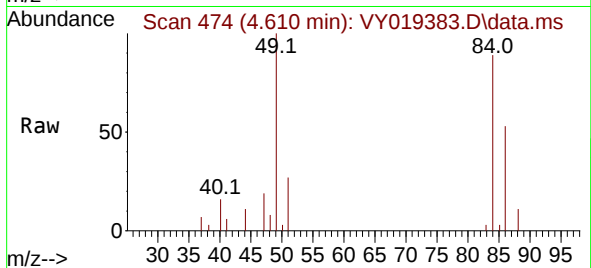
Ion Ratio Lower Upper

84 100

49 111.8 84.4 126.6

51 29.8 26.0 39.0

86 59.3 49.5 74.3



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019383.D

Acq: 29 Aug 2024 21:00

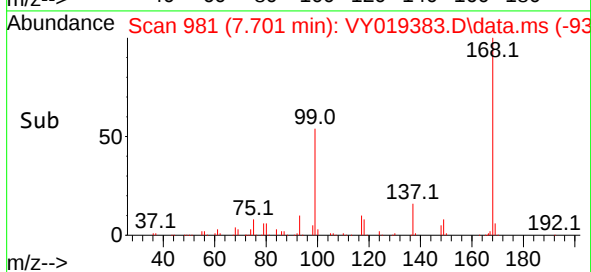
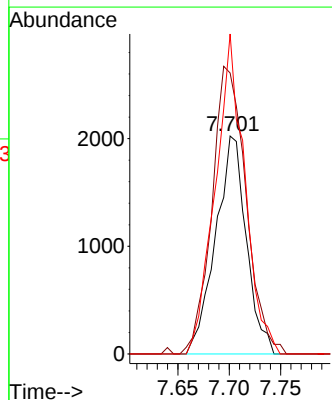
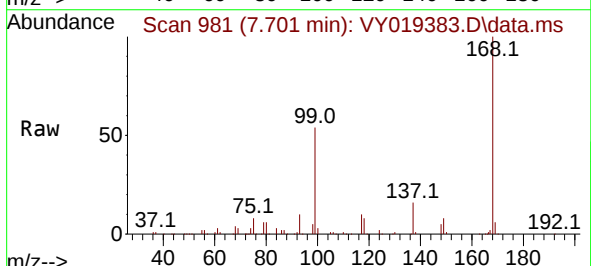
Tgt Ion: 56 Resp: 4209

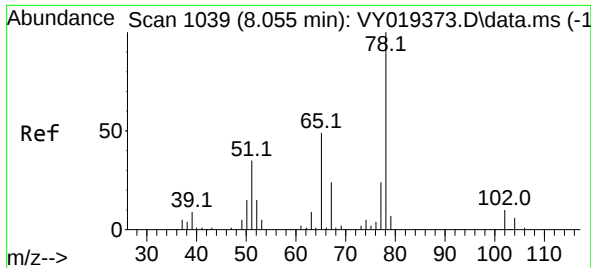
Ion Ratio Lower Upper

56 100

69 129.0 28.7 43.1#

84 146.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.178 ug/l

RT: 8.054 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY019383.D

Acq: 29 Aug 2024 21:00

Instrument :

MSVOA_Y

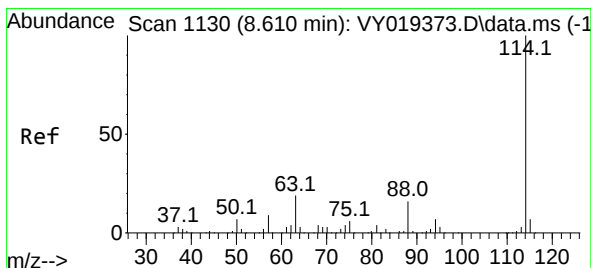
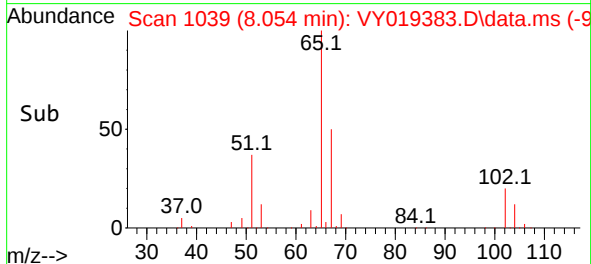
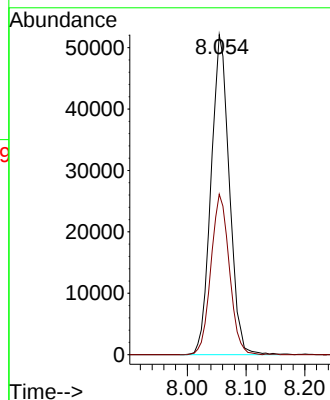
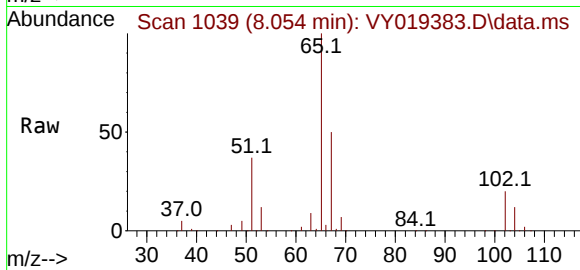
ClientSampleId :

Tgt Ion: 65 Resp: 112377

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019383.D

Acq: 29 Aug 2024 21:00

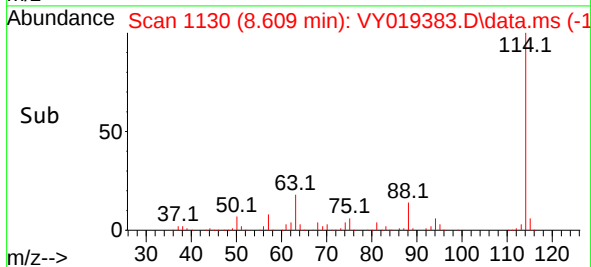
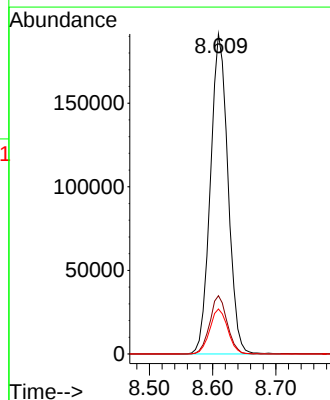
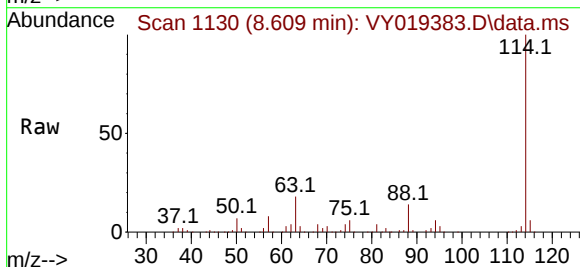
Tgt Ion: 114 Resp: 369246

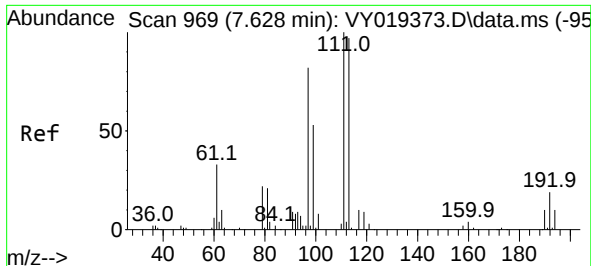
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

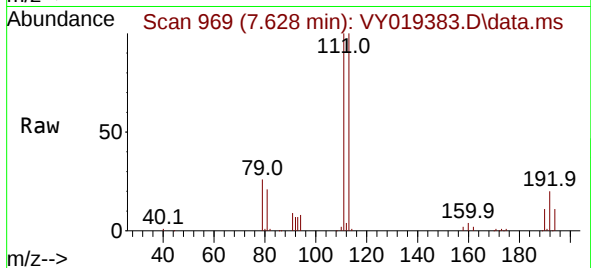
88 14.0 0.0 27.2



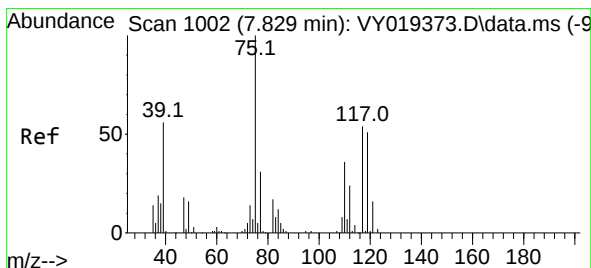
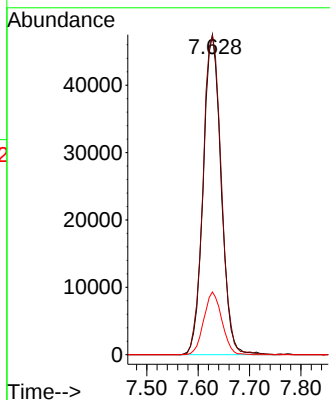
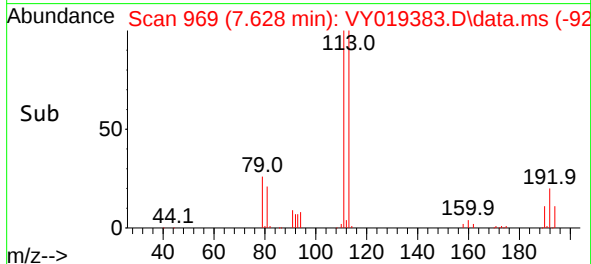


#35
Dibromofluoromethane
Concen: 49.131 ug/l
RT: 7.628 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

Instrument :
MSVOA_Y
ClientSampleId :

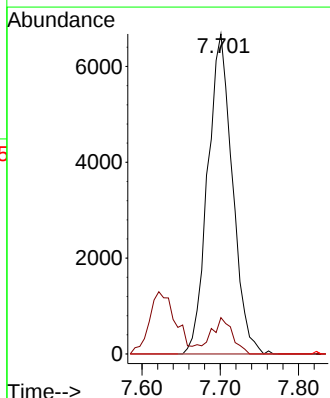
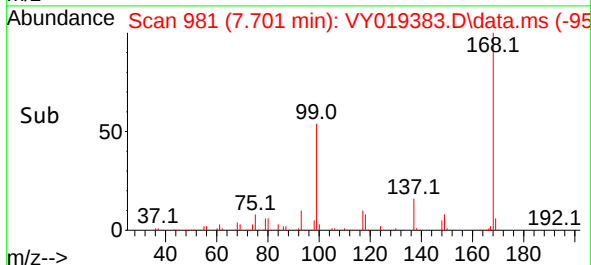
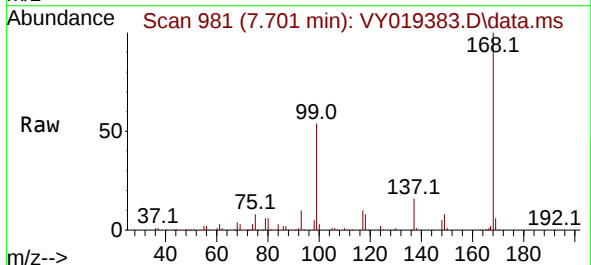


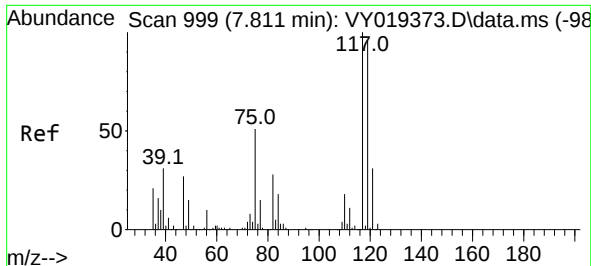
Tgt Ion:113 Resp: 114696
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

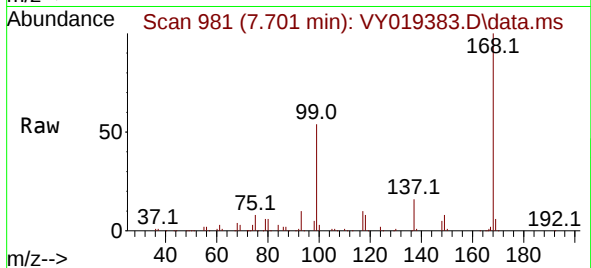
Tgt Ion: 75 Resp: 14628
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



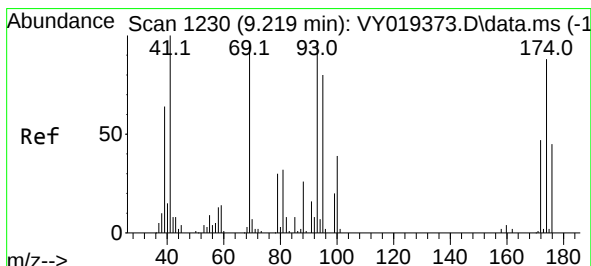
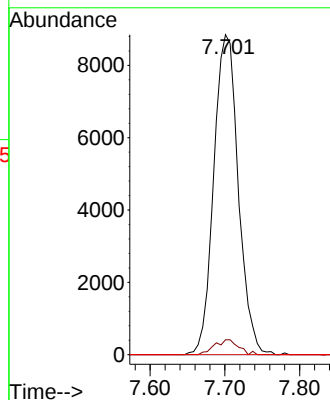
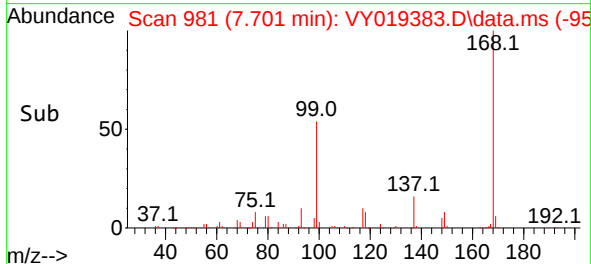


#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

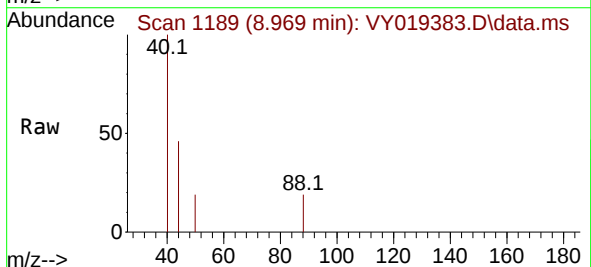
Instrument :
MSVOA_Y
ClientSampleId :



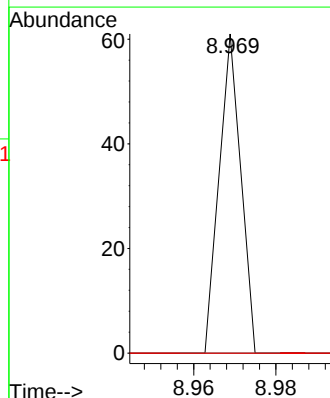
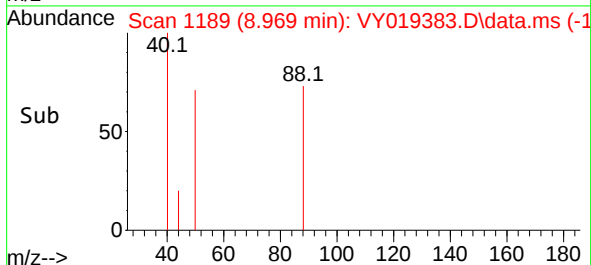
Tgt Ion:117 Resp: 20236
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#

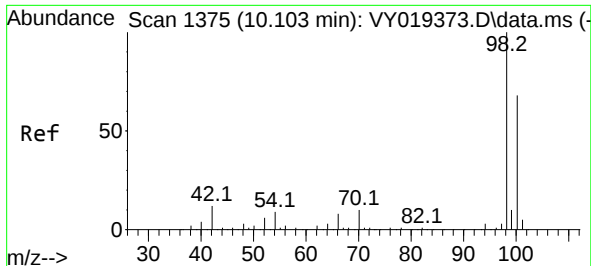


#49
1,4-Dioxane
Concen: 1.534 ug/l
RT: 8.969 min Scan# 1189
Delta R.T. -0.250 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00



Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

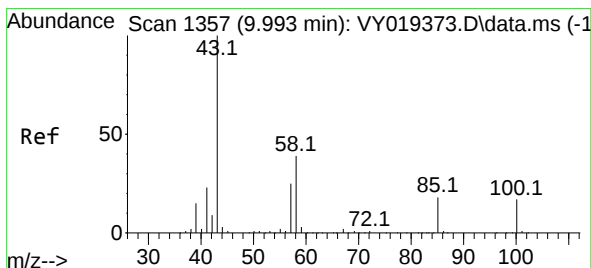
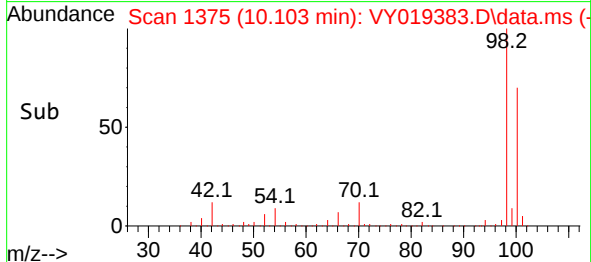
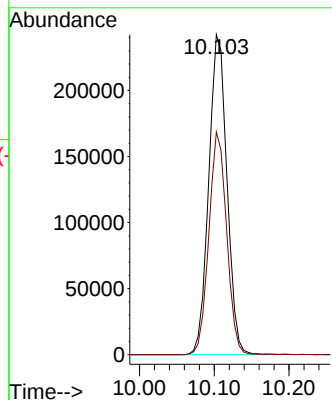
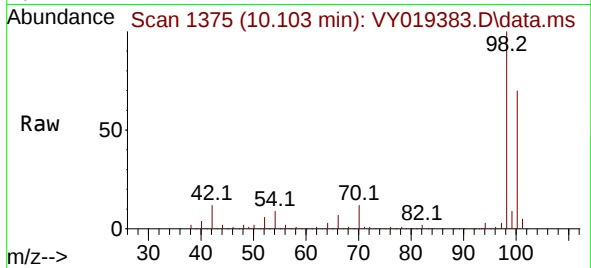




#50
Toluene-d8
Concen: 47.664 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

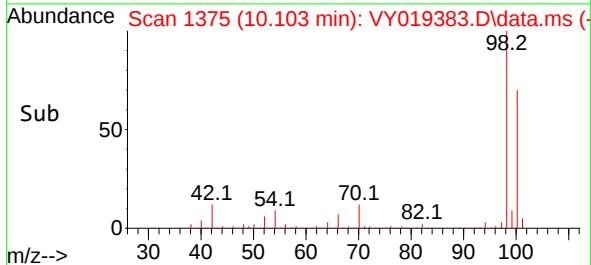
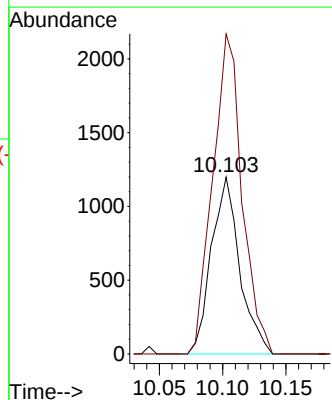
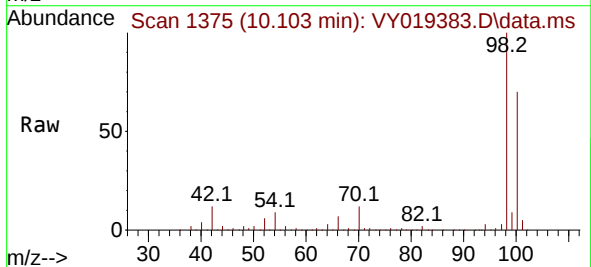
Instrument :
MSVOA_Y
ClientSampleId :

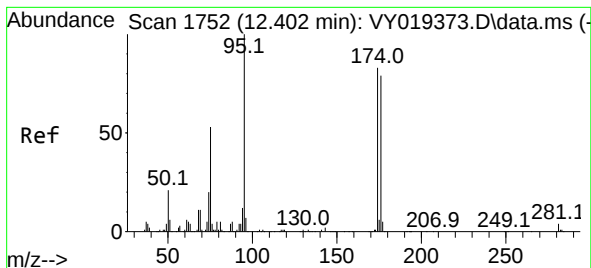
Tgt Ion: 98 Resp: 409614
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.397 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.109 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

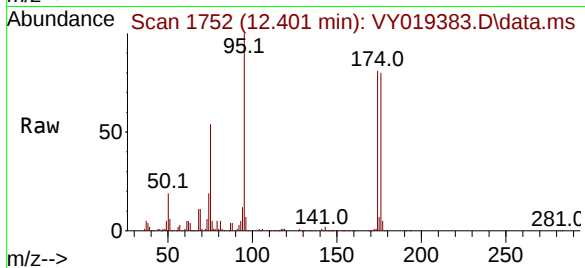
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 187.8 35.7 53.5#



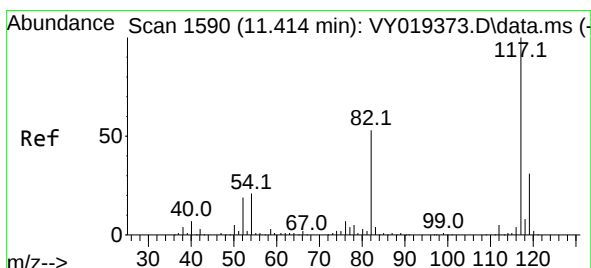
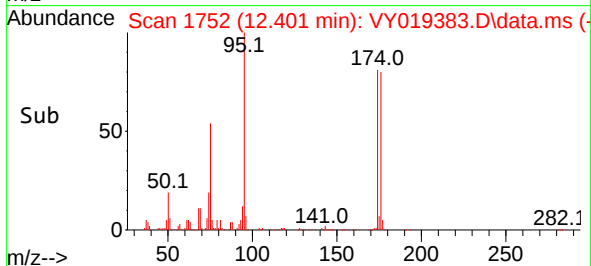
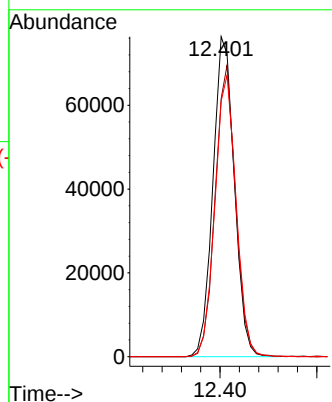


#62
4-Bromofluorobenzene
Concen: 42.152 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

Instrument :
MSVOA_Y
ClientSampleId :

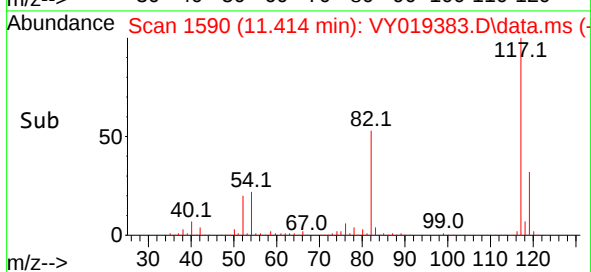
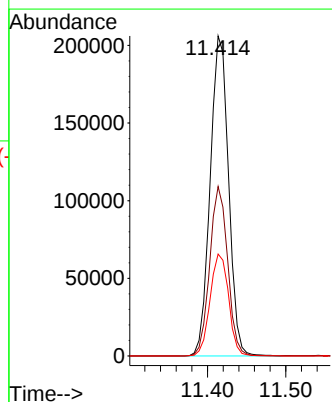
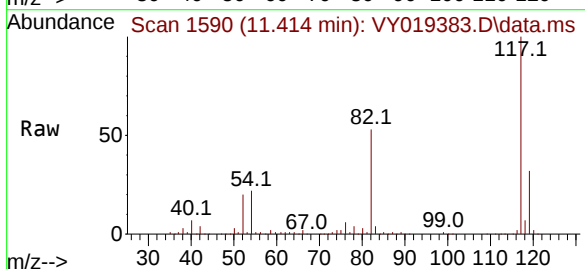


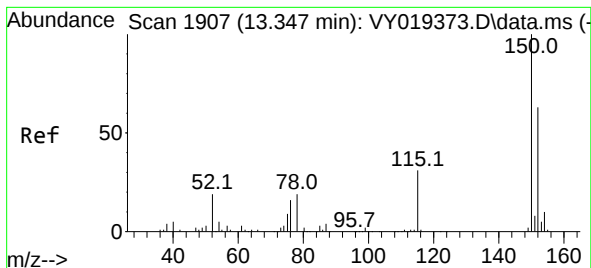
Tgt Ion: 95 Resp: 117165
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 87.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

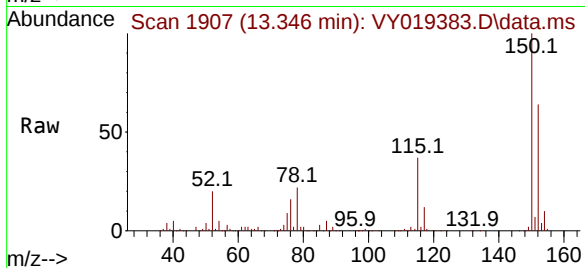
Tgt Ion: 117 Resp: 335395
Ion Ratio Lower Upper
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82 53.0 42.4 63.6
119 31.8 25.9 38.9



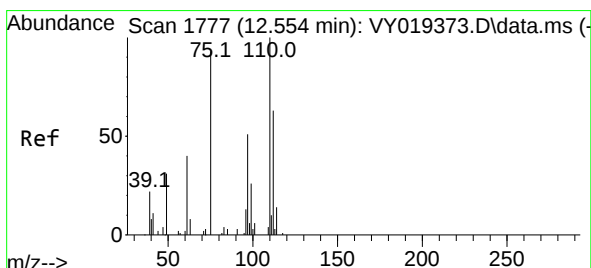
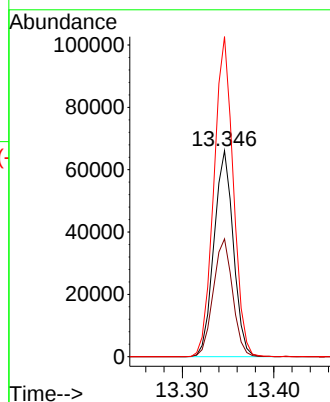
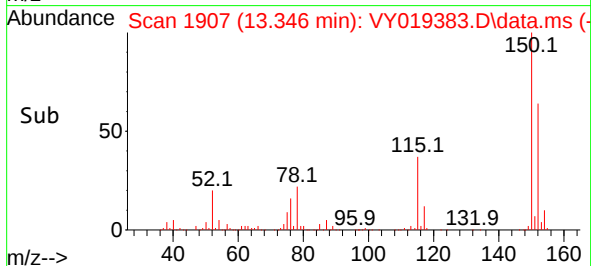


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

Instrument :
MSVOA_Y
ClientSampleId :

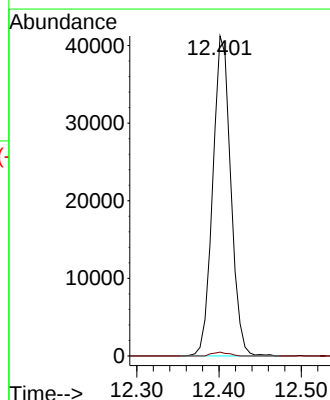
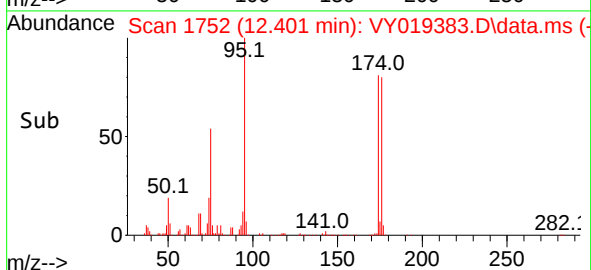
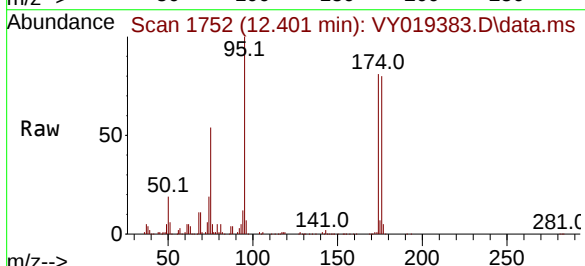


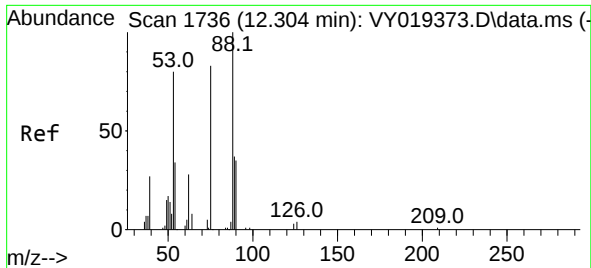
Tgt Ion:152 Resp: 97033
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 155.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 73.672 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY019383.D
Acq: 29 Aug 2024 21:00

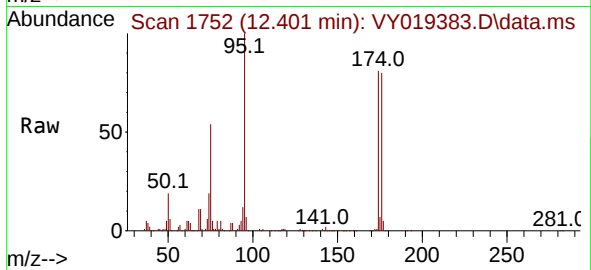
Tgt Ion: 75 Resp: 62779
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 182.269 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019383.D
 Acq: 29 Aug 2024 21:00

Instrument :
 MSVOA_Y
 ClientSampleId :



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

