

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019963.D
 Acq On : 21 Oct 2024 15:21
 Operator : SY/MD
 Sample : P4467-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:32:37 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)

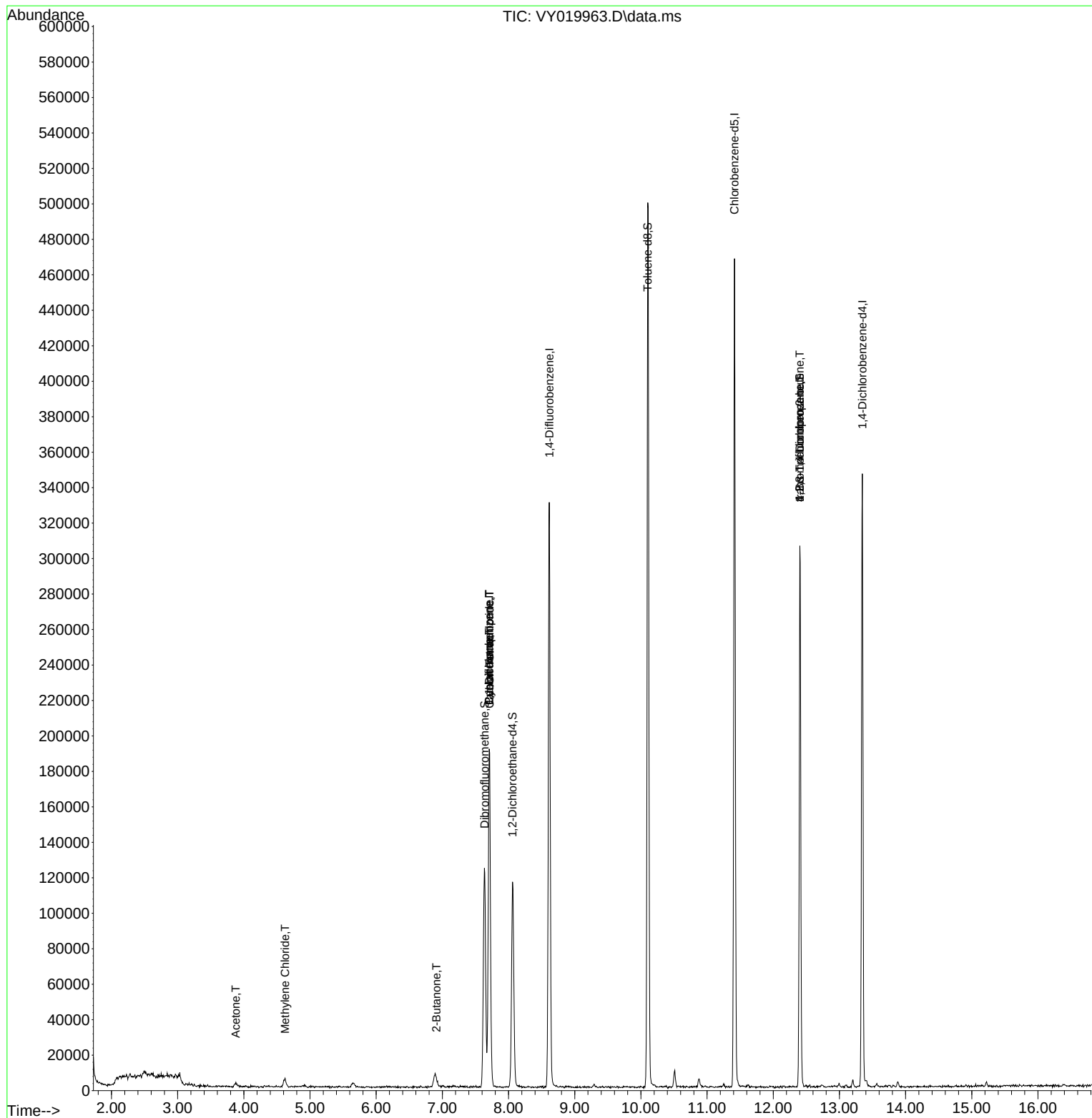
Internal Standards						
1) Pentafluorobenzene	7.707	168	134046	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	261529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	224525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	78214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90230	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.640	113	87237	50.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.100%	
50) Toluene-d8	10.103	98	316240	49.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.402	95	90172	39.157	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	72	Below Cal	#	88
16) Acetone	3.879	43	3810	8.868	ug/l	91
20) Methylene Chloride	4.622	84	2879	1.024	ug/l #	88
25) 2-Butanone	6.909	43	927	1.612	ug/l #	41
31) Cyclohexane	7.707	56	4169	1.512	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	12992	5.225	ug/l #	47
38) Carbon Tetrachloride	7.713	117	15067	5.653	ug/l #	19
76) 1,2,3-Trichloropropane	12.402	75	54154	35.344	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	54154	142.661	ug/l #	16

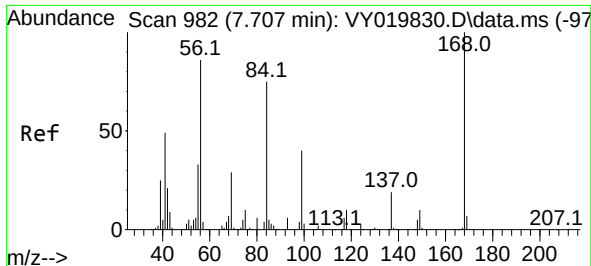
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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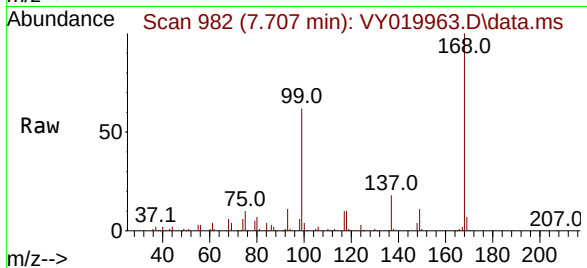
Quant Time: Oct 21 23:32:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
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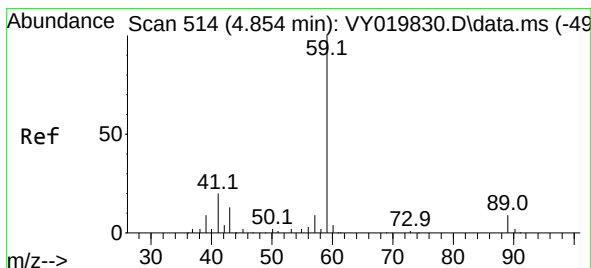
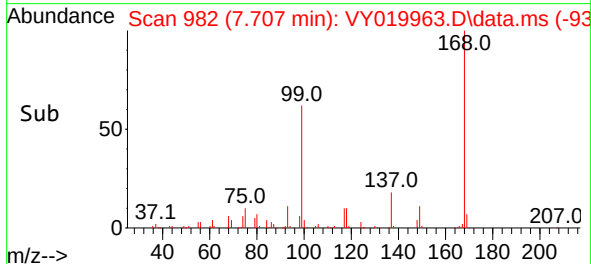
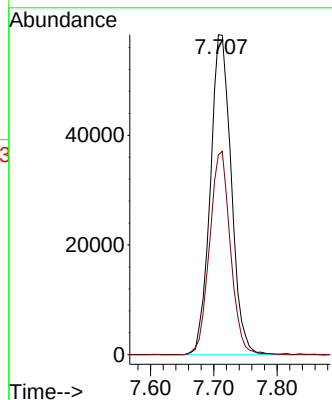


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

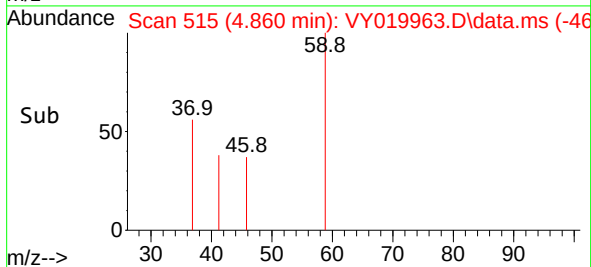
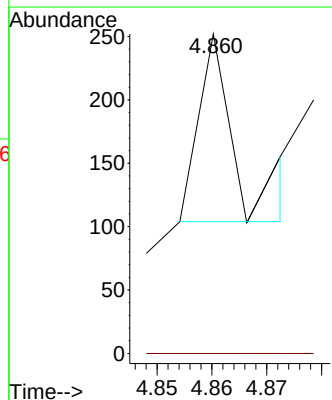
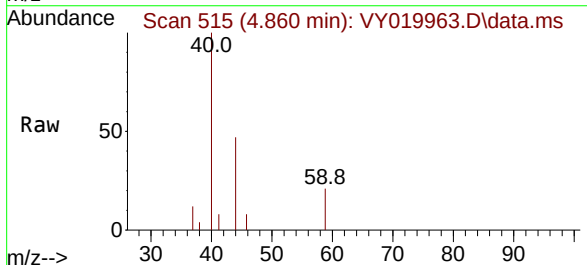


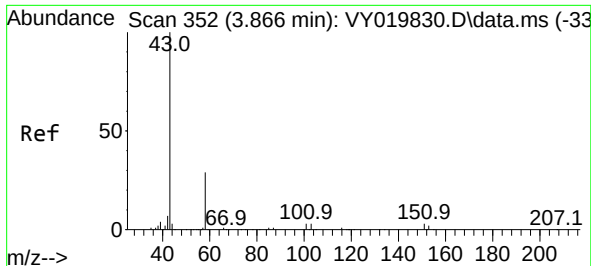
Tgt Ion:168 Resp: 134046
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

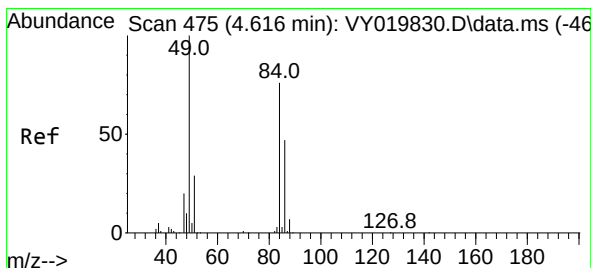
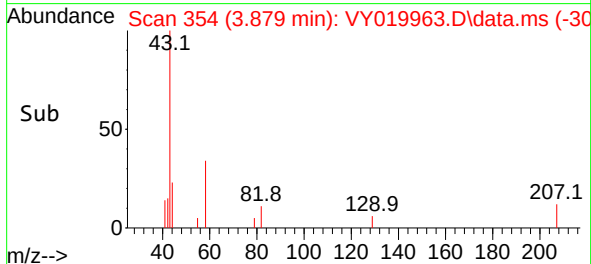
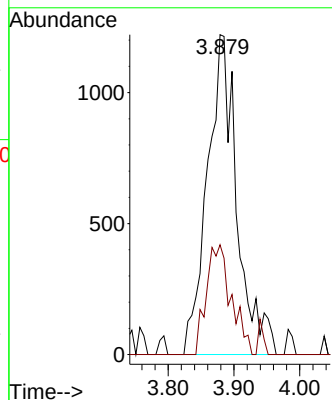
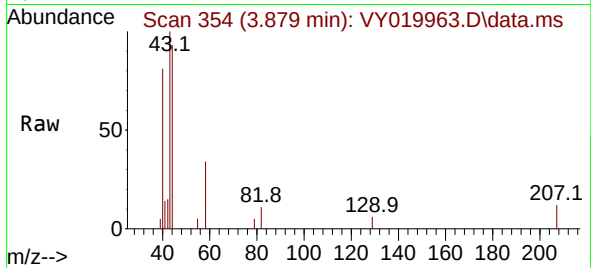




#16
Acetone
Concen: 8.868 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

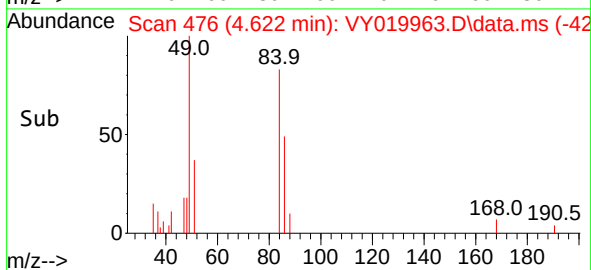
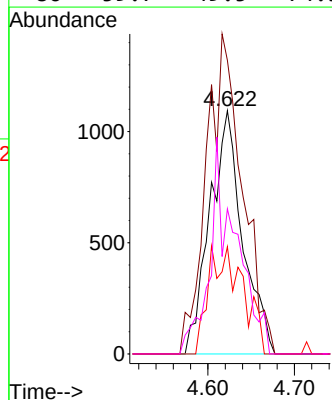
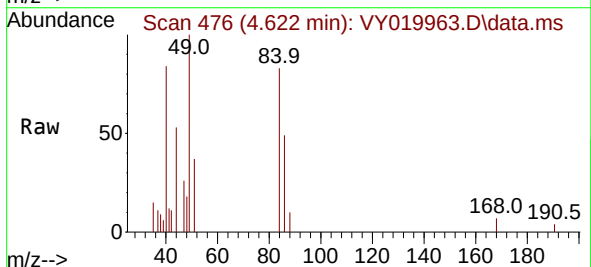
Instrument :
MSVOA_Y
ClientSampleId :

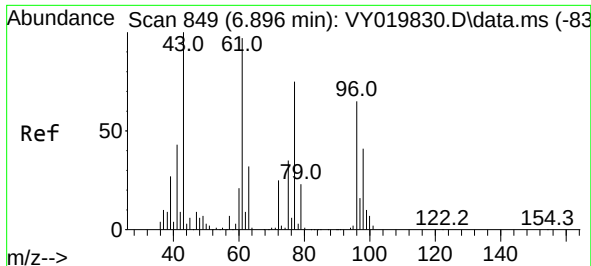
Tgt Ion: 43 Resp: 3810
Ion Ratio Lower Upper
43 100
58 34.3 31.7 47.5



#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 84 Resp: 2879
Ion Ratio Lower Upper
84 100
49 120.7 84.4 126.6
51 44.1 26.0 39.0#
86 59.7 49.5 74.3





#25

2-Butanone

Concen: 1.612 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.019 min

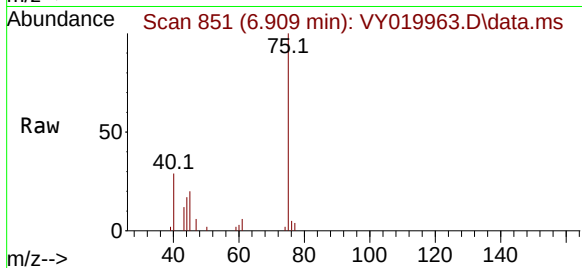
Lab File: VY019963.D

Acq: 21 Oct 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

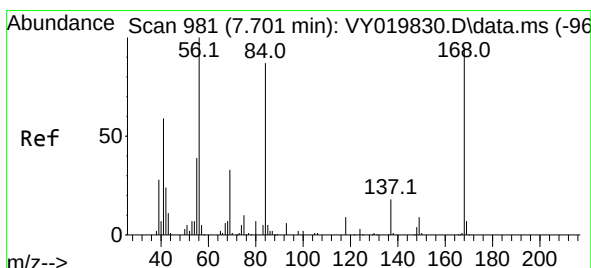
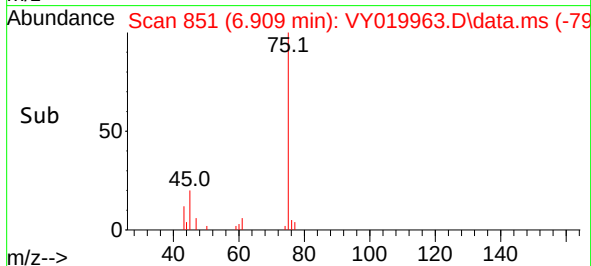
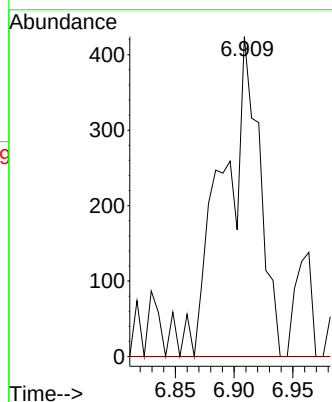


Tgt Ion: 43 Resp: 927

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.512 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019963.D

Acq: 21 Oct 2024 15:21

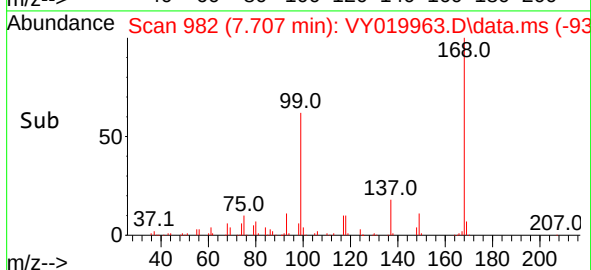
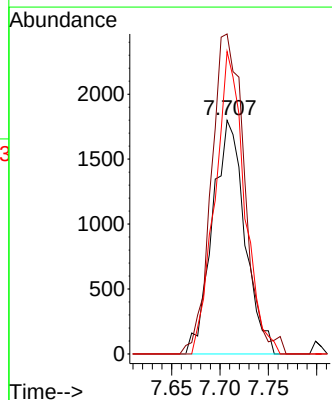
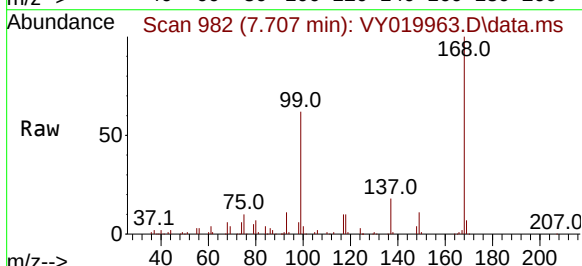
Tgt Ion: 56 Resp: 4169

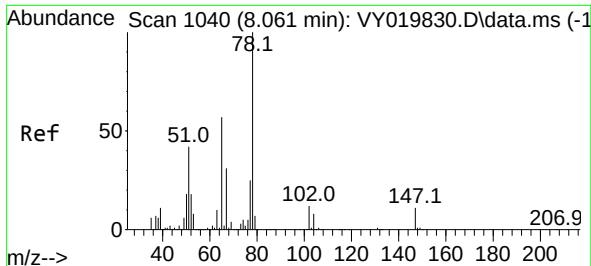
Ion Ratio Lower Upper

56 100

69 137.0 28.7 43.1#

84 129.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.668 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019963.D

Acq: 21 Oct 2024 15:21

Instrument :

MSVOA_Y

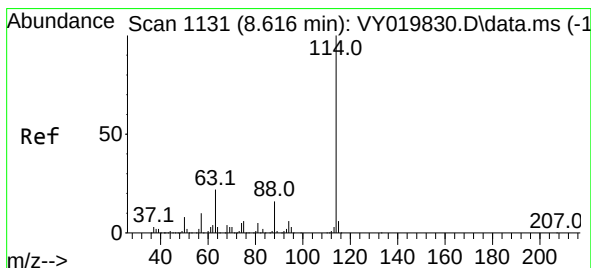
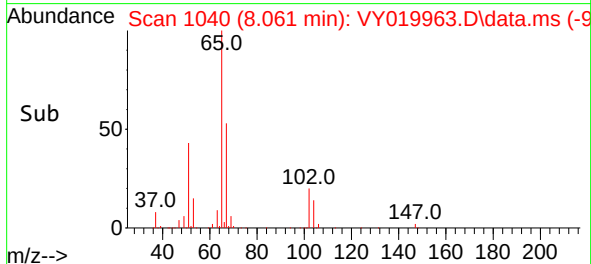
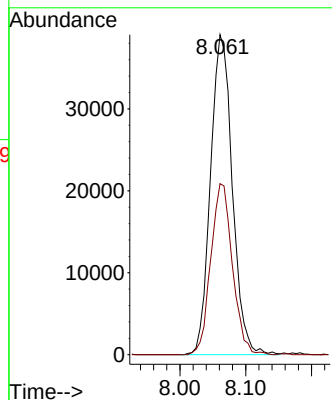
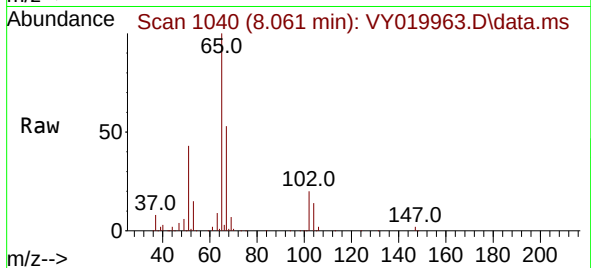
ClientSampleId :

Tgt Ion: 65 Resp: 90230

Ion Ratio Lower Upper

65 100

67 53.0 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: VY019963.D

Acq: 21 Oct 2024 15:21

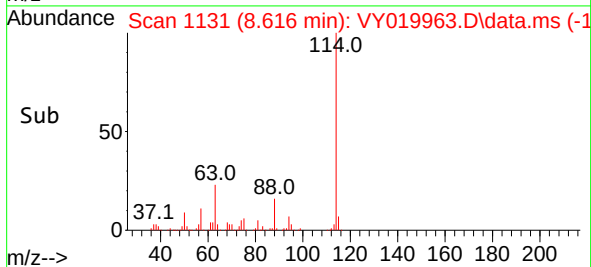
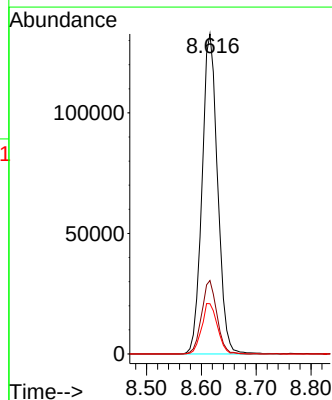
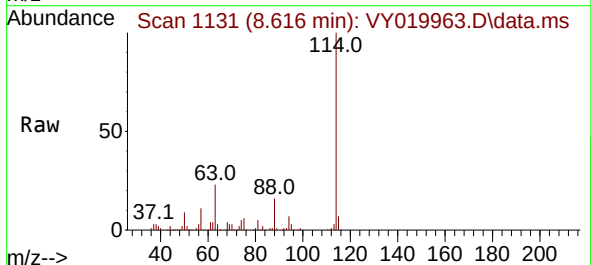
Tgt Ion: 114 Resp: 261529

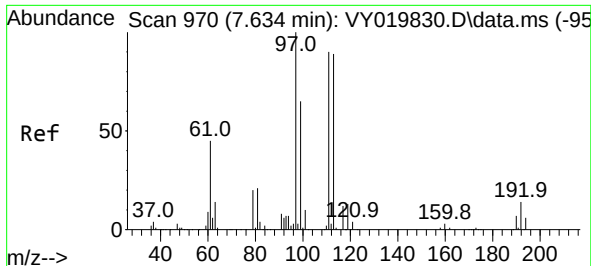
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

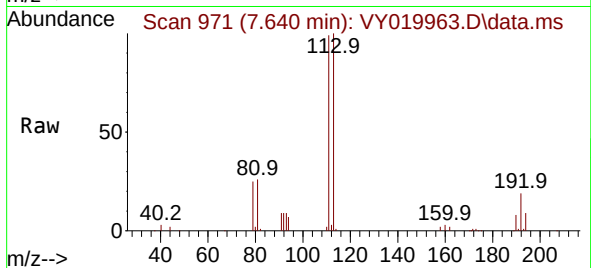
88 15.7 0.0 27.2



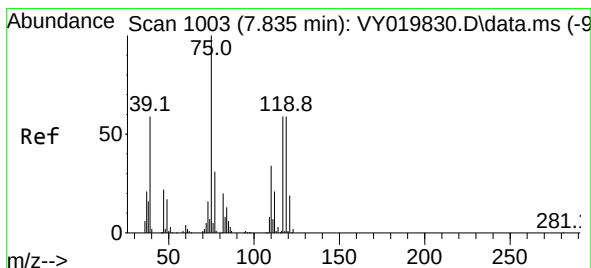
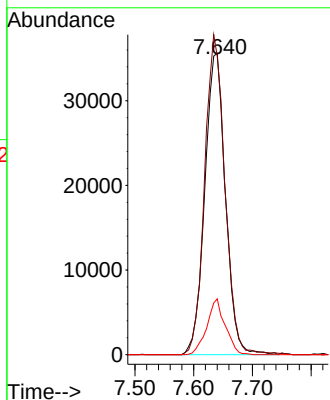
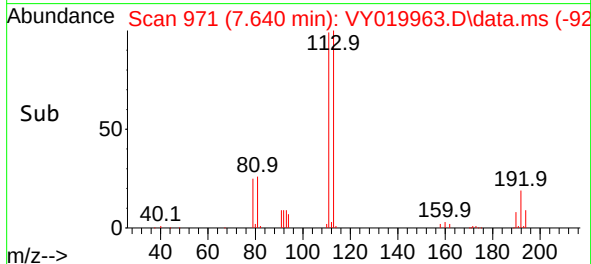


#35
Dibromofluoromethane
Concen: 50.549 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

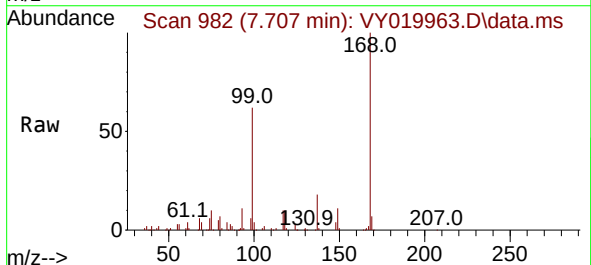
Instrument :
MSVOA_Y
ClientSampleId :



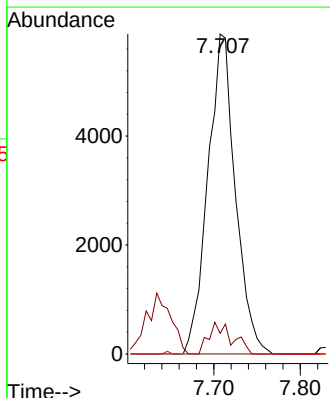
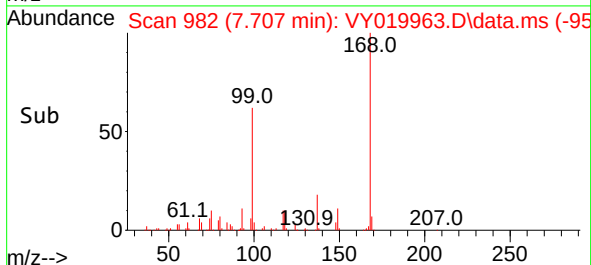
Tgt Ion:113 Resp: 87237
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 16.4 15.9 23.9

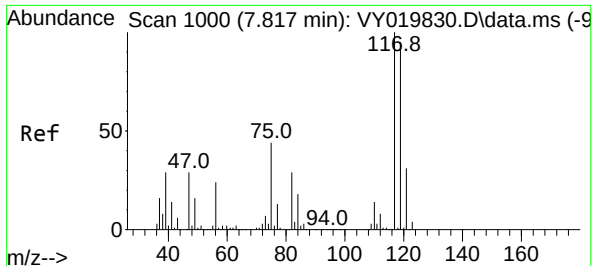


#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21



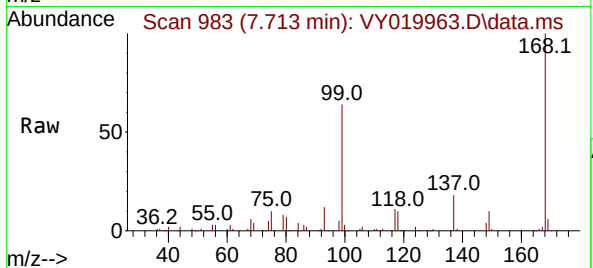
Tgt Ion: 75 Resp: 12992
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



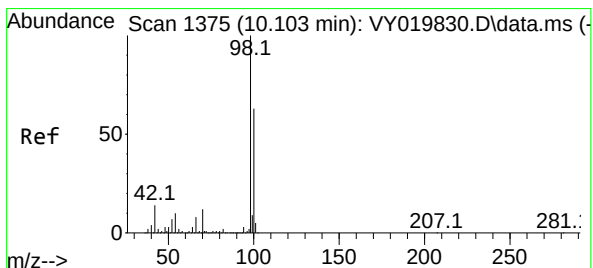
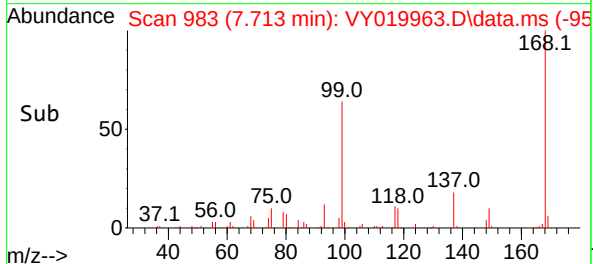
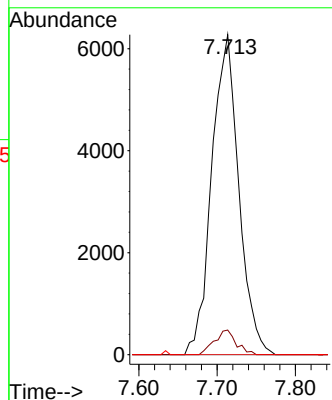


#38
Carbon Tetrachloride
Concen: 5.653 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

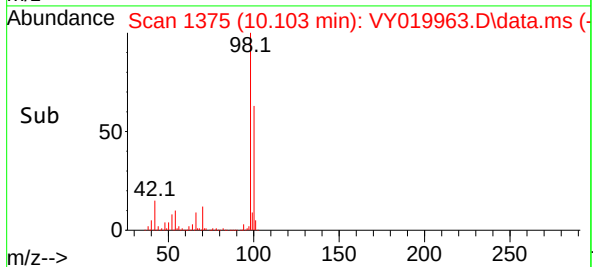
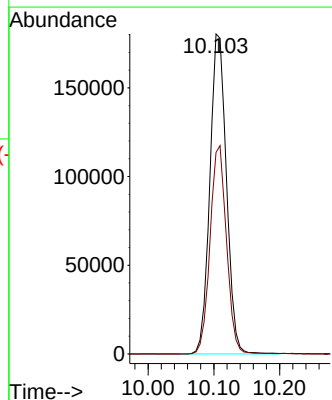
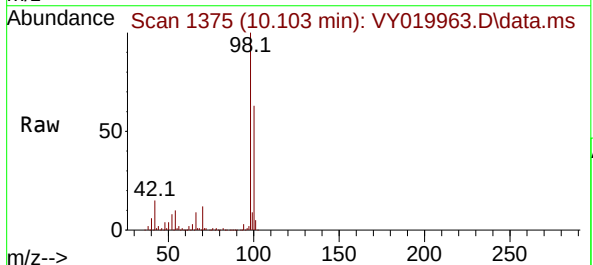


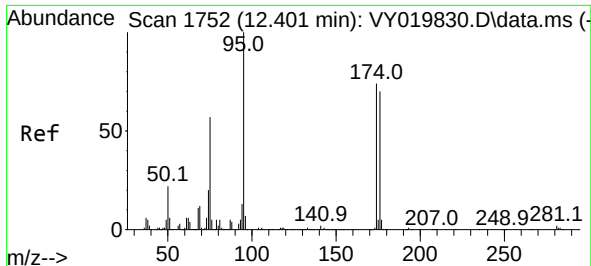
Tgt Ion:117 Resp: 15067
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.621 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Tgt Ion: 98 Resp: 316240
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

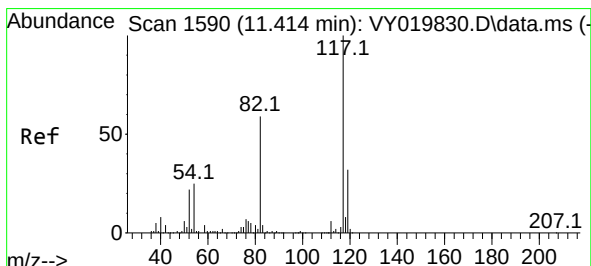
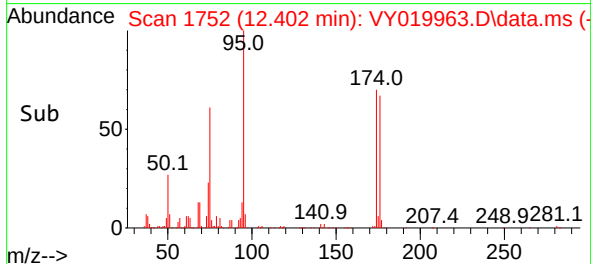
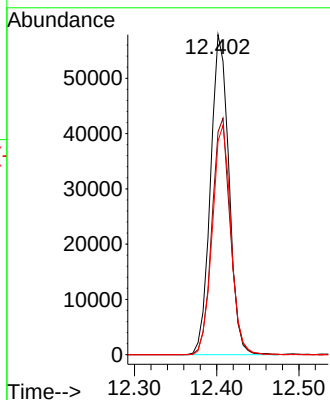
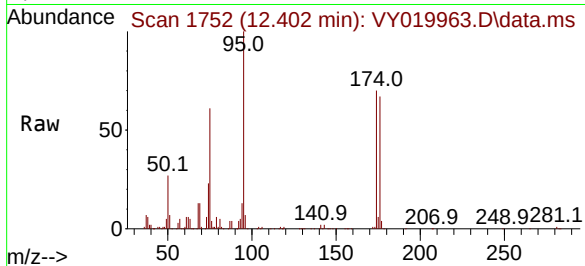




#62
4-Bromofluorobenzene
Concen: 39.157 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

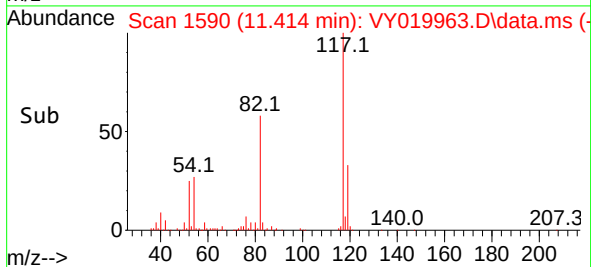
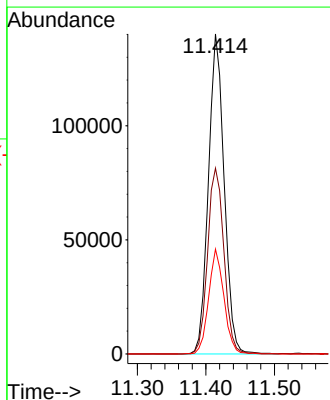
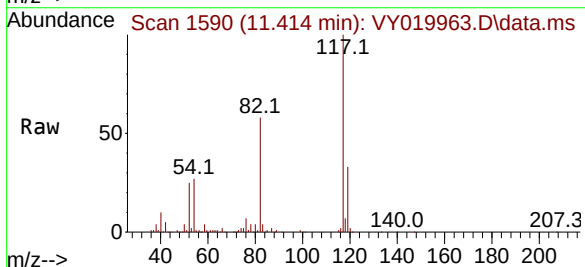
Instrument :
MSVOA_Y
ClientSampleId :

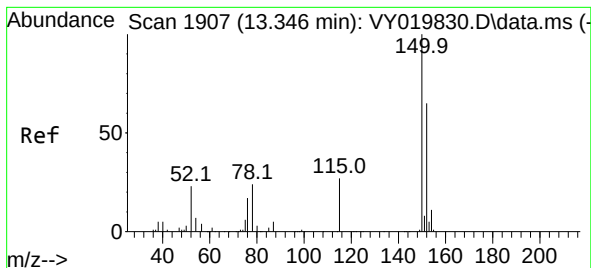
Tgt Ion: 95 Resp: 90172
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

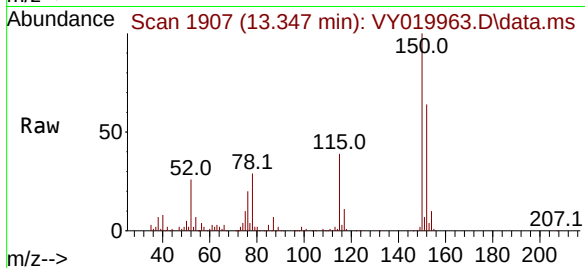
Tgt Ion: 117 Resp: 224525
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.7 25.9 38.9



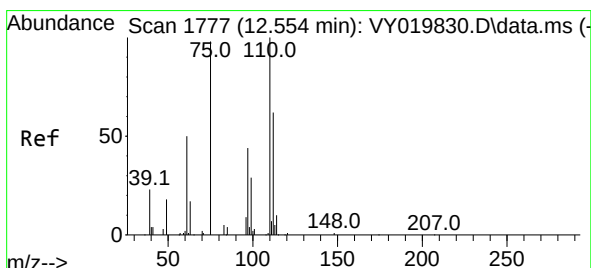
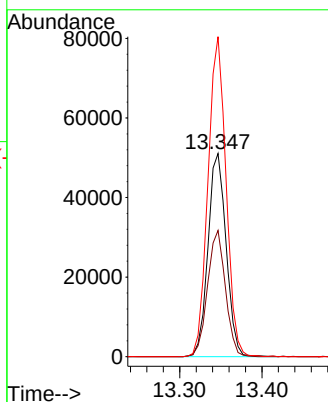
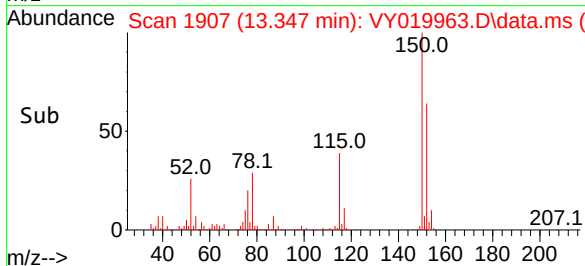


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

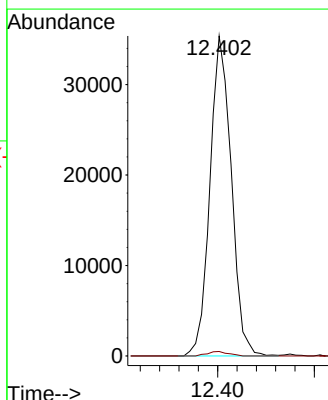
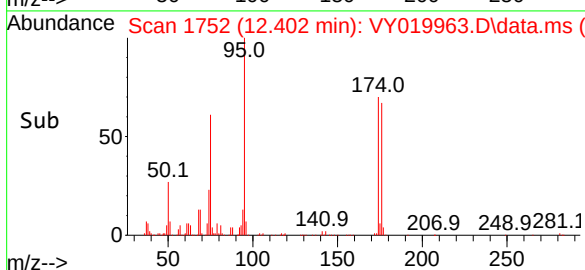
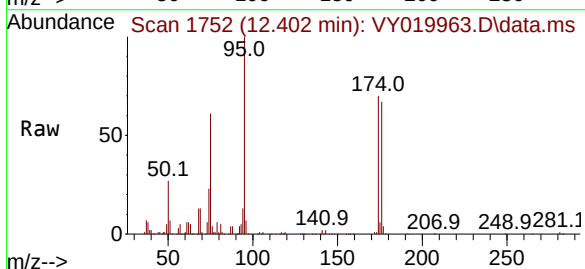


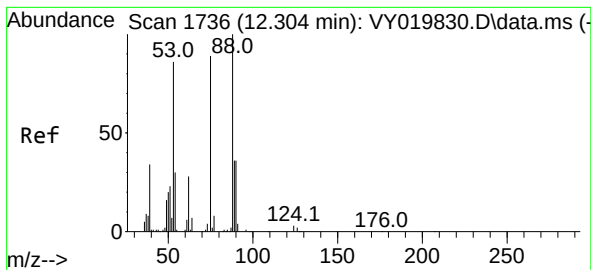
Tgt Ion:152 Resp: 78214
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 156.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 35.344 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

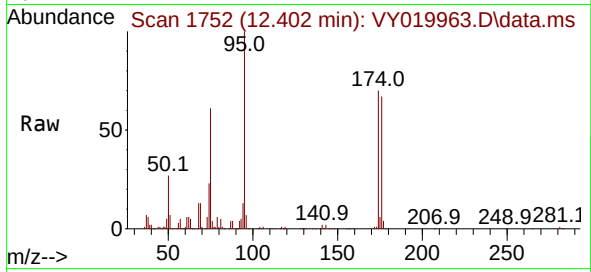
Tgt Ion: 75 Resp: 54154
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 142.661 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019963.D
Acq: 21 Oct 2024 15:21

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#

