

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019959.D
 Acq On : 21 Oct 2024 13:14
 Operator : SY/MD
 Sample : P4443-07
 Misc : 3.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:31:14 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

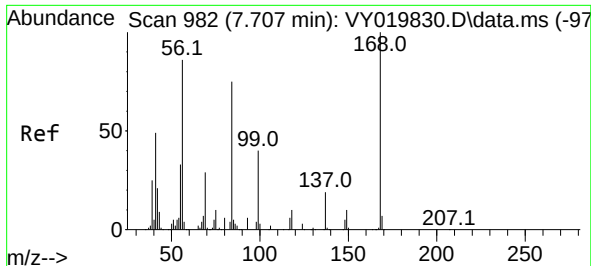
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	218323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	458749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	404965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159839	59.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.634	113	151342	49.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.103	98	561846	50.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.401	95	163689	40.523	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	355	Below Cal	#	68
31) Cyclohexane	7.707	56	6546	1.457	ug/l #	43
36) 1,1-Dichloropropene	7.713	75	21618	4.957	ug/l #	47
38) Carbon Tetrachloride	7.713	117	25276	5.406	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	95625	36.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	95625	148.763	ug/l #	16

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

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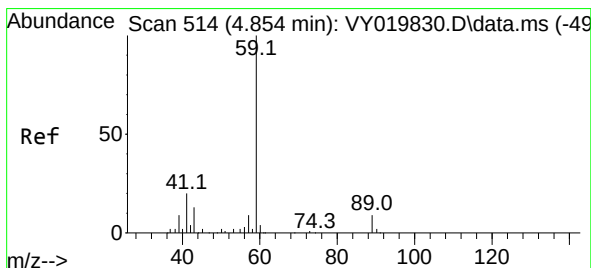
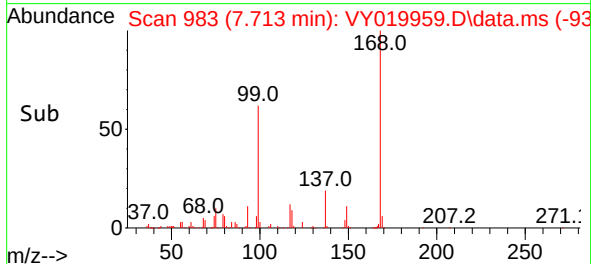
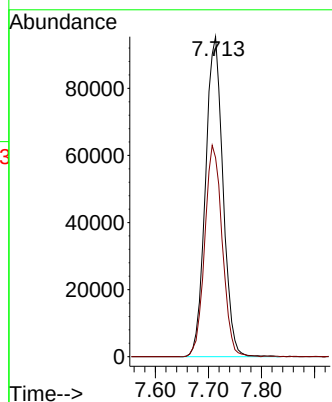
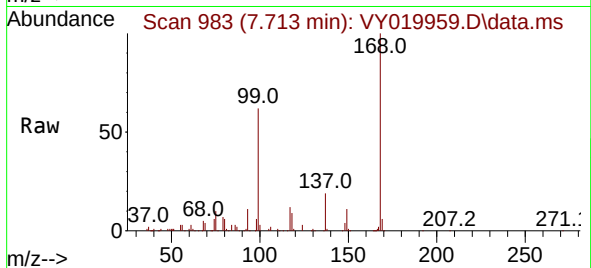




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

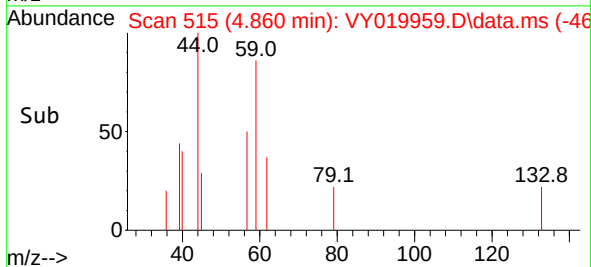
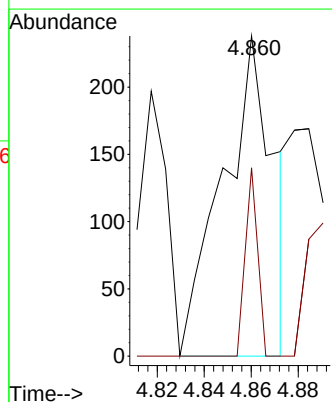
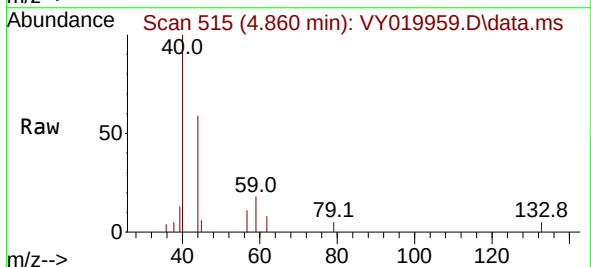
Instrument :
MSVOA_Y
ClientSampleId :

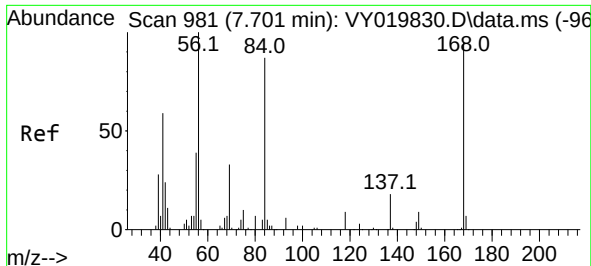
Tgt Ion:168 Resp: 218323
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

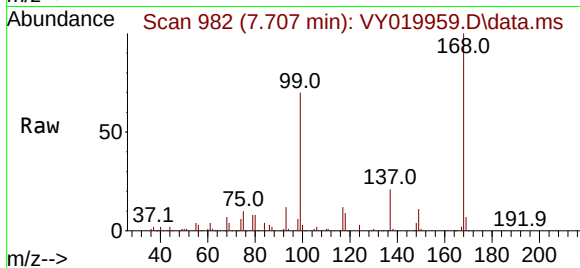
Tgt Ion: 59 Resp: 355
Ion Ratio Lower Upper
59 100
57 14.4 3.0 4.6#



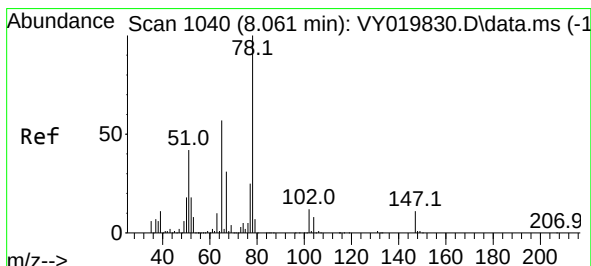
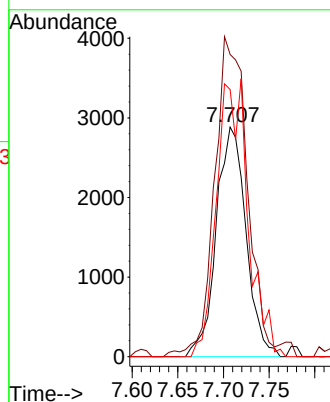
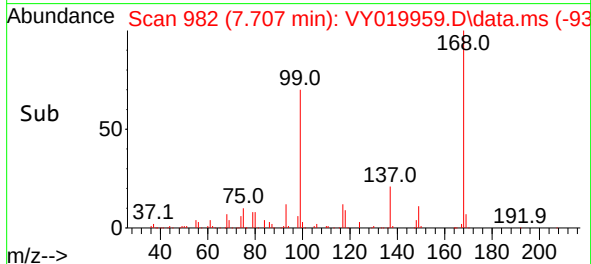


#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

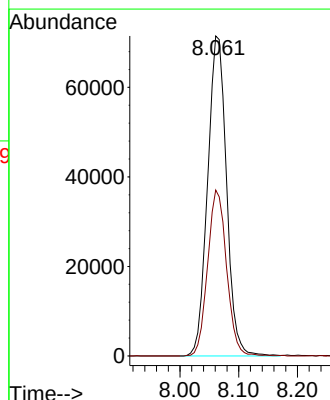
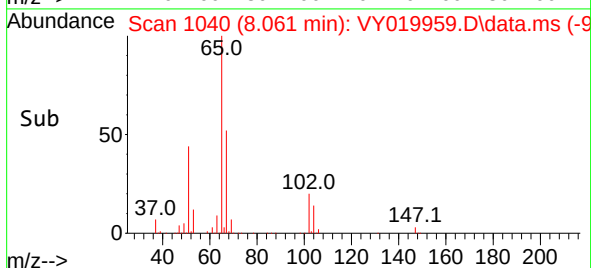
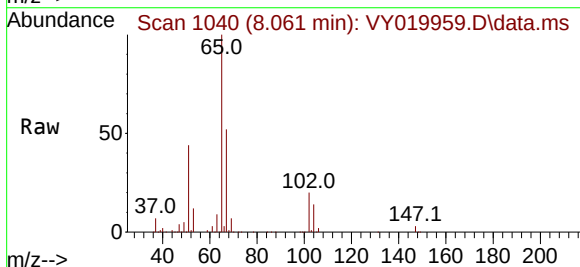


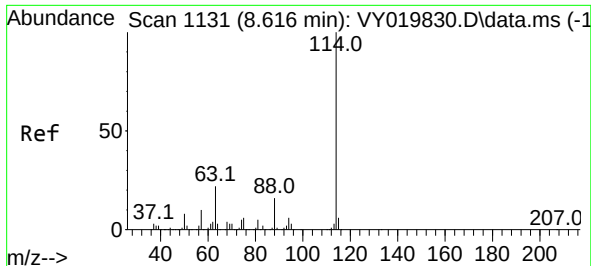
Tgt Ion: 56 Resp: 6546
Ion Ratio Lower Upper
56 100
69 129.5 28.7 43.1#
84 116.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 59.459 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

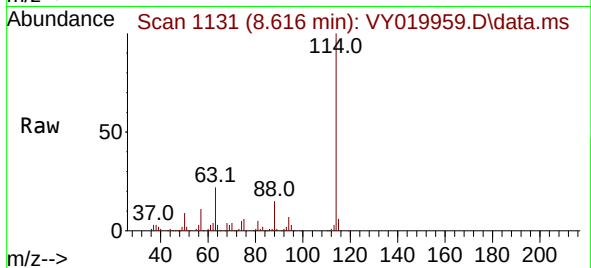
Tgt Ion: 65 Resp: 159839
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6



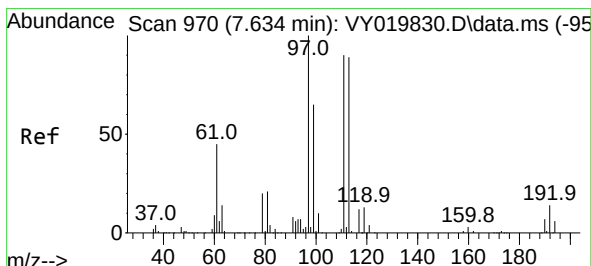
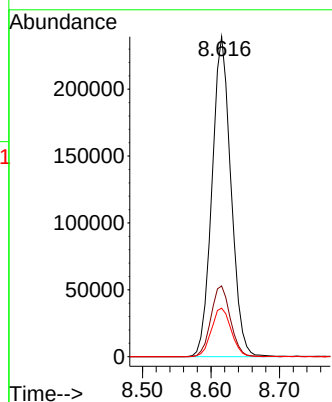
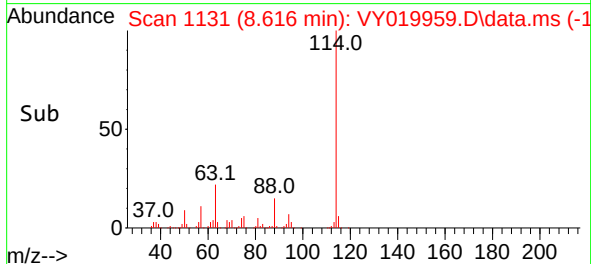


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

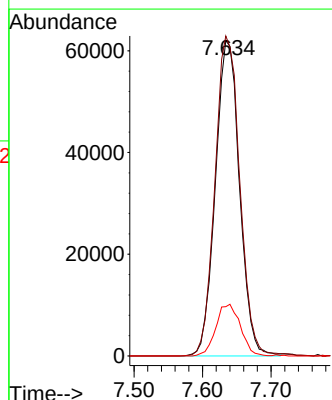
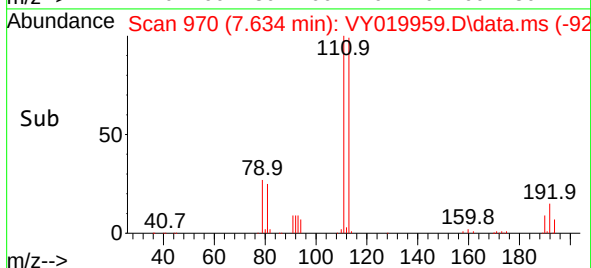
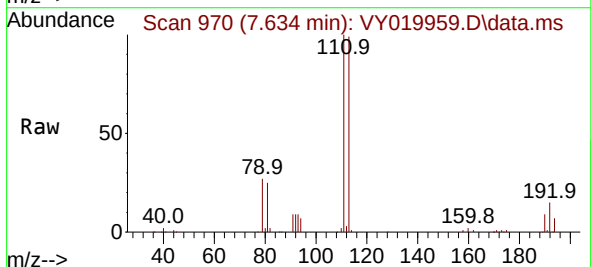


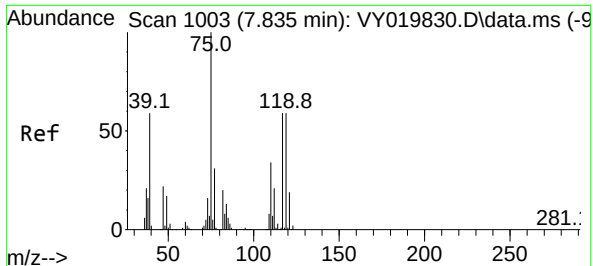
Tgt Ion:114 Resp: 458749
Ion Ratio Lower Upper
114 100
63 22.1 0.0 35.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.993 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Tgt Ion:113 Resp: 151342
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 16.7 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.957 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

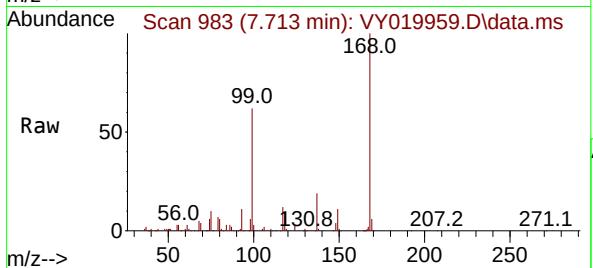
Lab File: VY019959.D

Acq: 21 Oct 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :



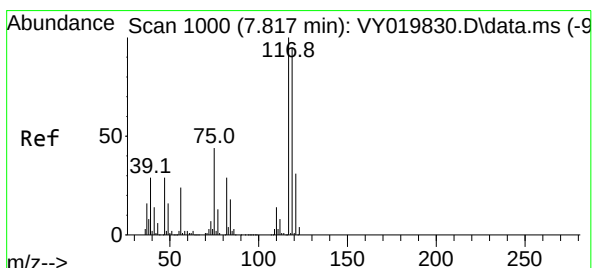
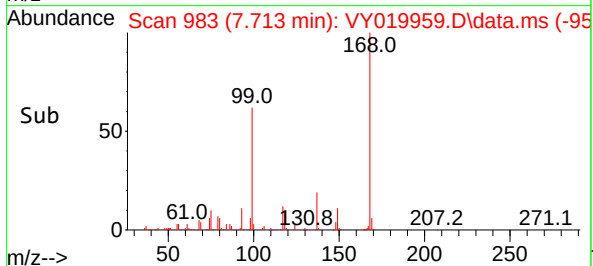
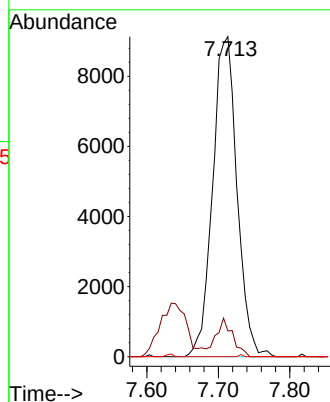
Tgt Ion: 75 Resp: 21618

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.406 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019959.D

Acq: 21 Oct 2024 13:14

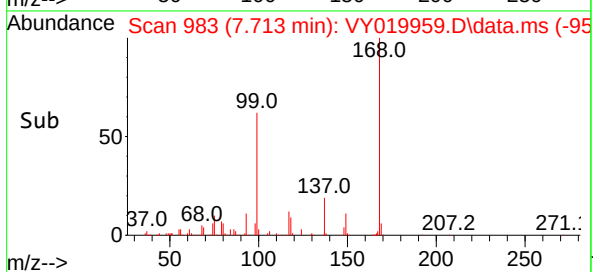
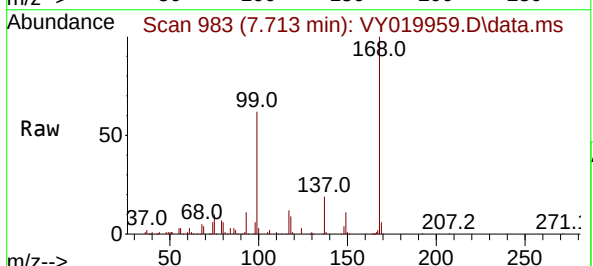
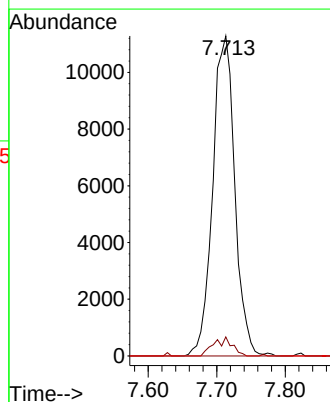
Tgt Ion: 117 Resp: 25276

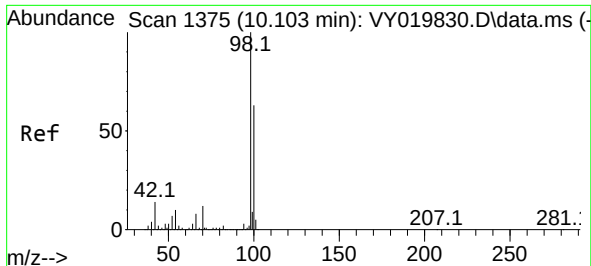
Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

121 0.0 24.0 36.0#

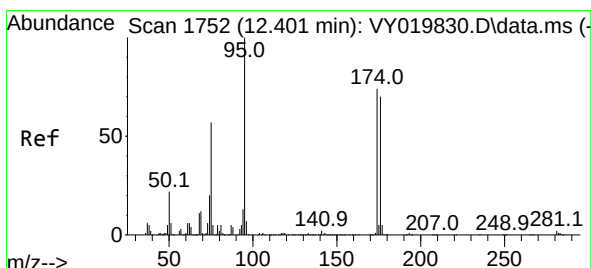
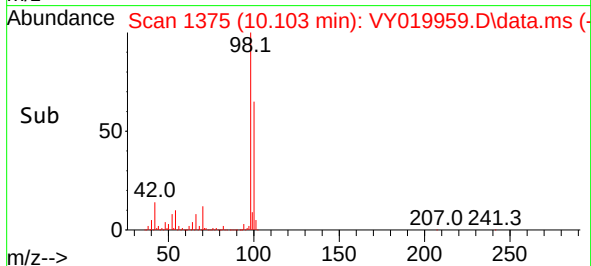
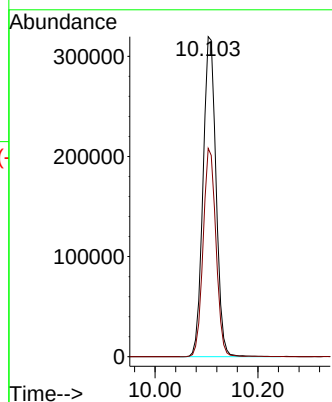
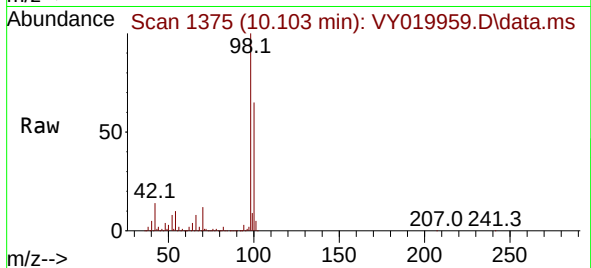




#50
Toluene-d8
Concen: 50.258 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

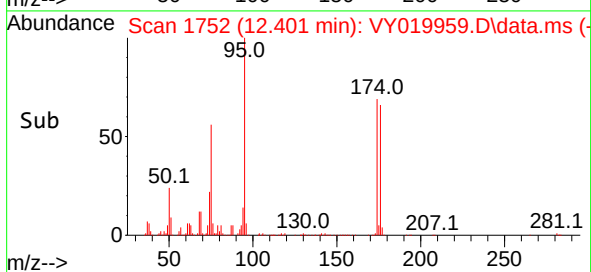
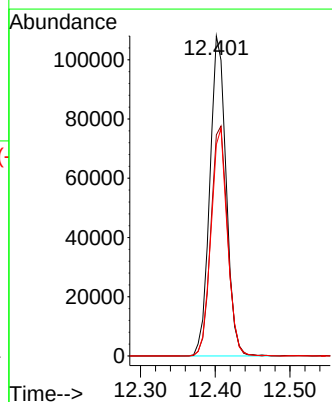
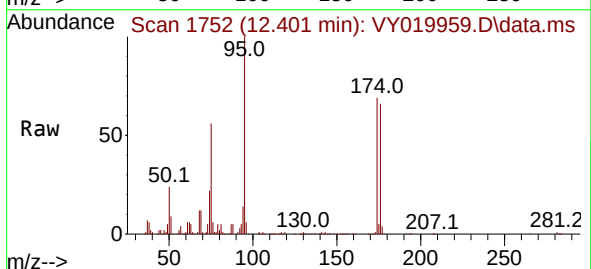
Instrument :
MSVOA_Y
ClientSampleId :

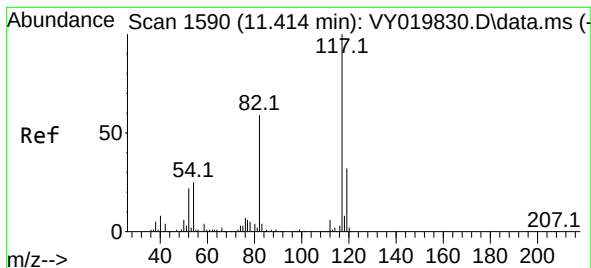
Tgt Ion: 98 Resp: 561846
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.523 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Tgt Ion: 95 Resp: 163689
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019959.D

Acq: 21 Oct 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

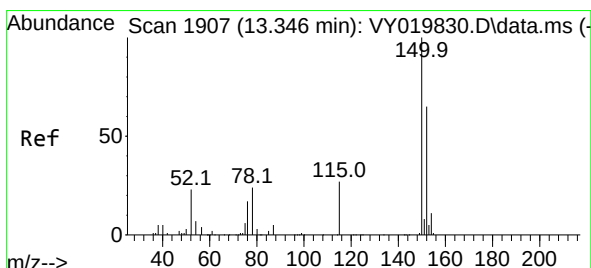
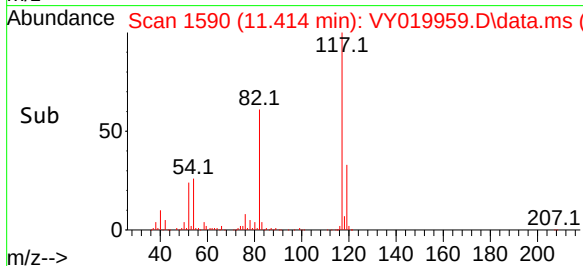
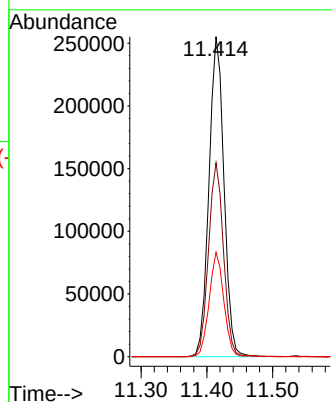
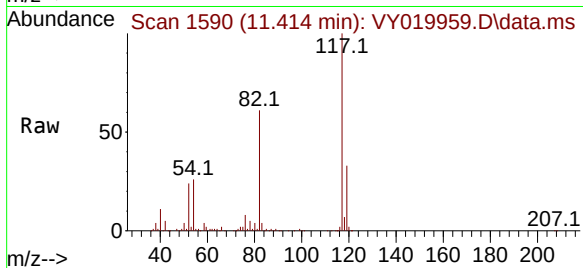
Tgt Ion:117 Resp: 404965

Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 32.6 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: VY019959.D

Acq: 21 Oct 2024 13:14

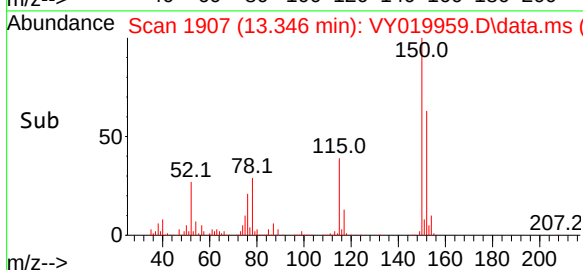
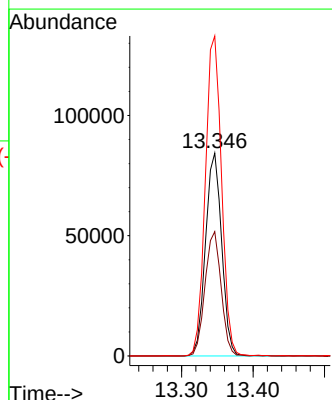
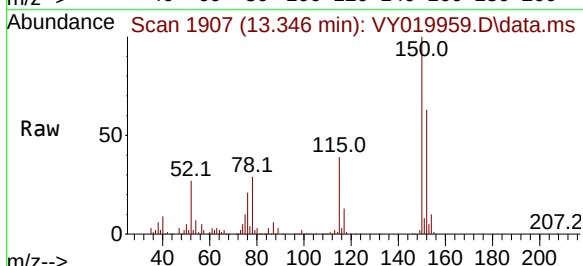
Tgt Ion:152 Resp: 132445

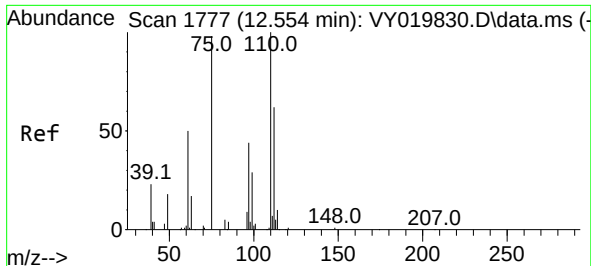
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 157.9 0.0 345.6

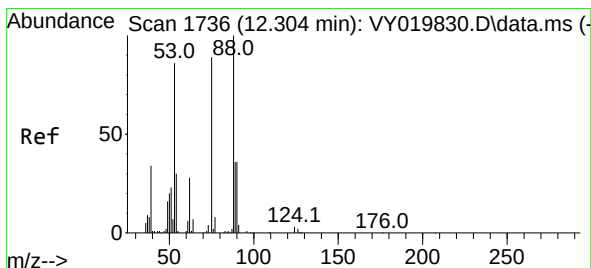
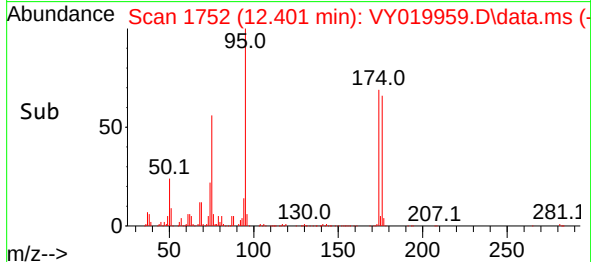
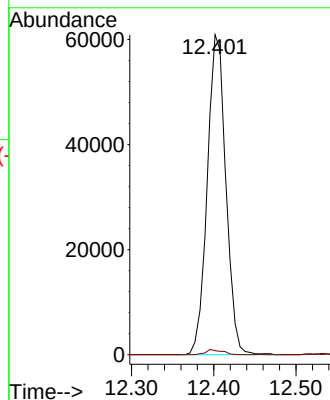
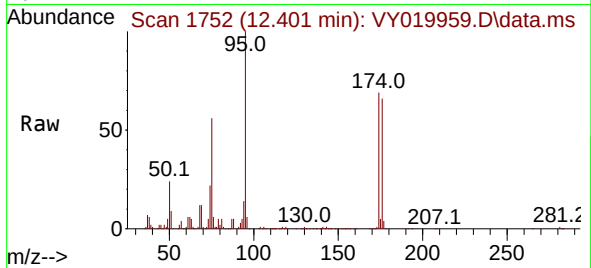




#76
1,2,3-Trichloropropane
Concen: 36.856 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 95625
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.763 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019959.D
Acq: 21 Oct 2024 13:14

Tgt Ion: 75 Resp: 95625
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

