

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020104.D
 Acq On : 31 Oct 2024 18:56
 Operator : SY/MD
 Sample : P4594-15
 Misc : 4.85g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:52:03 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)

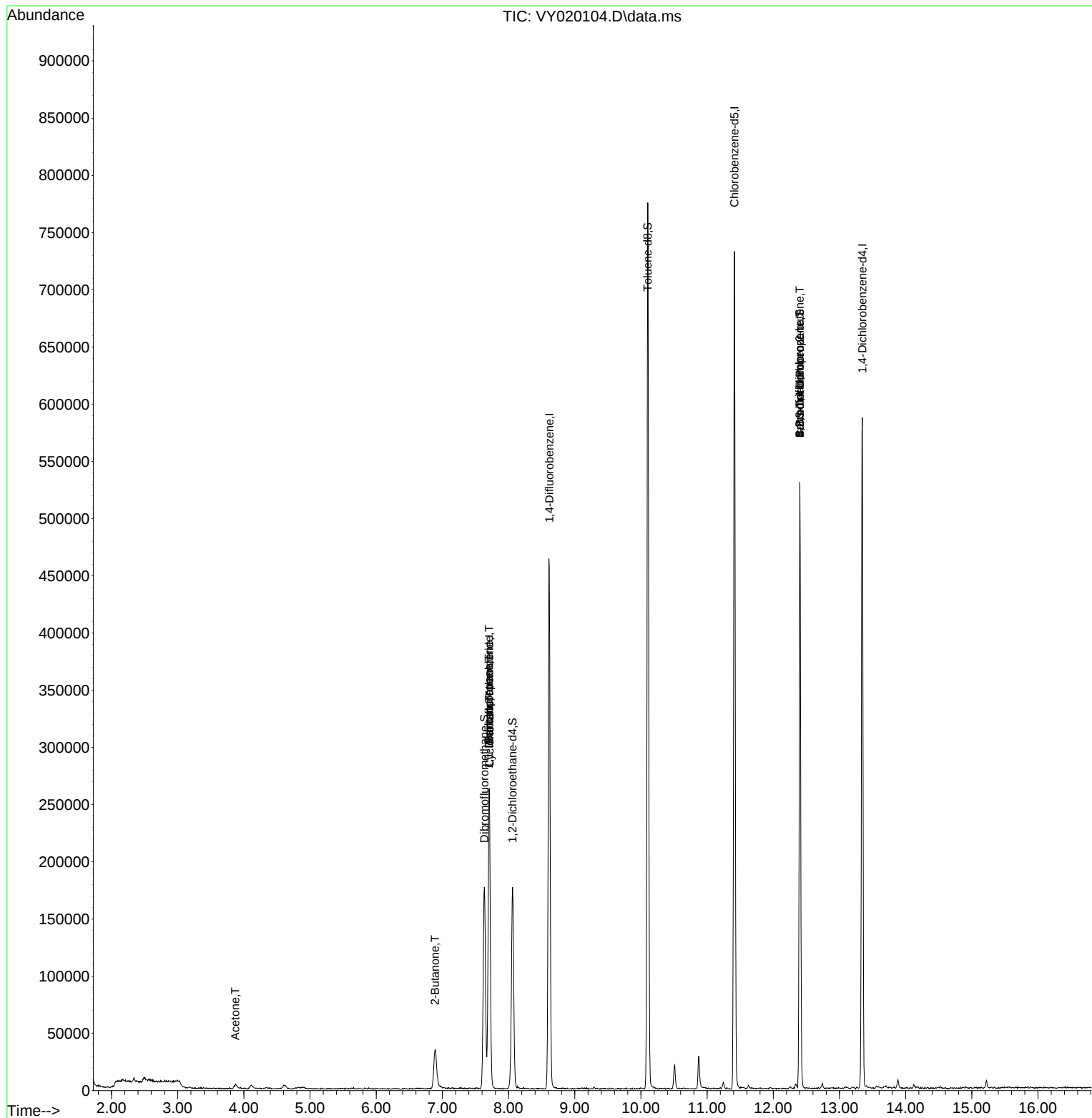
Internal Standards						
1) Pentafluorobenzene	7.707	168	177773	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	372847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	352088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	131934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135212	60.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.880%	
35) Dibromofluoromethane	7.634	113	124656	52.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.180%	
50) Toluene-d8	10.103	98	468129	49.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.401	95	148232	48.364	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	6621	12.832	ug/l	# 80
25) 2-Butanone	6.890	43	3161	4.519	ug/l	# 62
31) Cyclohexane	7.713	56	5829	1.448	ug/l	# 58
36) 1,1-Dichloropropene	7.701	75	18859	5.150	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19692	5.348	ug/l	# 16
71) Bromoform	12.401	173	1476	1.200	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	88153	71.278	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	88153	153.317	ug/l	# 16

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

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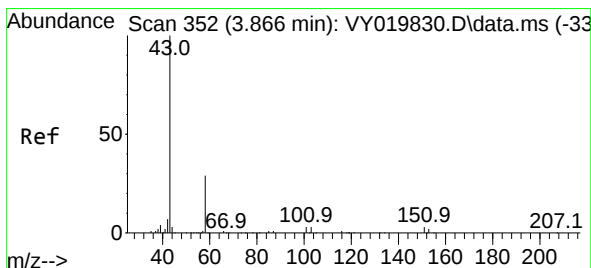
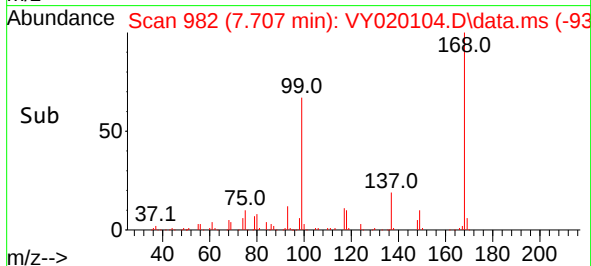
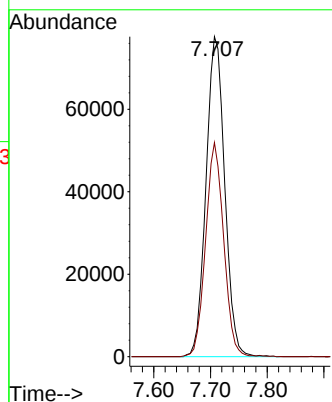
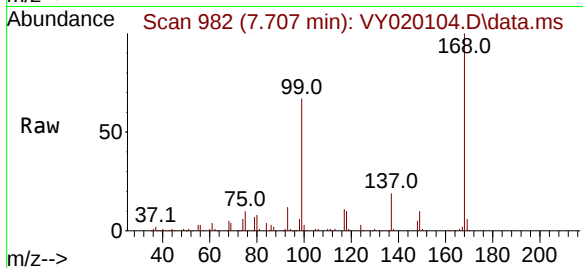




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

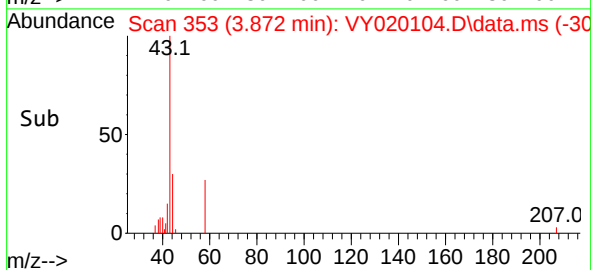
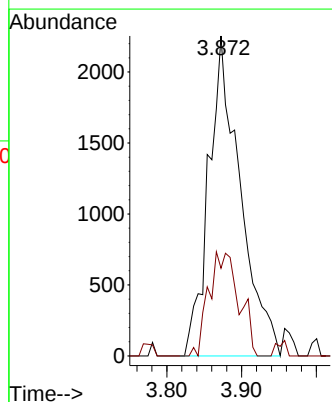
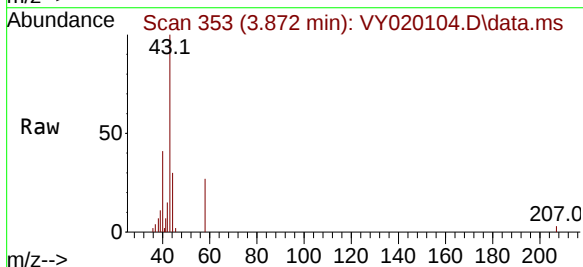
Instrument :
MSVOA_Y
ClientSampleId :

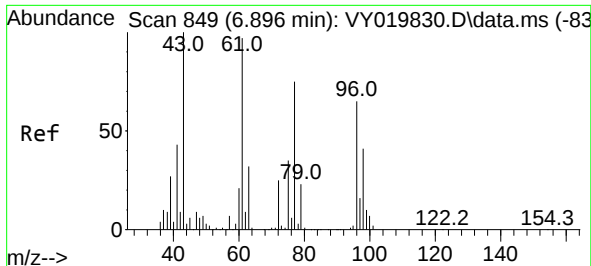
Tgt Ion:168 Resp: 177773
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#16
Acetone
Concen: 12.832 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 43 Resp: 6621
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#





#25

2-Butanone

Concen: 4.519 ug/l

RT: 6.890 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

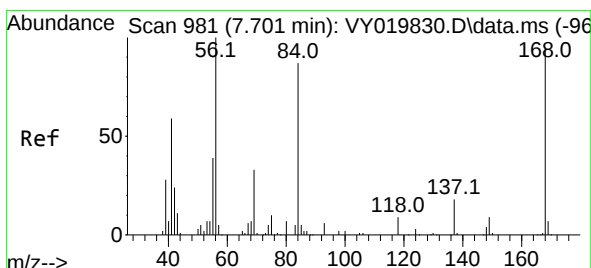
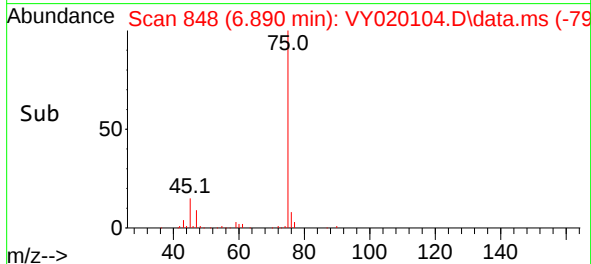
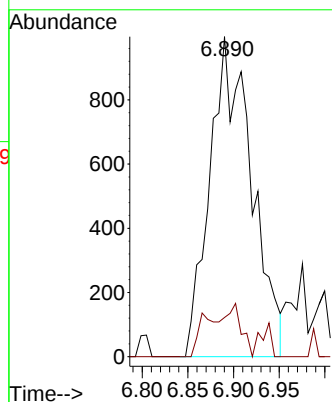
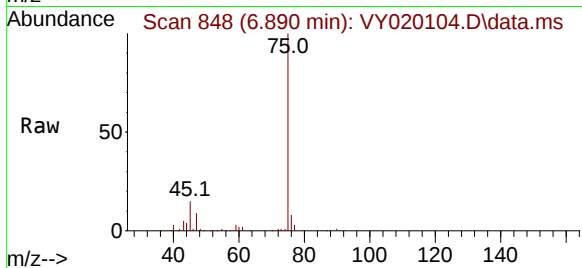
ClientSampleId :

Tgt Ion: 43 Resp: 3161

Ion Ratio Lower Upper

43 100

72 12.2 27.3 40.9#



#31

Cyclohexane

Concen: 1.448 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

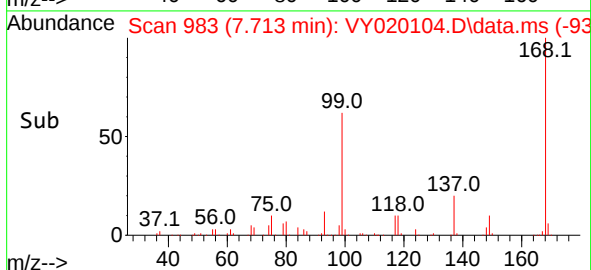
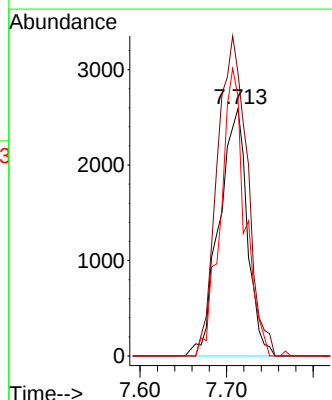
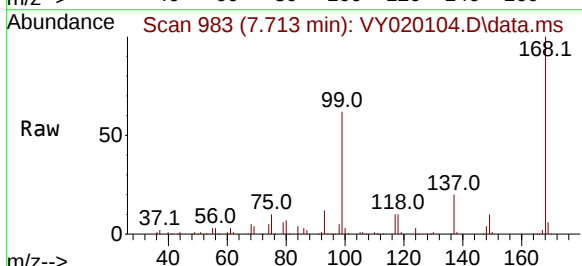
Tgt Ion: 56 Resp: 5829

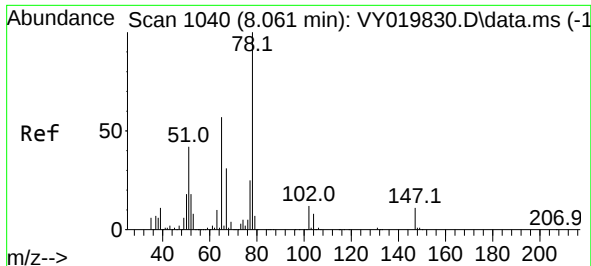
Ion Ratio Lower Upper

56 100

69 114.8 28.7 43.1#

84 105.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 60.941 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

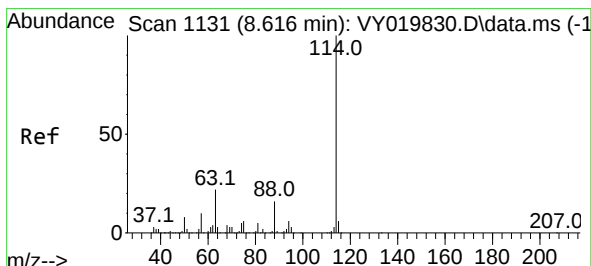
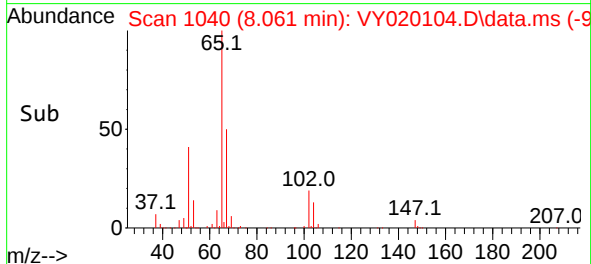
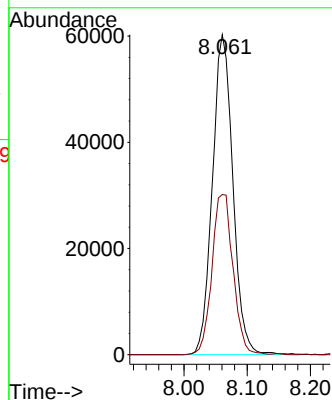
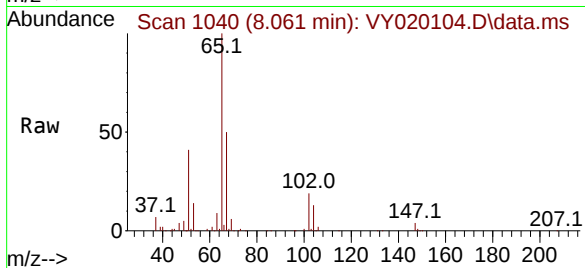
ClientSampleId :

Tgt Ion: 65 Resp: 135212

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

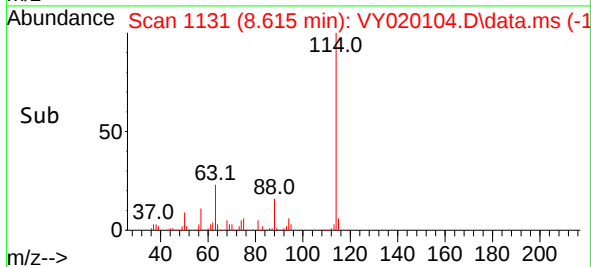
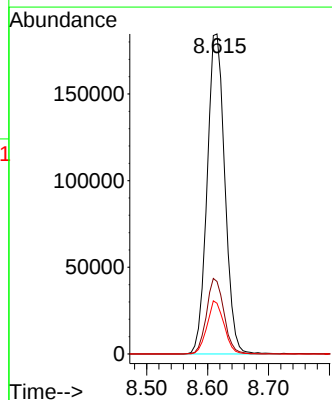
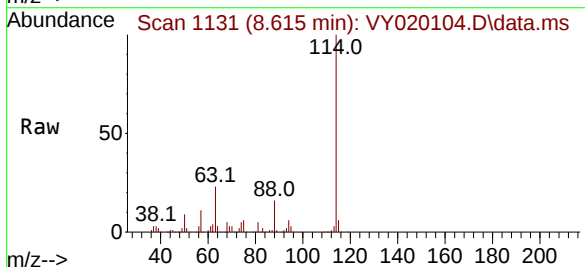
Tgt Ion: 114 Resp: 372847

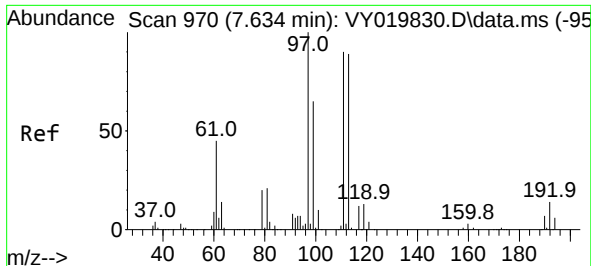
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.9 0.0 27.2

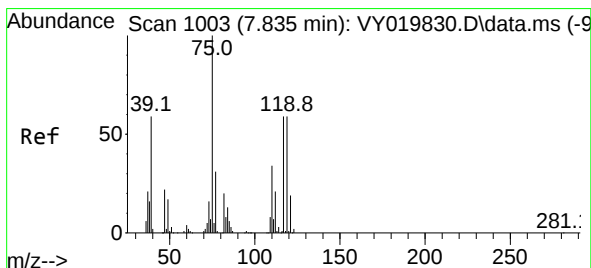
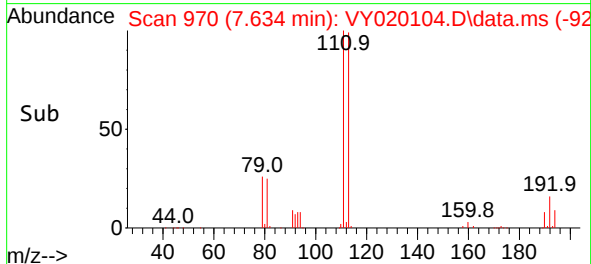
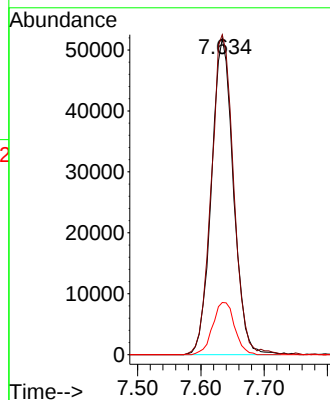
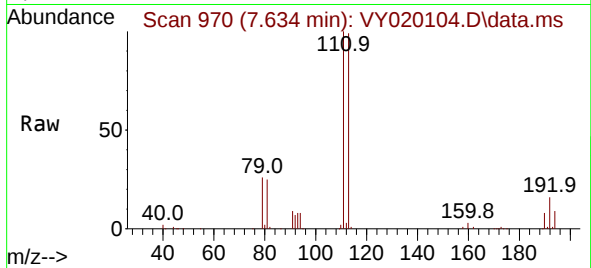




#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

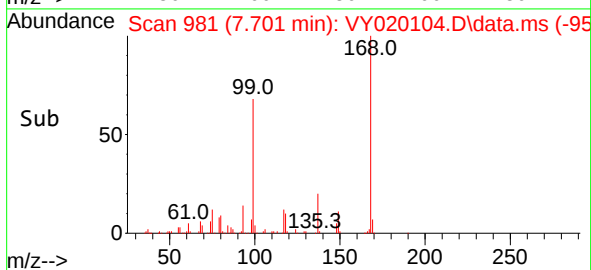
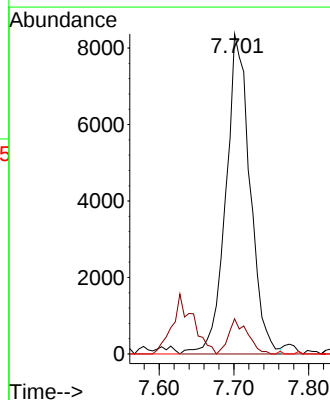
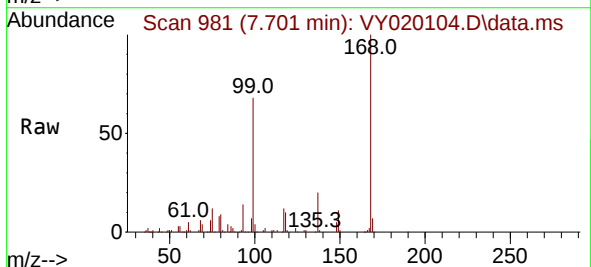
Instrument :
MSVOA_Y
ClientSampleId :

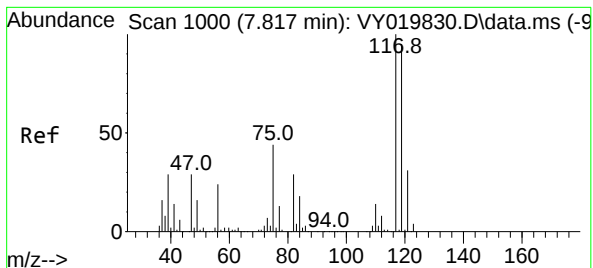
Tgt Ion:113 Resp: 124656
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.150 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 75 Resp: 18859
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.348 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

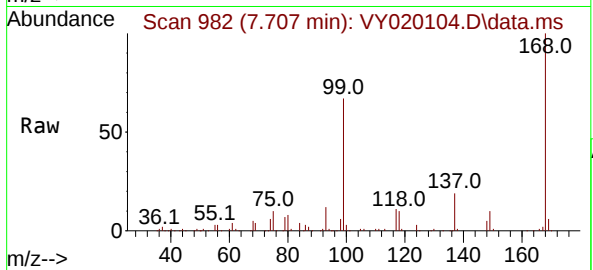
Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :



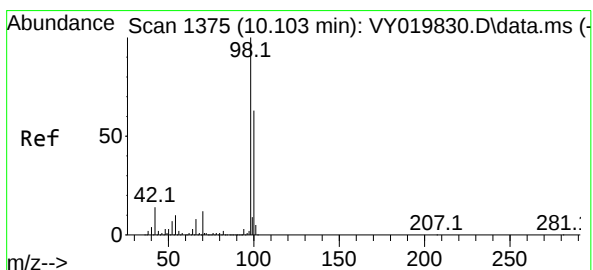
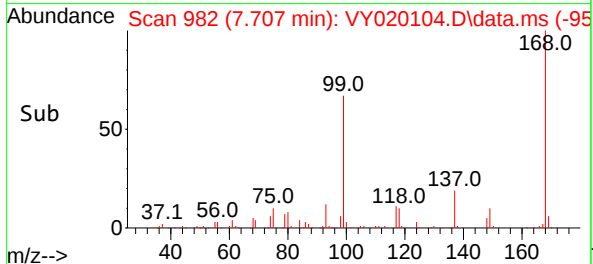
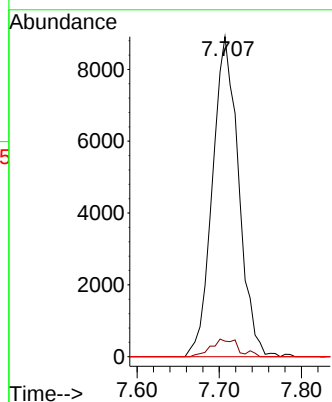
Tgt Ion:117 Resp: 19692

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.611 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020104.D

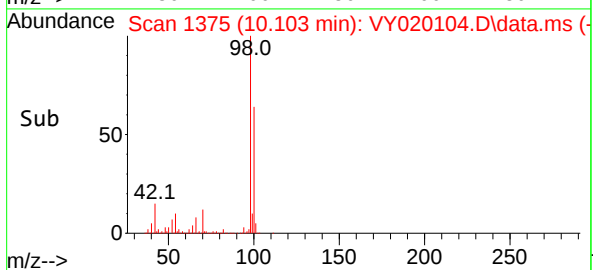
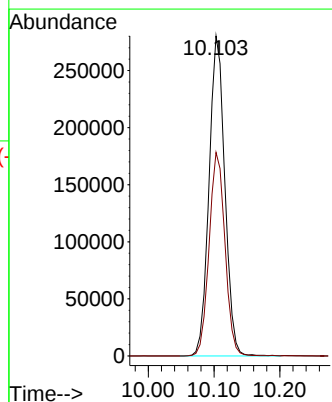
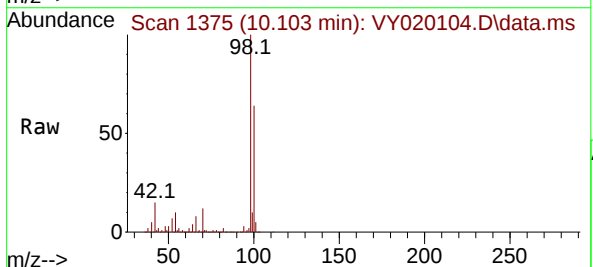
Acq: 31 Oct 2024 18:56

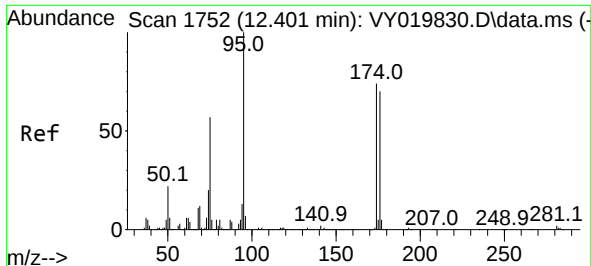
Tgt Ion: 98 Resp: 468129

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

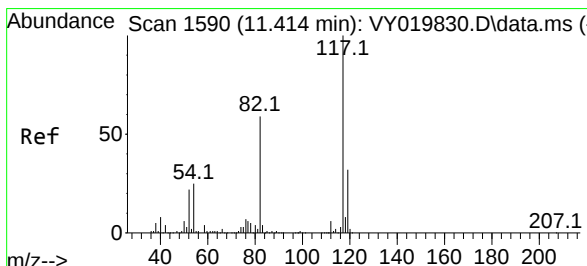
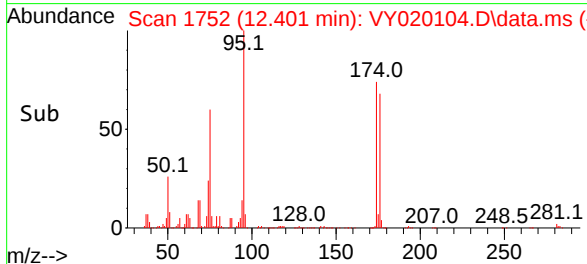
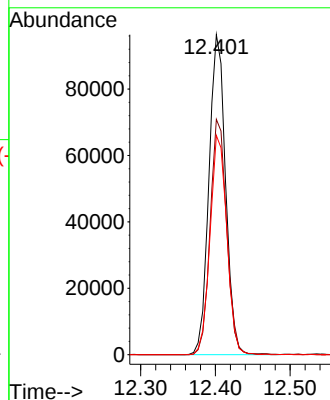
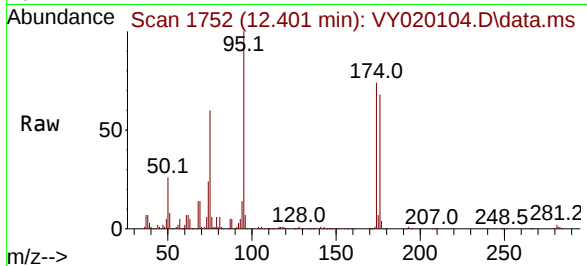




#62
4-Bromofluorobenzene
Concen: 48.364 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

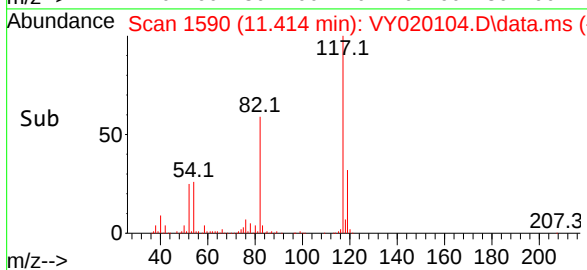
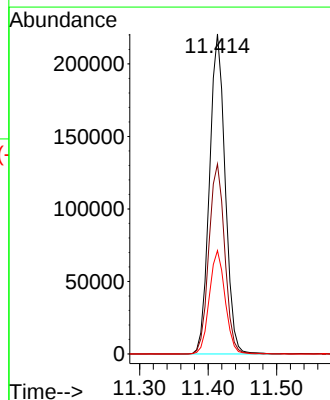
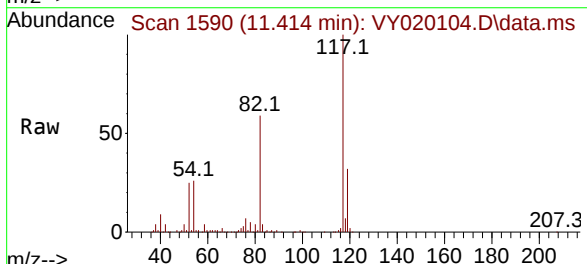
Instrument :
MSVOA_Y
ClientSampleId :

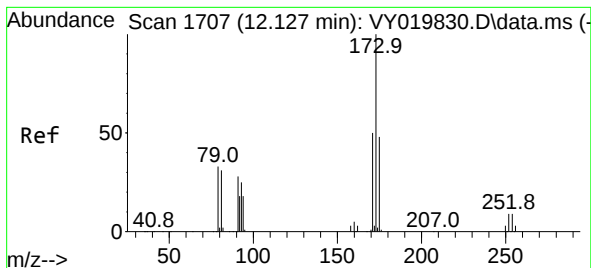
Tgt Ion: 95 Resp: 148232
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 69.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 117 Resp: 352088
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.3 25.9 38.9





#71

Bromoform

Concen: 1.200 ug/l

RT: 12.401 min Scan# 11

Delta R.T. 0.268 min

Lab File: VY020104.D

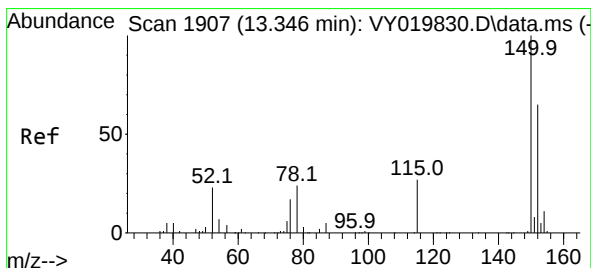
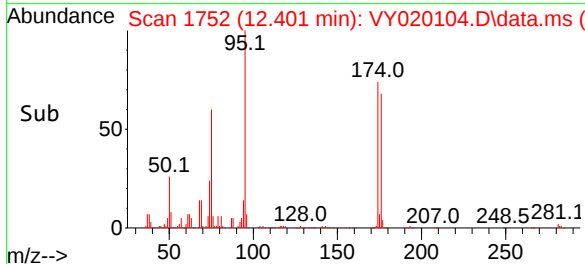
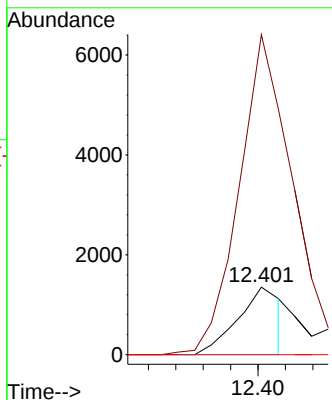
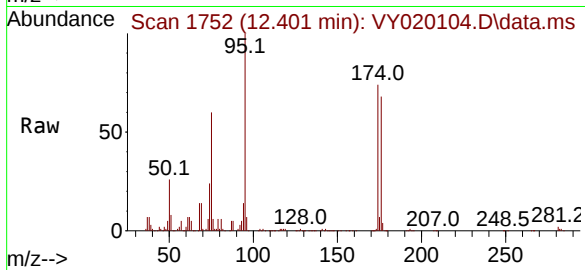
Acq: 31 Oct 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	1476
Ion Ratio	Lower	Upper
173	100	
175	449.4	25.1 75.3#
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

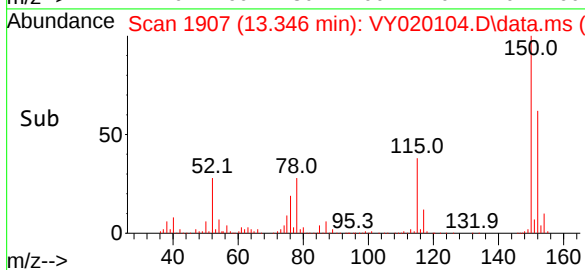
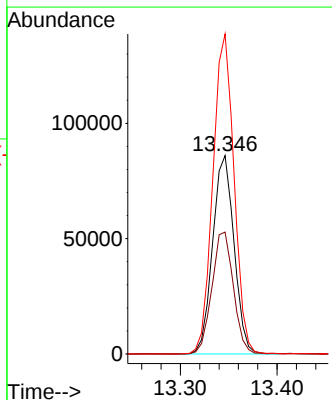
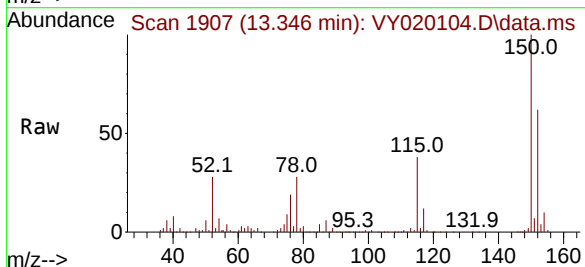
RT: 13.346 min Scan# 1907

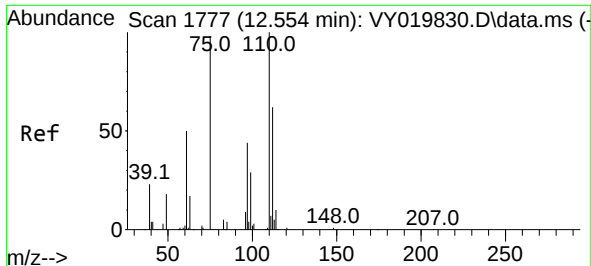
Delta R.T. 0.000 min

Lab File: VY020104.D

Acq: 31 Oct 2024 18:56

Tgt Ion:152	Resp:	131934
Ion Ratio	Lower	Upper
152	100	
115	61.9	28.2 84.7
150	159.2	0.0 345.6

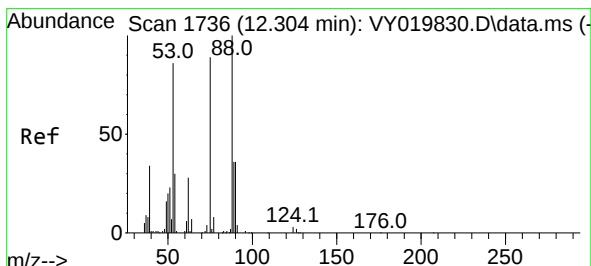
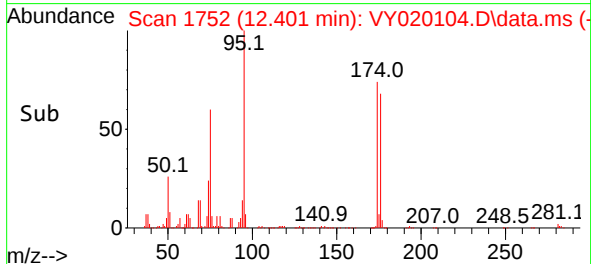
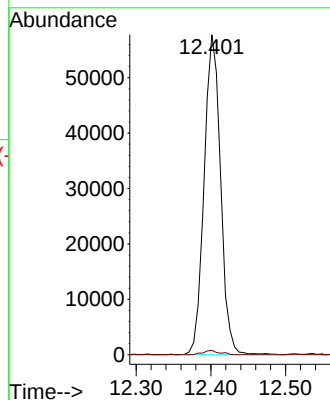
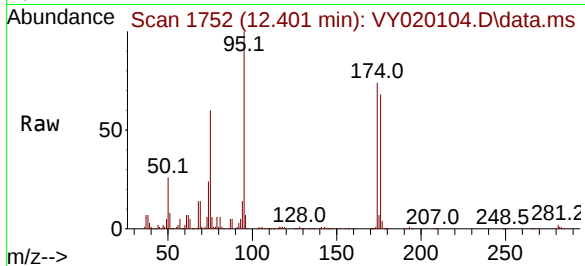




#76
1,2,3-Trichloropropane
Concen: 71.278 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 88153
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.317 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020104.D
Acq: 31 Oct 2024 18:56

Tgt Ion: 75 Resp: 88153
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

