

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020417.D
 Acq On : 22 Nov 2024 16:47
 Operator : SY/MD
 Sample : P4960-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:03:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

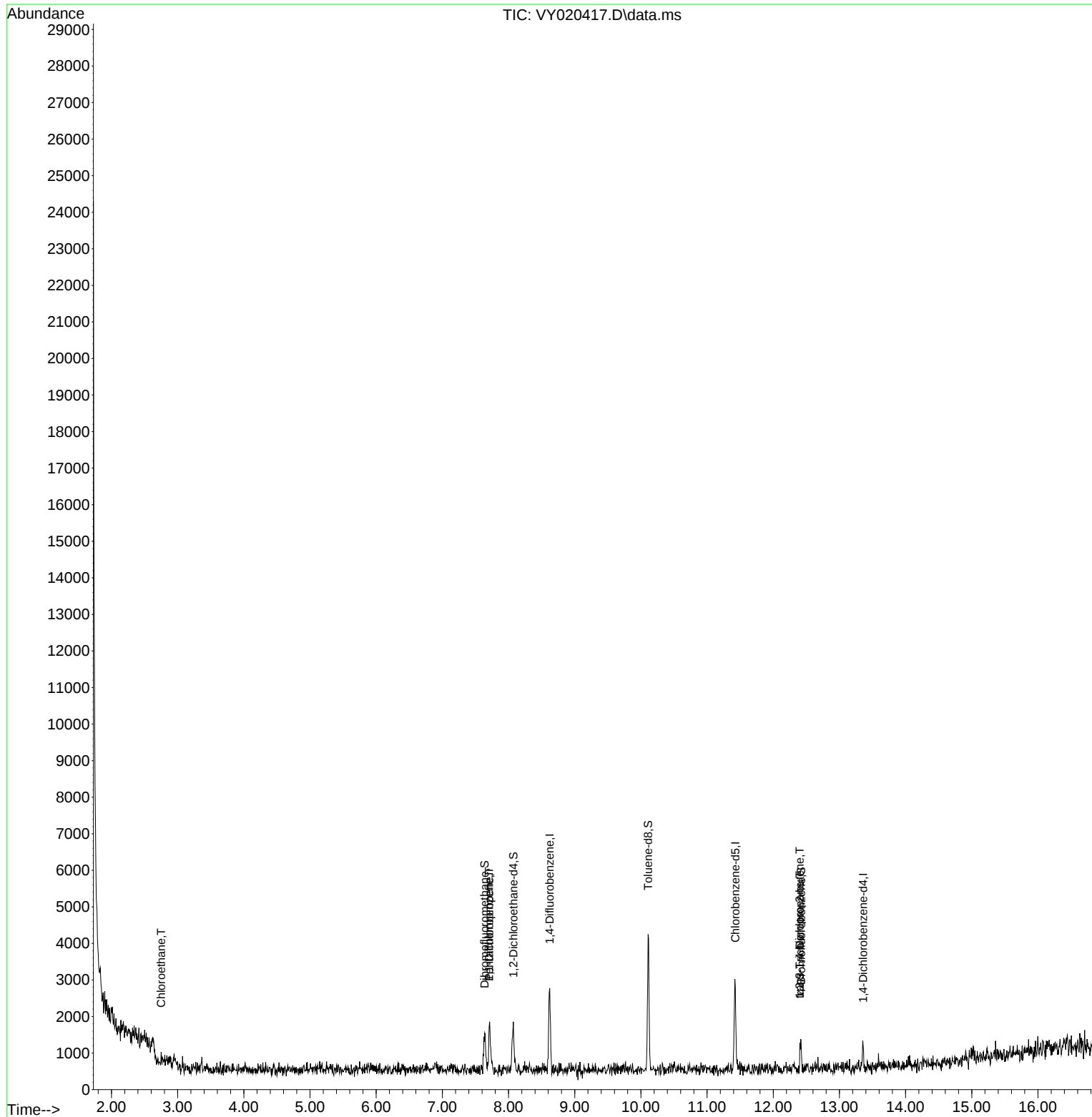
Internal Standards						
1) Pentafluorobenzene	7.707	168	1341	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	2519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1661	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	335	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1398	90.741	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.480%#
35) Dibromofluoromethane	7.640	113	865	53.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.100%
50) Toluene-d8	10.109	98	2871	45.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.240%
62) 4-Bromofluorobenzene	12.420	95	263	12.858	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	=	25.720%#
Target Compounds						
						Qvalue
6) Chloroethane	2.751	64	239	22.943	ug/l	# 43
36) 1,1-Dichloropropene	7.707	75	54	2.189	ug/l	# 43
76) 1,2,3-Trichloropropane	12.401	75	195	61.758	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	195	121.012	ug/l	# 9

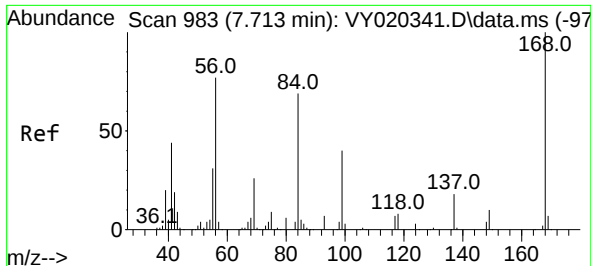
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :

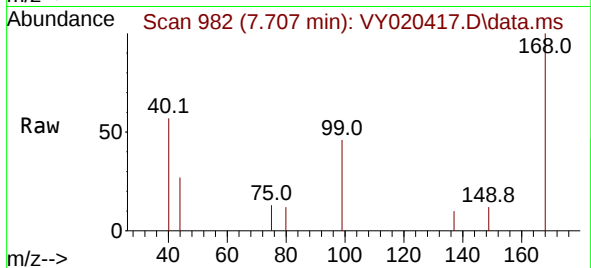
Quant Time: Nov 23 00:03:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
Response via : Initial Calibration



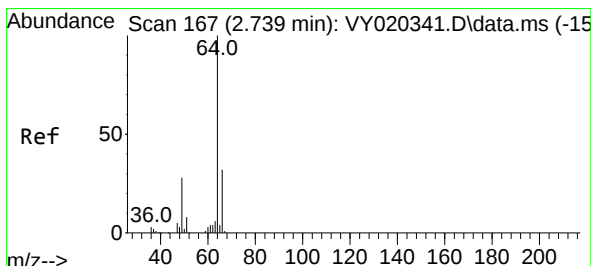
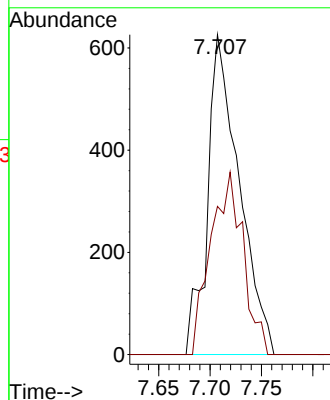
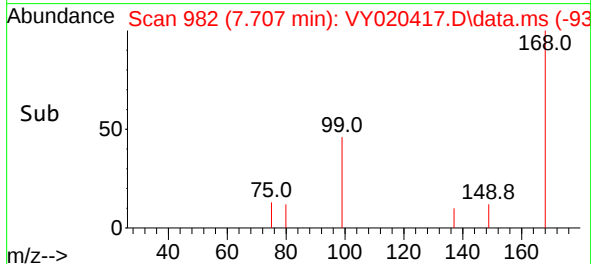


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :

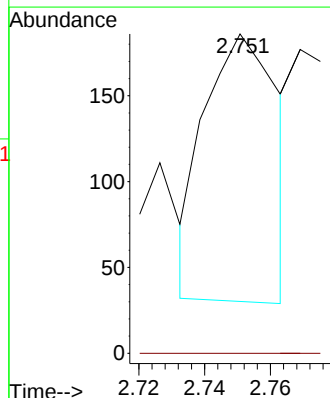
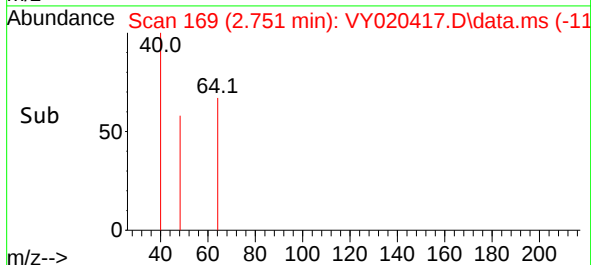
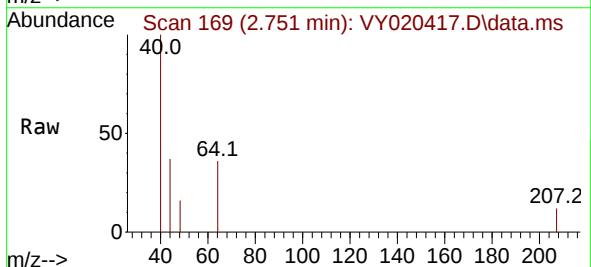


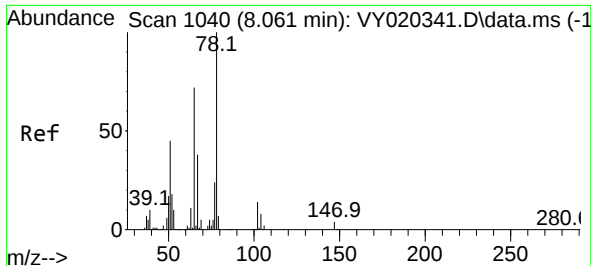
Tgt Ion:168 Resp: 1341
Ion Ratio Lower Upper
168 100
99 46.3 46.6 69.8#



#6
Chloroethane
Concen: 22.943 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 90.741 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

Instrument :

MSVOA_Y

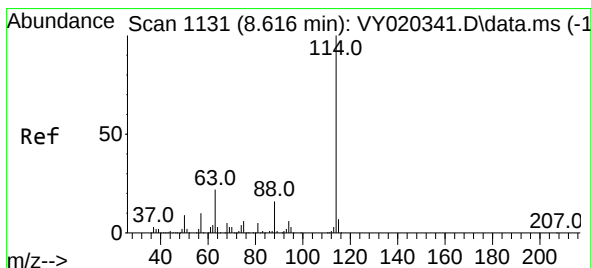
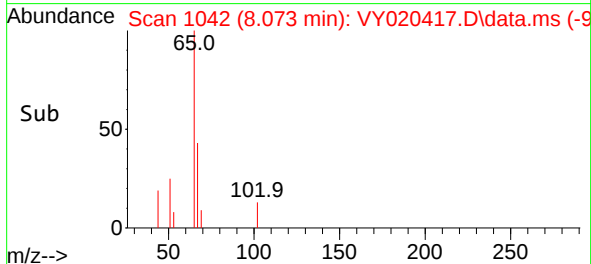
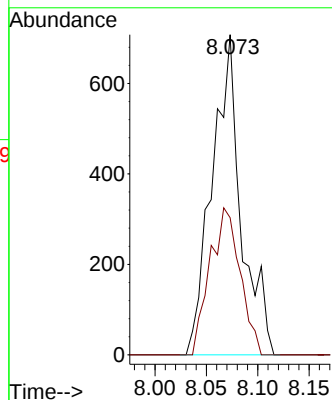
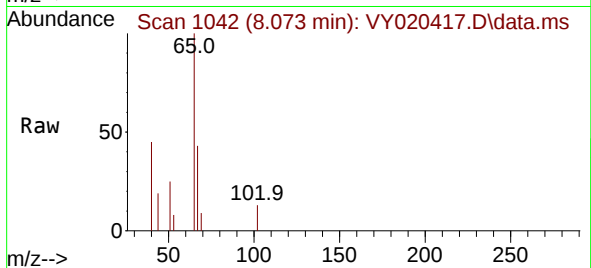
ClientSampleId :

Tgt Ion: 65 Resp: 1398

Ion Ratio Lower Upper

65 100

67 47.4 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

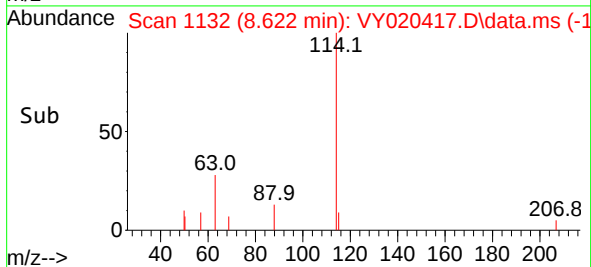
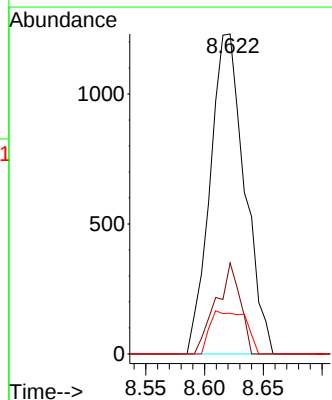
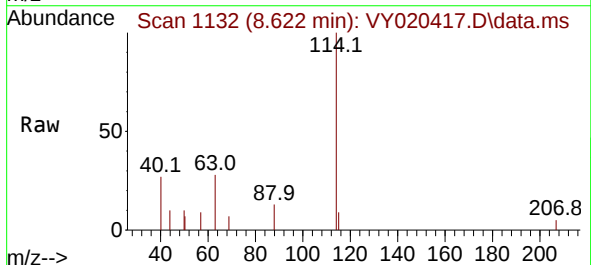
Tgt Ion: 114 Resp: 2519

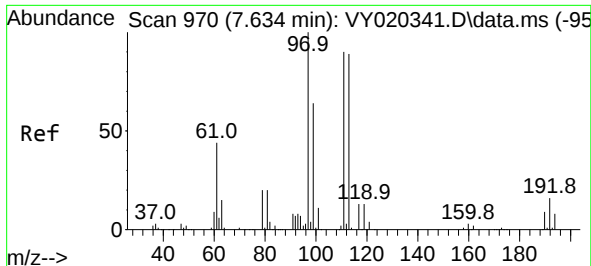
Ion Ratio Lower Upper

114 100

63 28.4 0.0 44.8

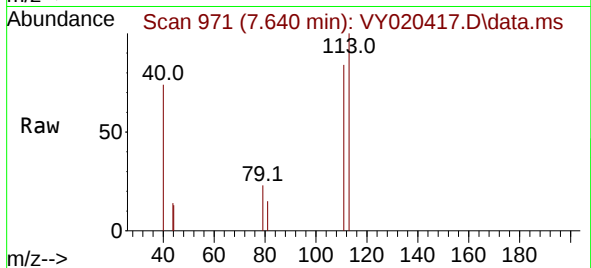
88 12.8 0.0 32.0



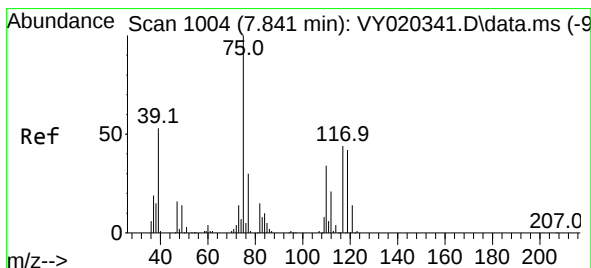
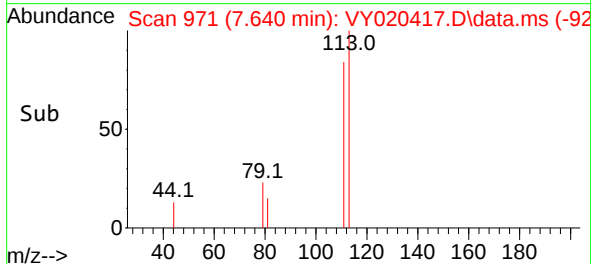
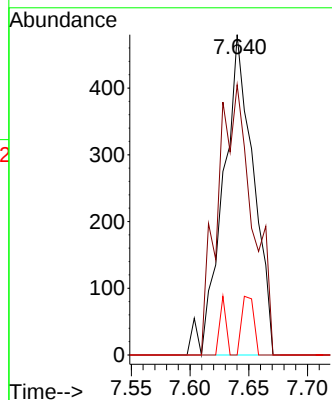


#35
Dibromofluoromethane
Concen: 53.552 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :

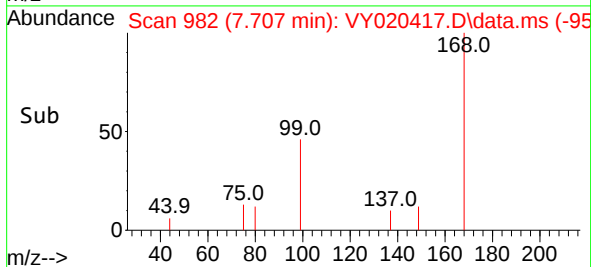
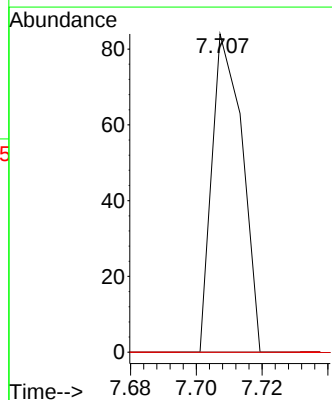
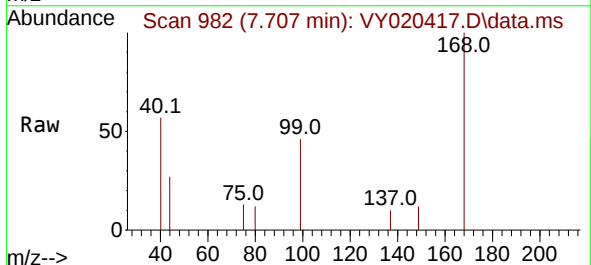


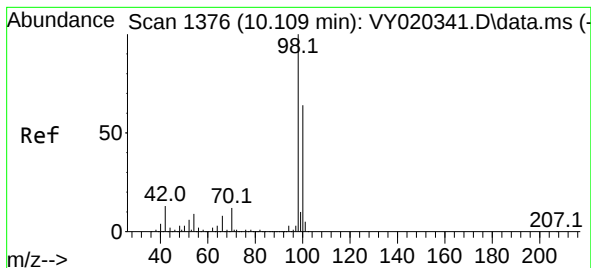
Tgt Ion:113 Resp: 865
Ion Ratio Lower Upper
113 100
111 96.3 81.4 122.0
192 7.3 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 2.189 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
110 0.0 16.7 50.0#
77 0.0 24.6 36.8#

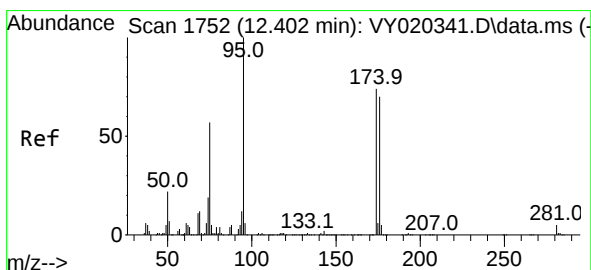
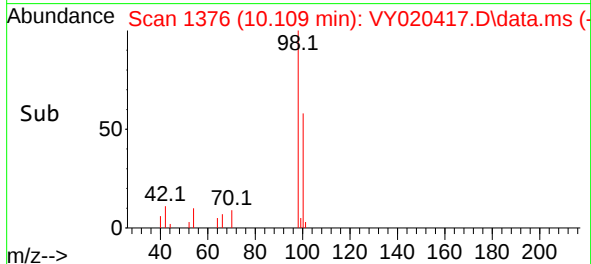
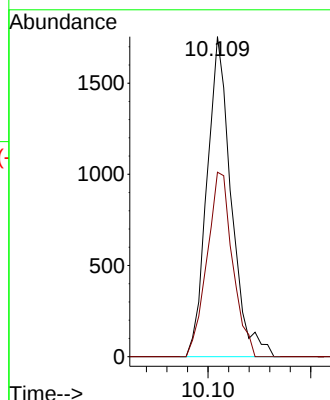
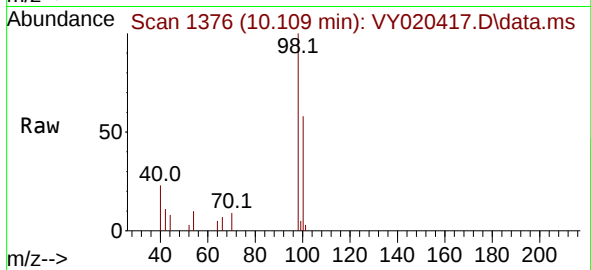




#50
Toluene-d8
Concen: 45.121 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

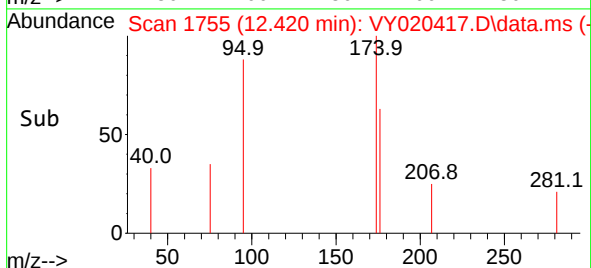
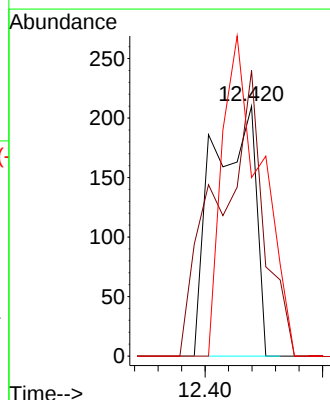
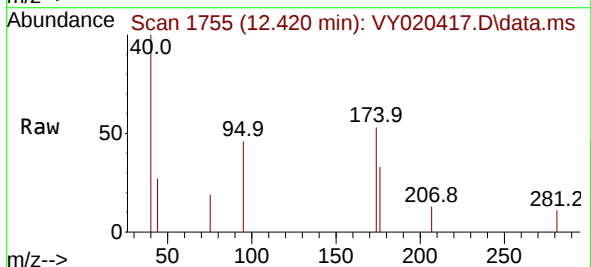
Instrument :
MSVOA_Y
ClientSampleId :

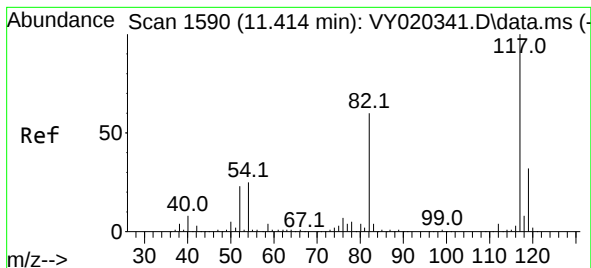
Tgt Ion: 98 Resp: 2871
Ion Ratio Lower Upper
98 100
100 60.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 12.858 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.018 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Tgt Ion: 95 Resp: 263
Ion Ratio Lower Upper
95 100
174 122.1 0.0 156.8
176 118.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

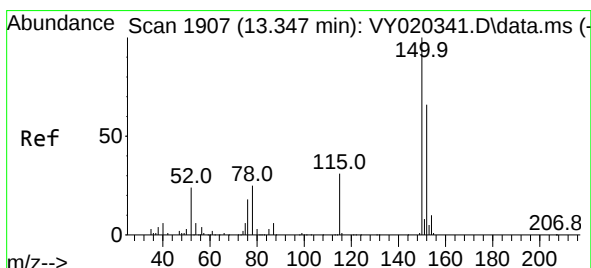
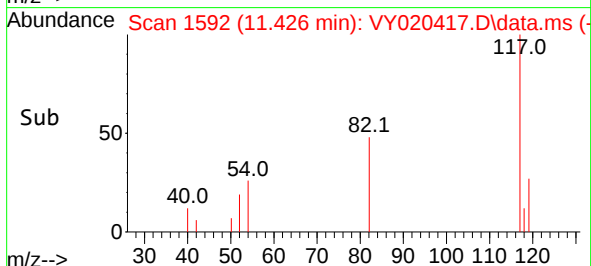
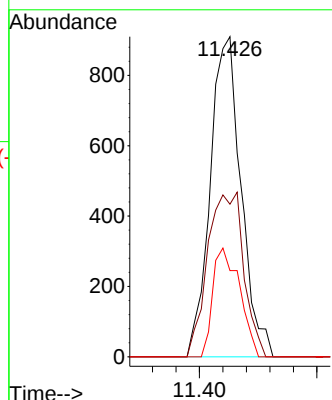
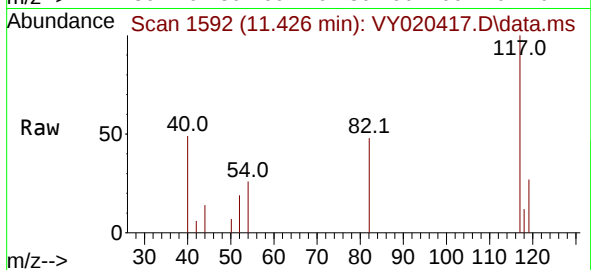
Tgt Ion:117 Resp: 1661

Ion Ratio Lower Upper

117 100

82 47.7 48.2 72.4#

119 26.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020417.D

Acq: 22 Nov 2024 16:47

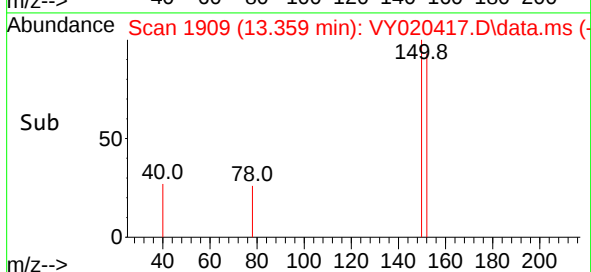
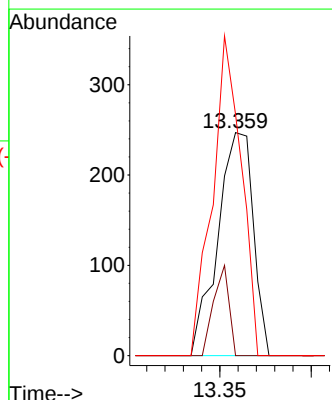
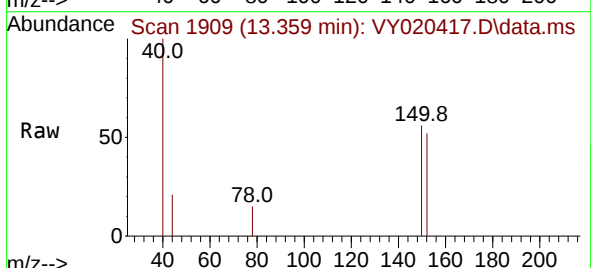
Tgt Ion:152 Resp: 335

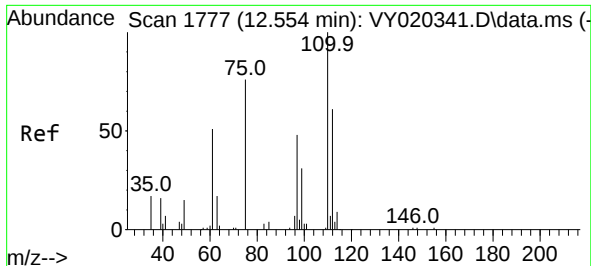
Ion Ratio Lower Upper

152 100

115 17.6 30.0 90.0#

150 116.1 0.0 348.2

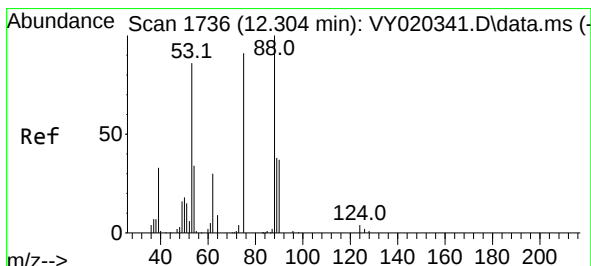
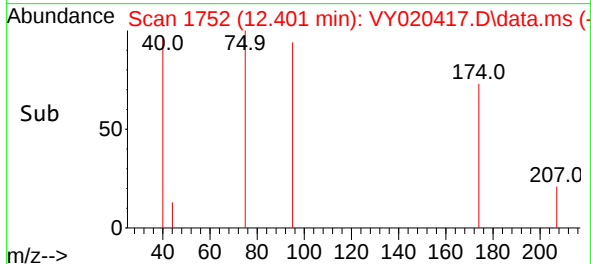
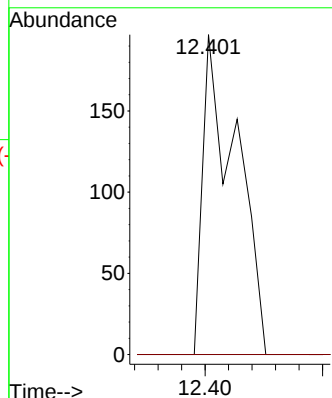
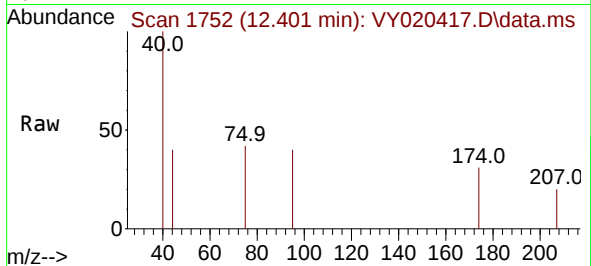




#76
1,2,3-Trichloropropane
Concen: 61.758 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 121.012 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020417.D
Acq: 22 Nov 2024 16:47

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

