

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020434.D
 Acq On : 25 Nov 2024 16:57
 Operator : SY/MD
 Sample : P4960-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 00:46:37 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)

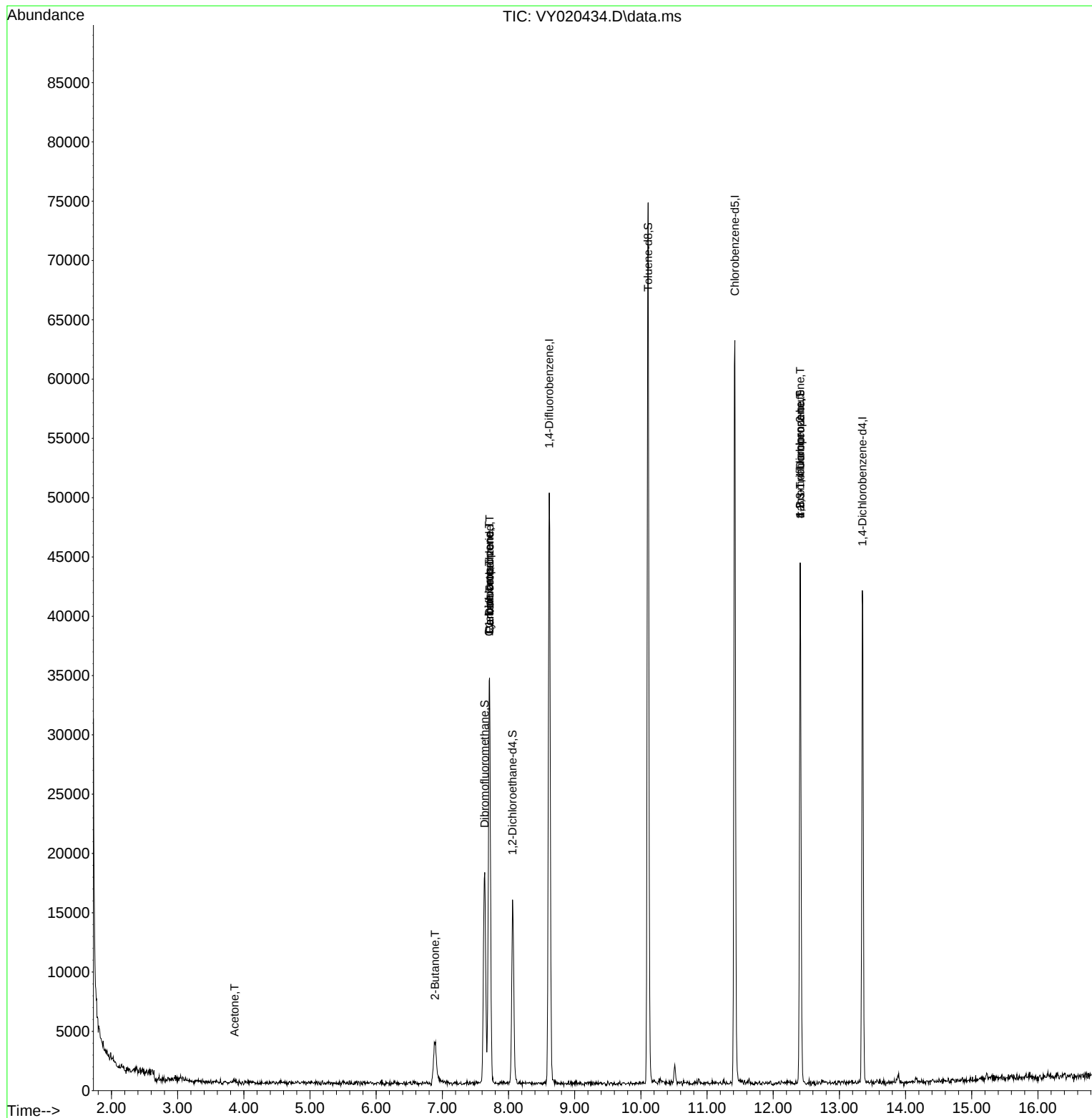
Internal Standards						
1) Pentafluorobenzene	7.713	168	25425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	42456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	33581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	10419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12685	43.426	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	86.860%	
35) Dibromofluoromethane	7.640	113	12947	47.557	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	95.120%	
50) Toluene-d8	10.109	98	48517	45.241	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	90.480%	
62) 4-Bromofluorobenzene	12.408	95	12916	37.465	ug/l	0.00
Spiked Amount 50.000	Range	29 - 146	Recovery	=	74.940%	
Target Compounds						Qvalue
16) Acetone	3.860	43	363	5.184	ug/l #	43
25) 2-Butanone	6.890	43	182	2.019	ug/l #	50
31) Cyclohexane	7.707	56	558	1.025	ug/l #	13
36) 1,1-Dichloropropene	7.707	75	2096	5.041	ug/l #	49
38) Carbon Tetrachloride	7.713	117	2706	6.233	ug/l #	11
76) 1,2,3-Trichloropropane	12.408	75	7116	72.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	7116	141.987	ug/l #	9

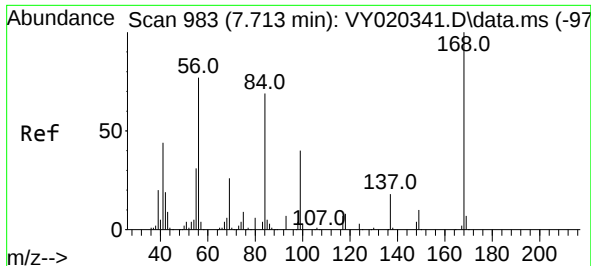
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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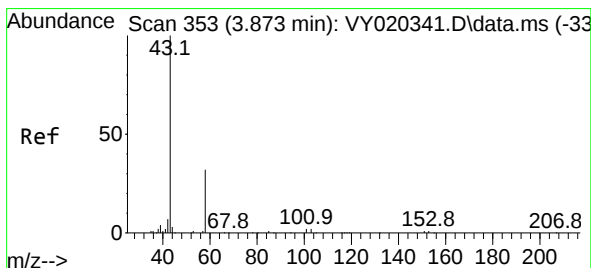
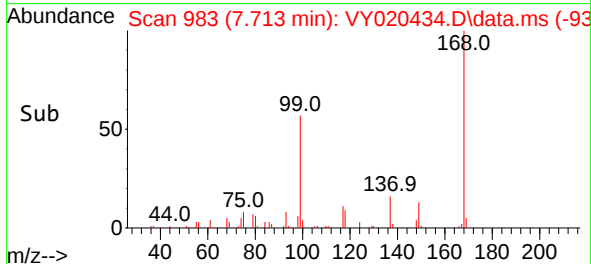
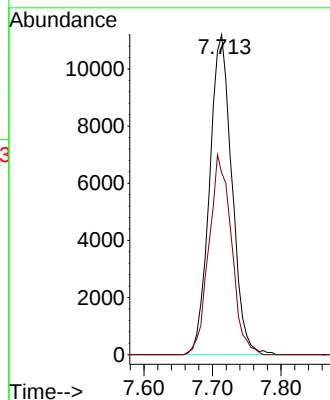
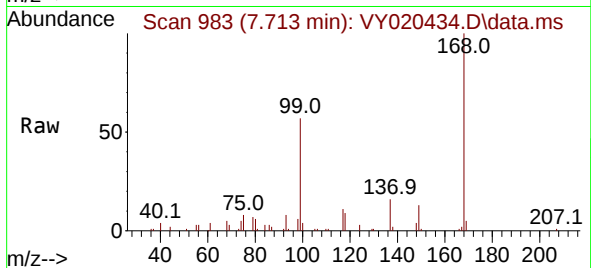




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

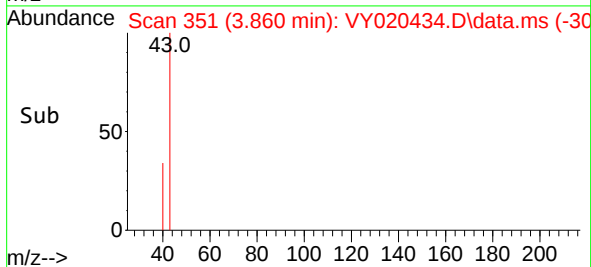
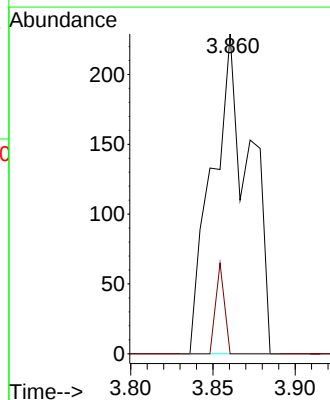
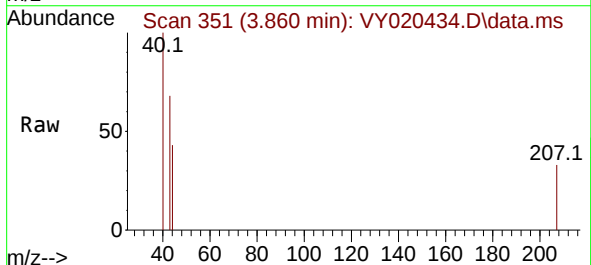
Instrument :
MSVOA_Y
ClientSampleId :

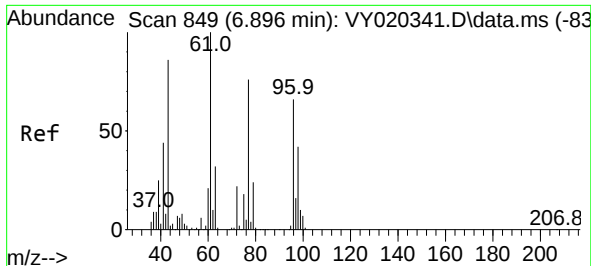
Tgt Ion:168 Resp: 25425
Ion Ratio Lower Upper
168 100
99 56.8 46.6 69.8



#16
Acetone
Concen: 5.184 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#





#25

2-Butanone

Concen: 2.019 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

Instrument :

MSVOA_Y

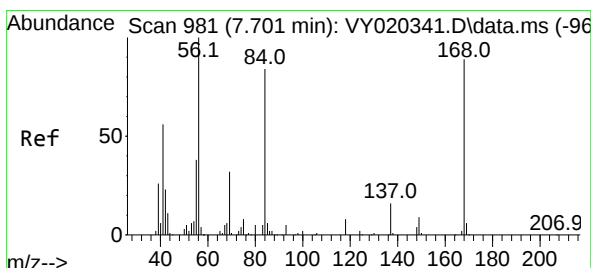
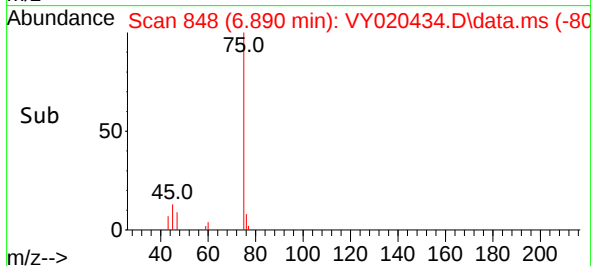
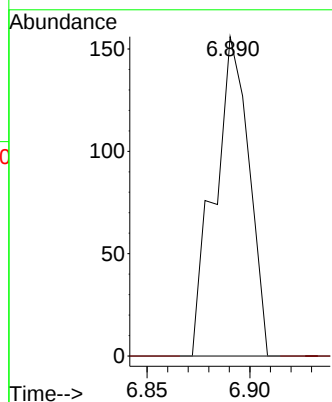
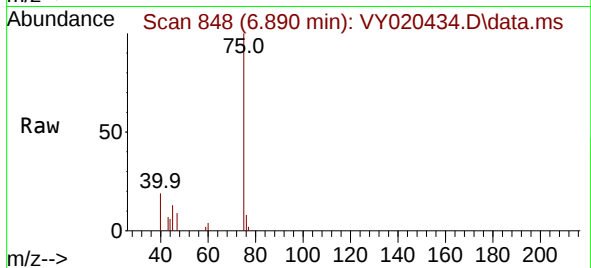
ClientSampleId :

Tgt Ion: 43 Resp: 182

Ion Ratio Lower Upper

43 100

72 0.0 20.4 30.6#



#31

Cyclohexane

Concen: 1.025 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

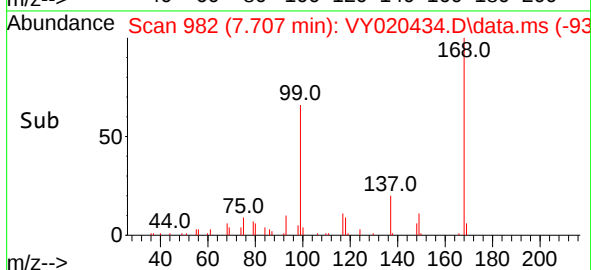
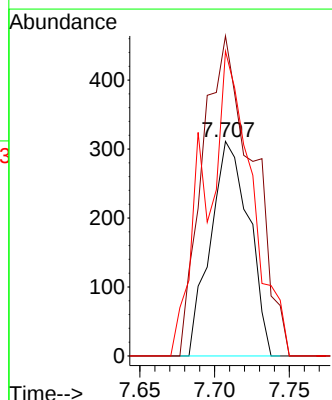
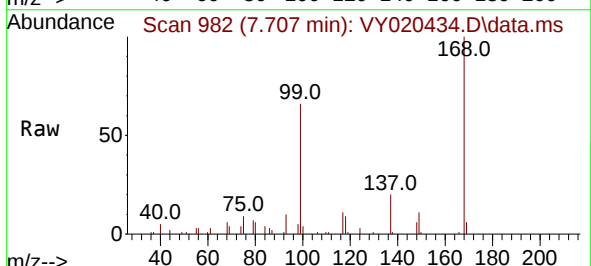
Tgt Ion: 56 Resp: 558

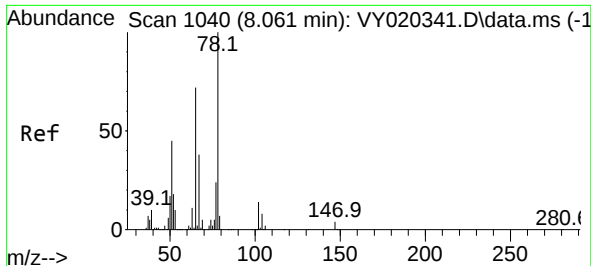
Ion Ratio Lower Upper

56 100

69 149.2 25.3 37.9#

84 119.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 43.426 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

Instrument :

MSVOA_Y

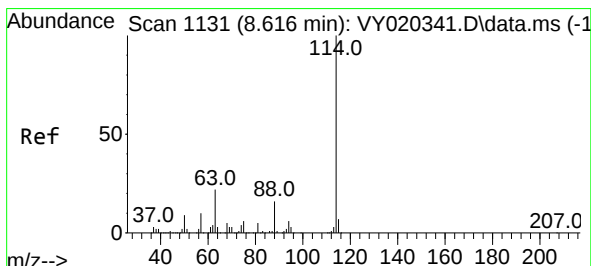
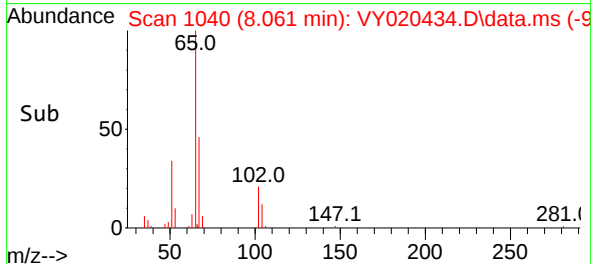
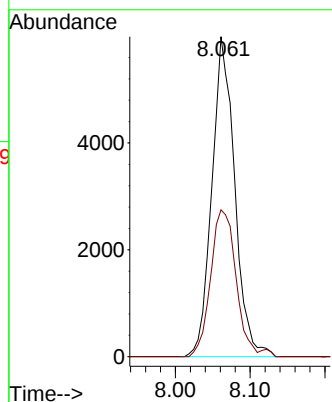
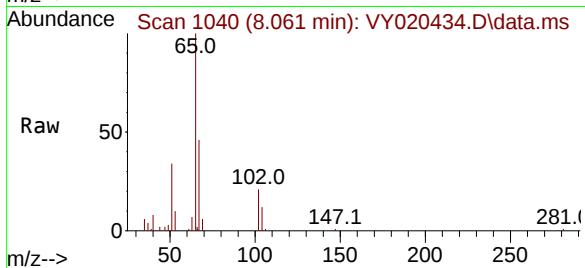
ClientSampleId :

Tgt Ion: 65 Resp: 12685

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

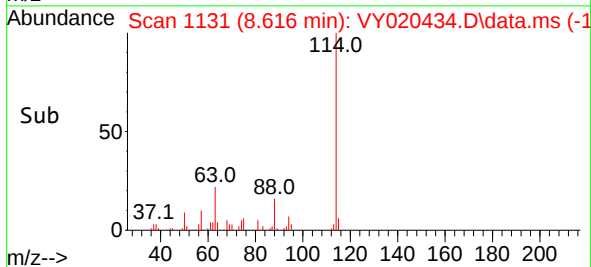
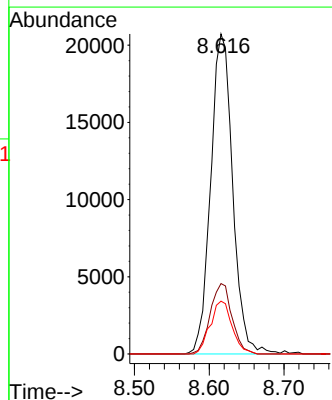
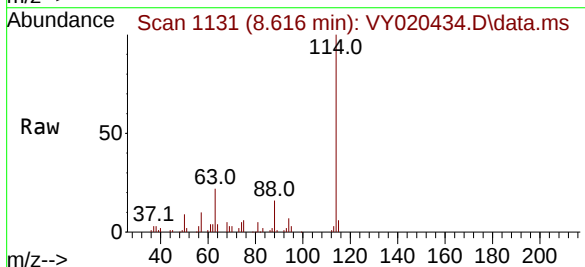
Tgt Ion: 114 Resp: 42456

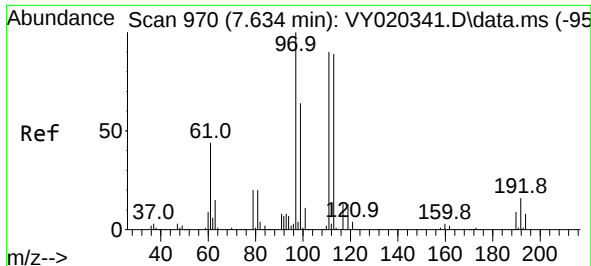
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.8

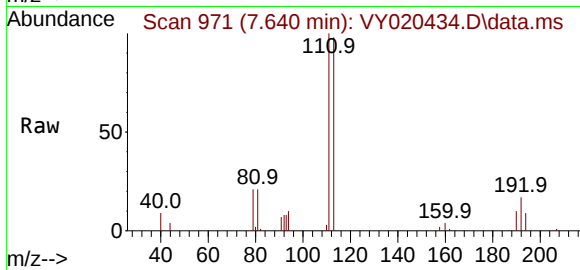
88 16.5 0.0 32.0



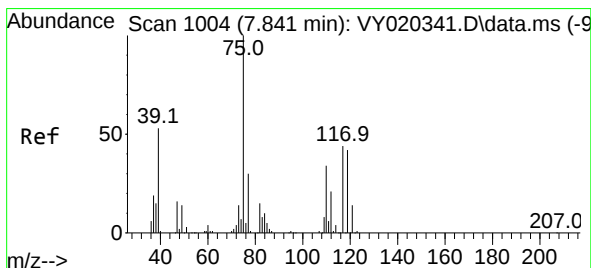
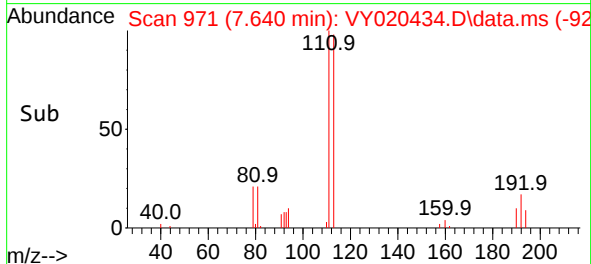
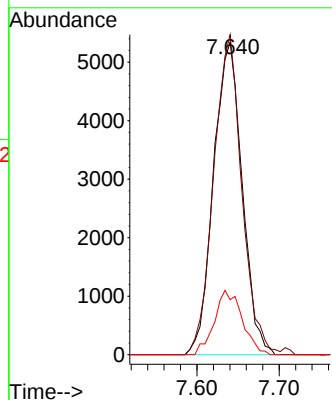


#35
Dibromofluoromethane
Concen: 47.557 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

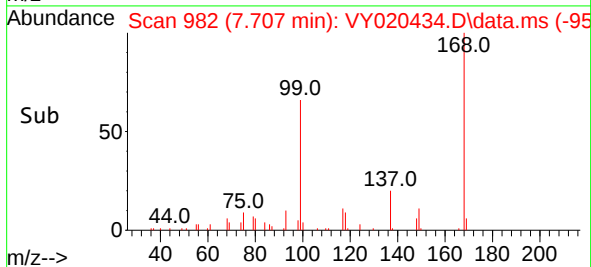
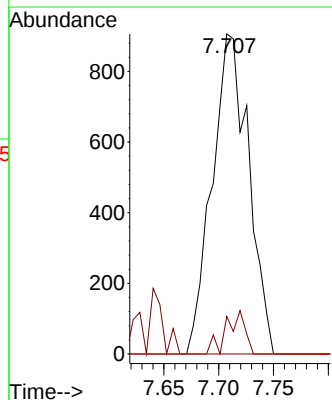
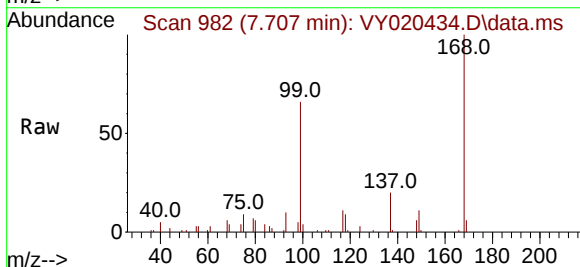


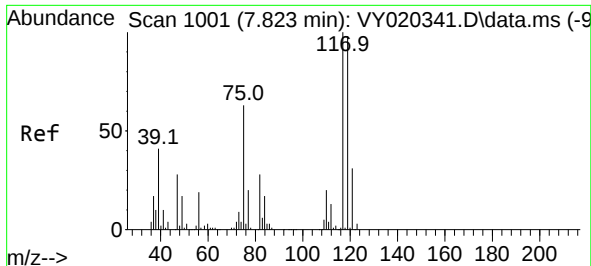
Tgt Ion:113 Resp: 12947
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 20.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

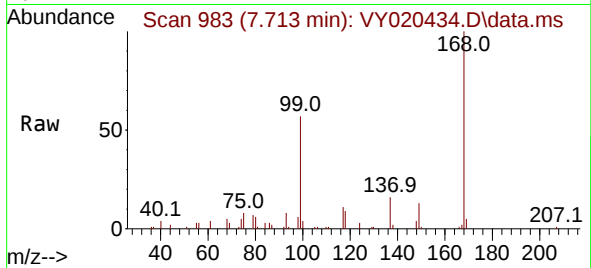
Tgt Ion: 75 Resp: 2096
Ion Ratio Lower Upper
75 100
110 7.1 16.7 50.0#
77 0.0 24.6 36.8#



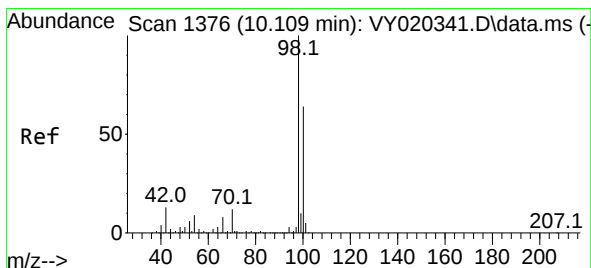
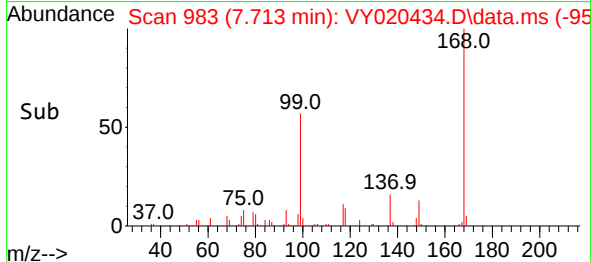
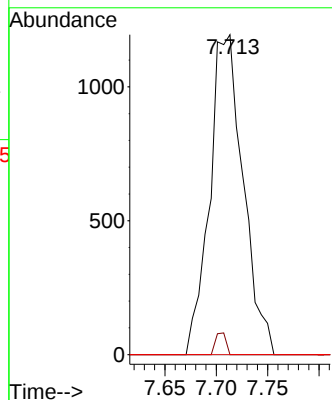


#38
Carbon Tetrachloride
Concen: 6.233 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

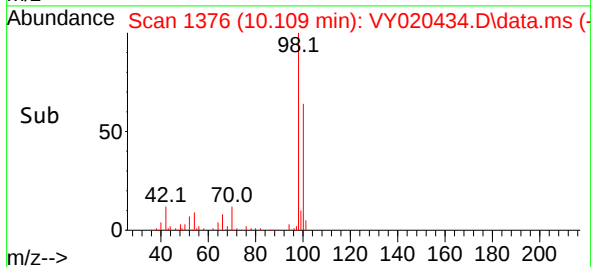
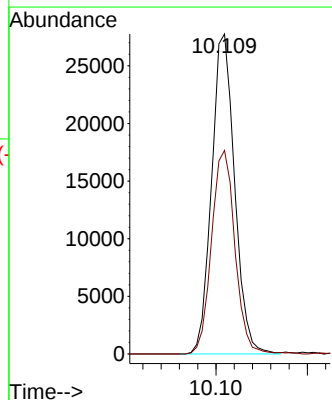
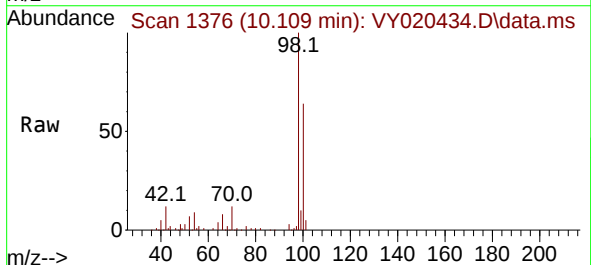


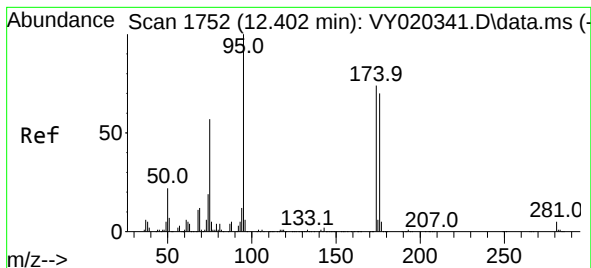
Tgt Ion:117 Resp: 2706
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.241 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Tgt Ion: 98 Resp: 48517
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9

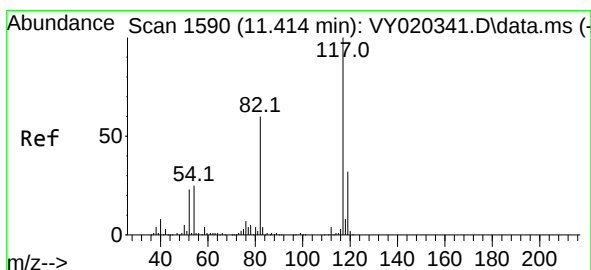
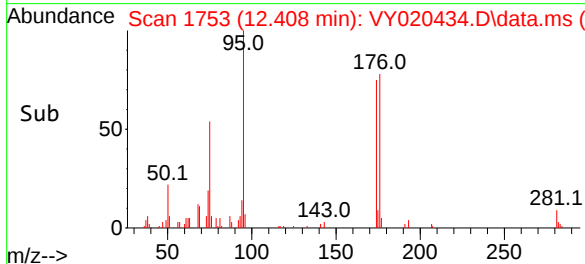
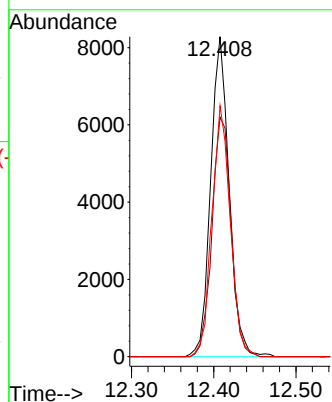
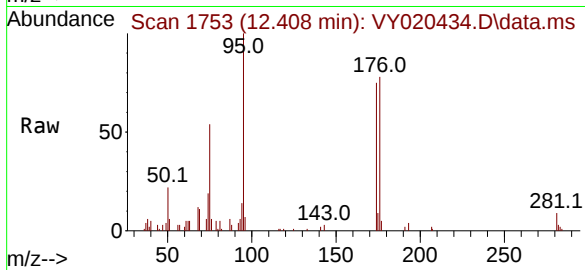




#62
4-Bromofluorobenzene
Concen: 37.465 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

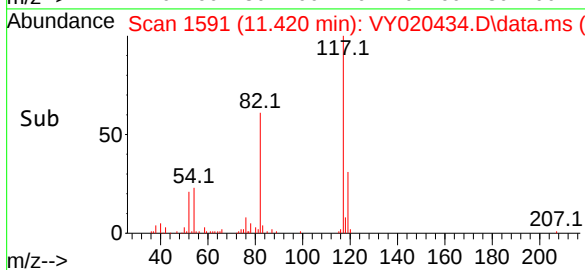
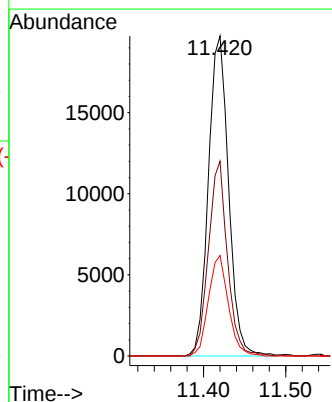
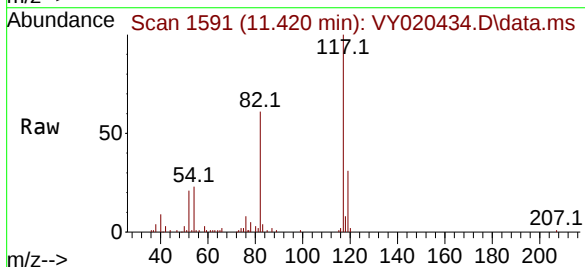
Instrument :
MSVOA_Y
ClientSampleId :

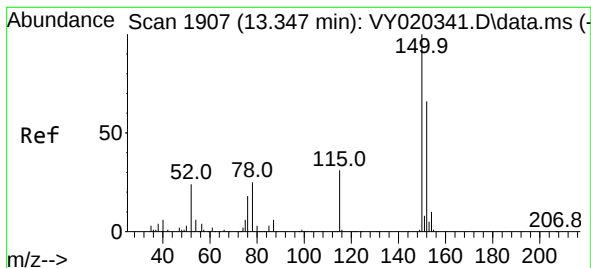
Tgt Ion: 95 Resp: 12916
Ion Ratio Lower Upper
95 100
174 77.8 0.0 156.8
176 78.2 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020434.D
Acq: 25 Nov 2024 16:57

Tgt Ion: 117 Resp: 33581
Ion Ratio Lower Upper
117 100
82 60.8 48.2 72.4
119 31.4 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020434.D

Acq: 25 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

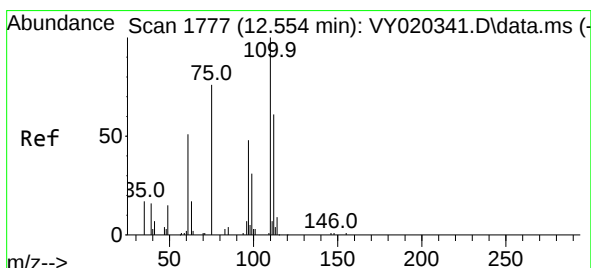
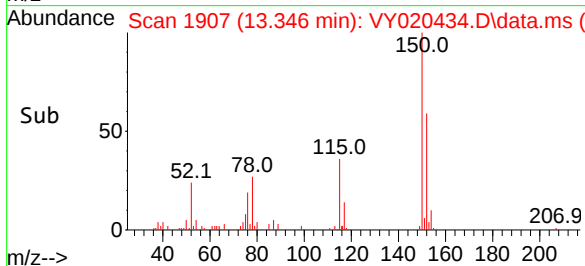
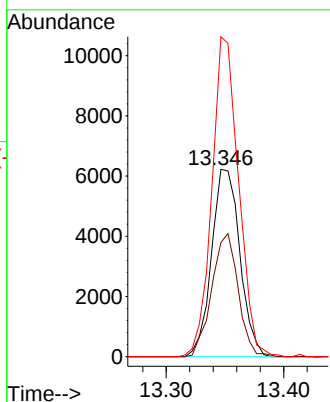
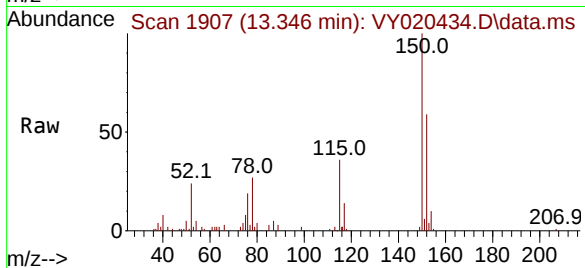
Tgt Ion:152 Resp: 10419

Ion Ratio Lower Upper

152 100

115 61.5 30.0 90.0

150 161.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 72.463 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020434.D

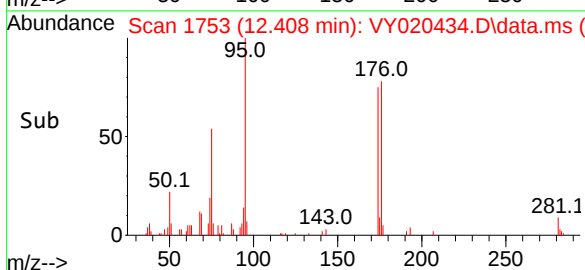
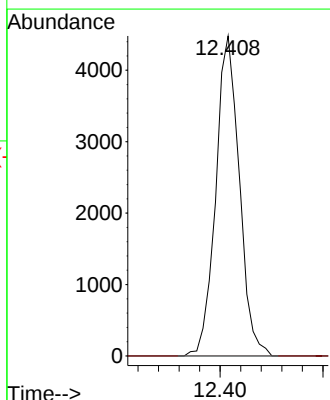
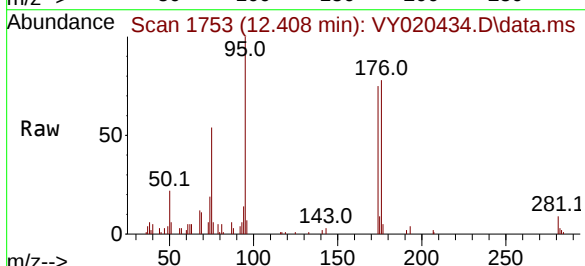
Acq: 25 Nov 2024 16:57

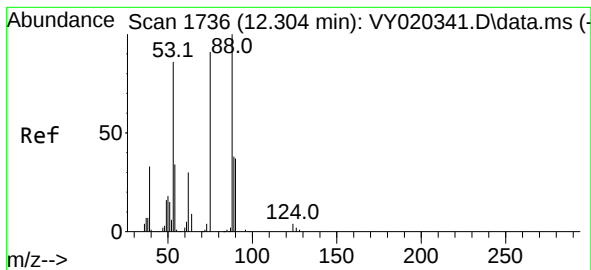
Tgt Ion: 75 Resp: 7116

Ion Ratio Lower Upper

75 100

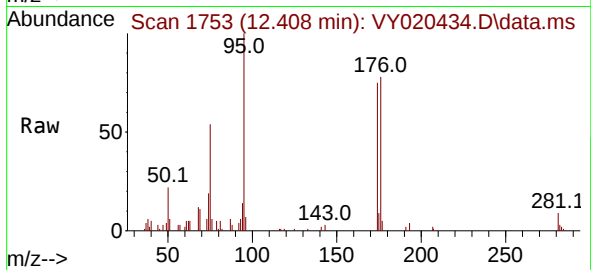
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.987 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020434.D
 Acq: 25 Nov 2024 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 7116
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.0 35.1 52.7#

