

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020701.D
 Acq On : 23 Dec 2024 19:01
 Operator : SY/MD
 Sample : P5306-15
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 25 01:02:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

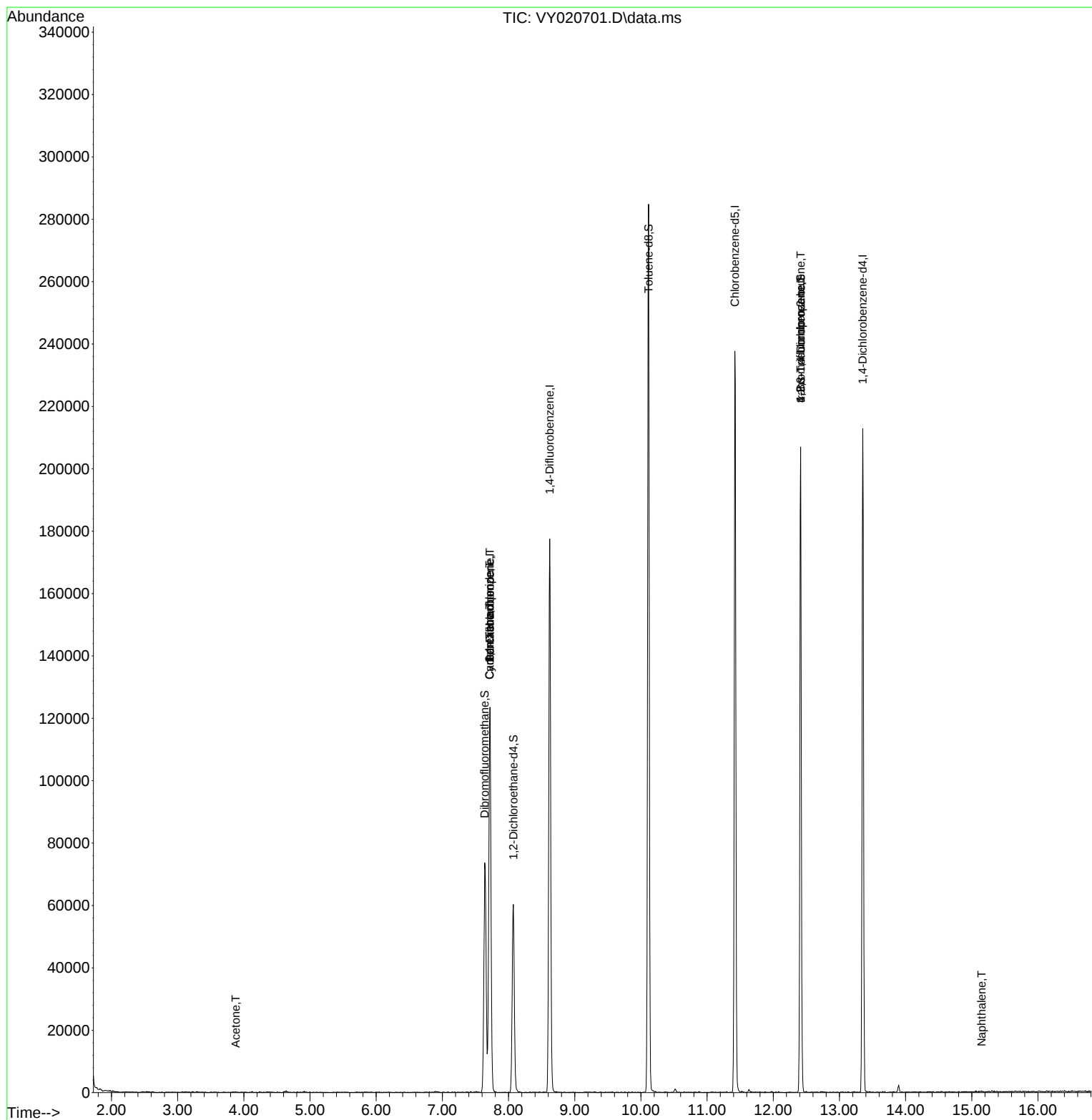
Internal Standards						
1) Pentafluorobenzene	7.719	168	94774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	152816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	128401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	54196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	54157	64.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.040%	
35) Dibromofluoromethane	7.640	113	48833	54.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.115	98	186989	57.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.760%	
62) 4-Bromofluorobenzene	12.414	95	58946	49.693	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.380%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	278	2.900	ug/l #	43
31) Cyclohexane	7.713	56	1774	1.791	ug/l #	27
36) 1,1-Dichloropropene	7.719	75	6625	6.074	ug/l #	53
38) Carbon Tetrachloride	7.713	117	10120	5.734	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	32915	88.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	32915	191.435	ug/l #	8
95) Naphthalene	15.151	128	139	3.586	ug/l #	69

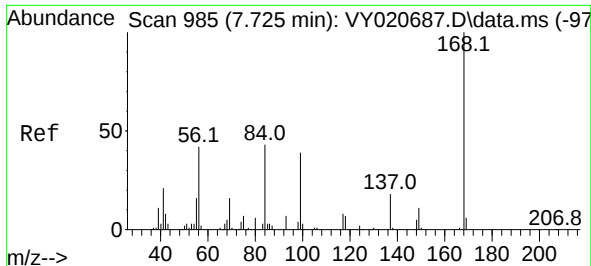
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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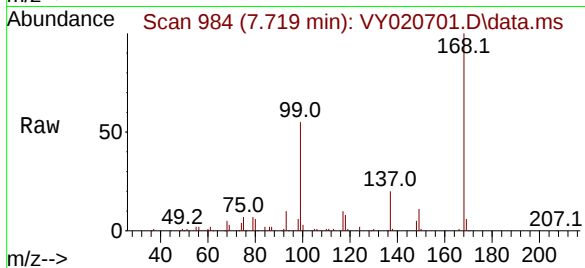
Quant Time: Dec 25 01:02:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 25 00:58:45 2024
Response via : Initial Calibration



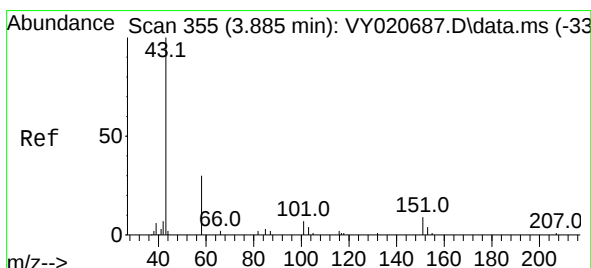
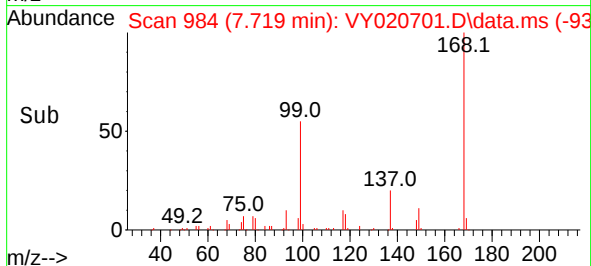
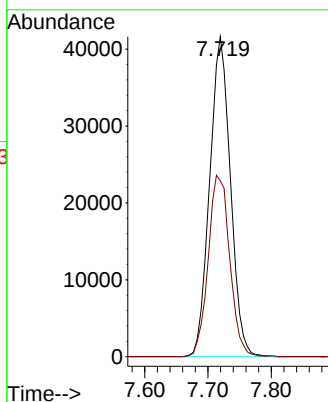


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

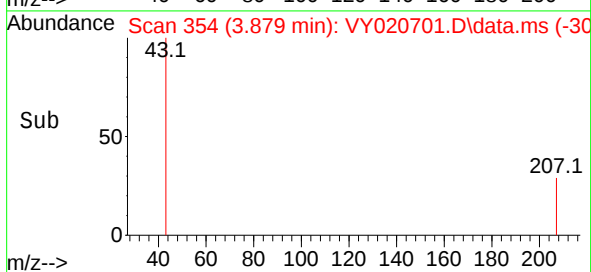
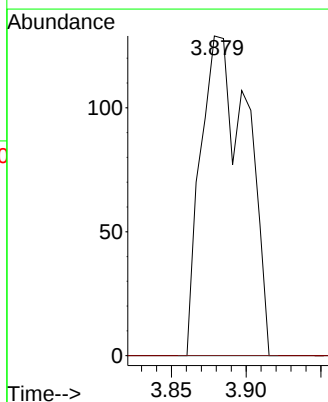
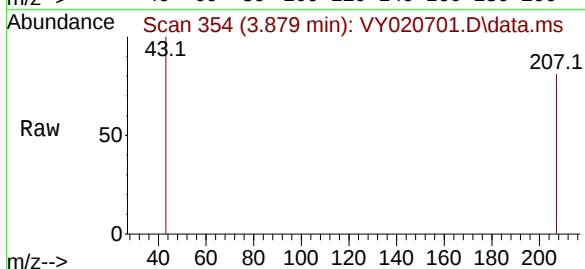


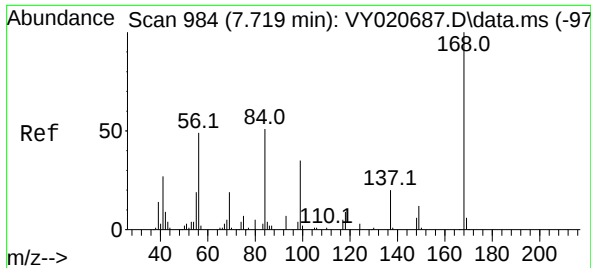
Tgt Ion:168 Resp: 94774
Ion Ratio Lower Upper
168 100
99 54.9 43.8 65.6



#16
Acetone
Concen: 2.900 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

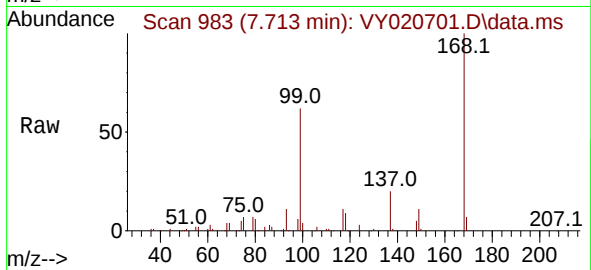
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



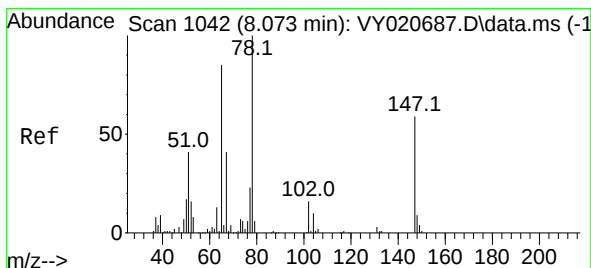
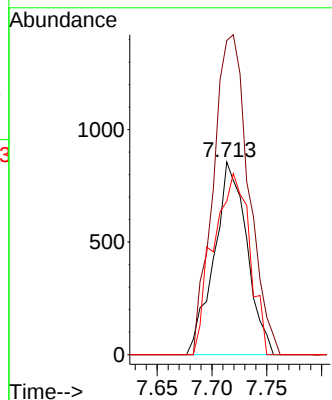
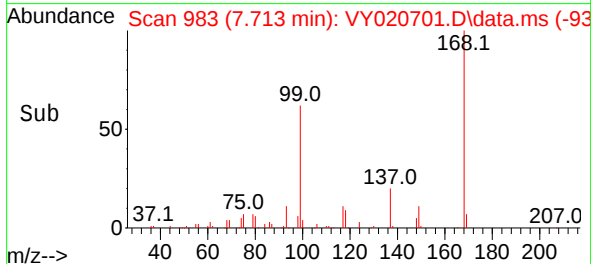


#31
Cyclohexane
Concen: 1.791 ug/l
RT: 7.713 min Scan# 984
Delta R.T. -0.006 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

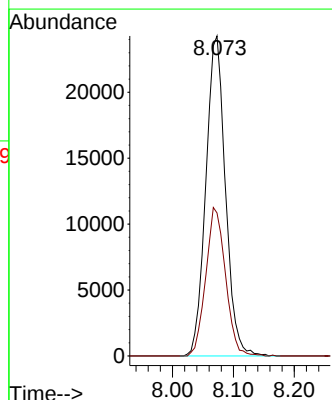
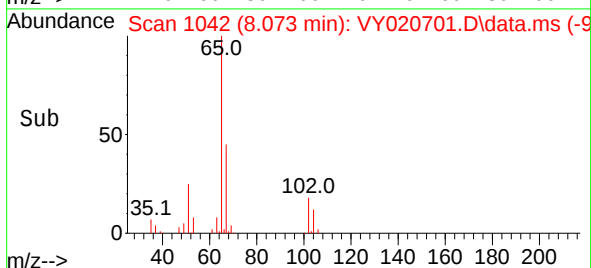
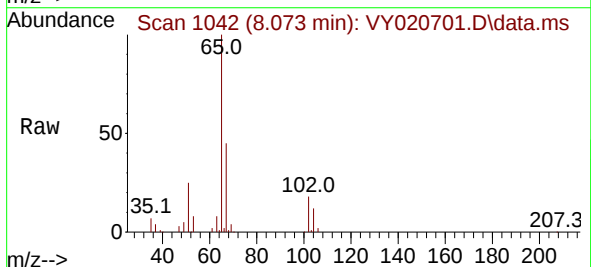


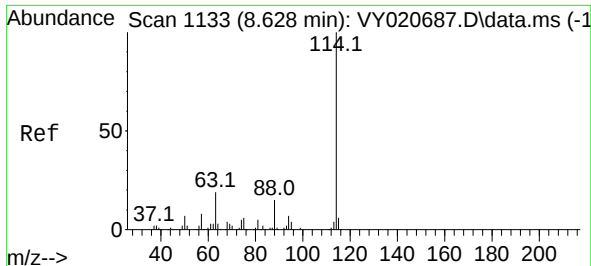
Tgt Ion: 56 Resp: 1774
Ion Ratio Lower Upper
56 100
69 163.1 31.3 46.9#
84 79.7 83.9 125.9#



#33
1,2-Dichloroethane-d4
Concen: 64.522 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion: 65 Resp: 54157
Ion Ratio Lower Upper
65 100
67 46.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VY020701.D

Acq: 23 Dec 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

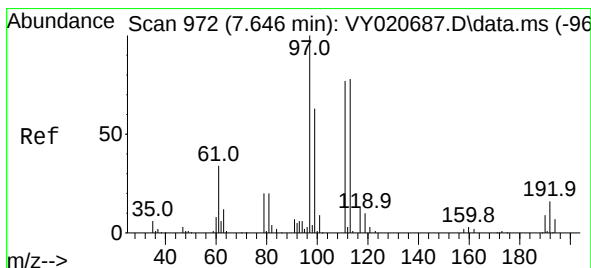
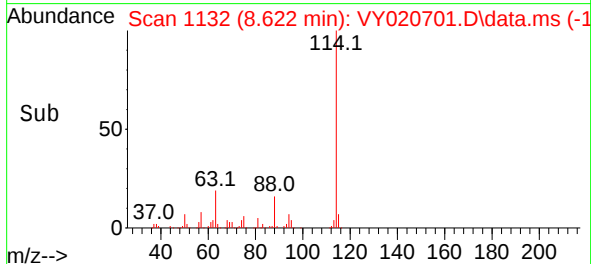
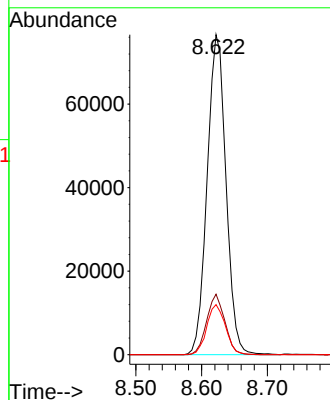
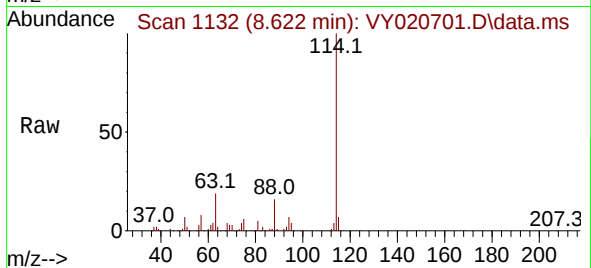
Tgt Ion:114 Resp: 152816

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.6 0.0 30.4



#35

Dibromofluoromethane

Concen: 54.422 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020701.D

Acq: 23 Dec 2024 19:01

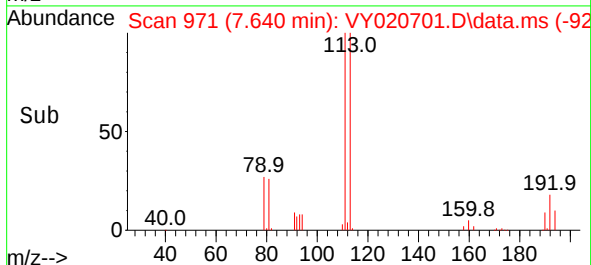
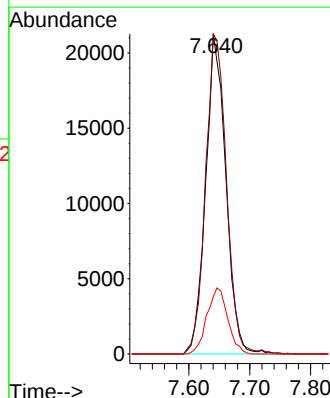
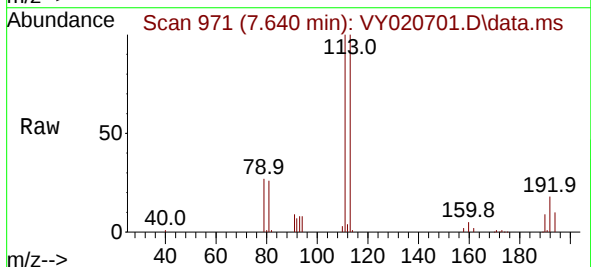
Tgt Ion:113 Resp: 48833

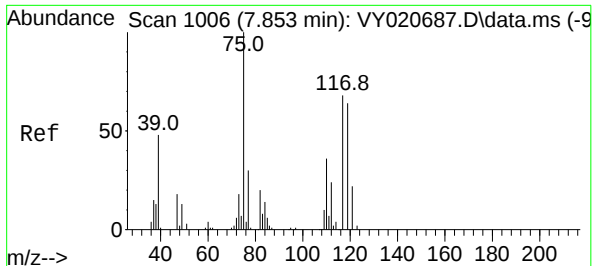
Ion Ratio Lower Upper

113 100

111 103.6 79.8 119.8

192 21.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 6.074 ug/l

RT: 7.719 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY020701.D

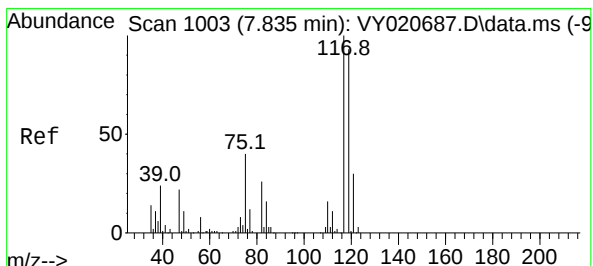
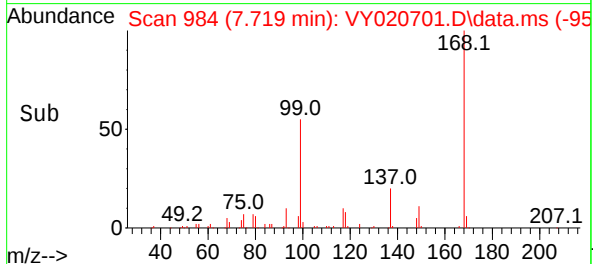
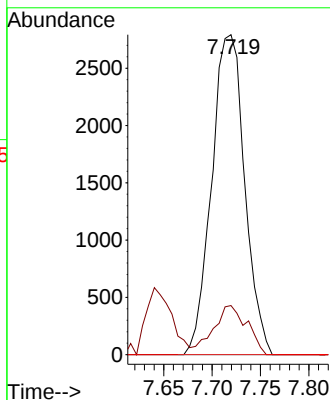
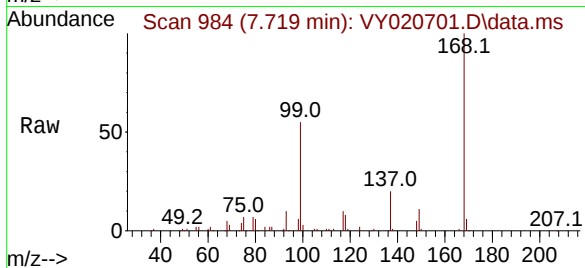
Acq: 23 Dec 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 6625
Ion Ratio	Lower Upper
75	100
110	15.7 19.6 58.7#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.734 ug/l

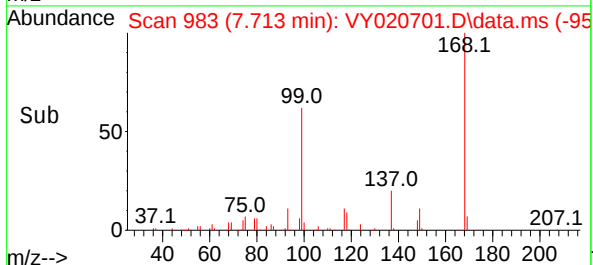
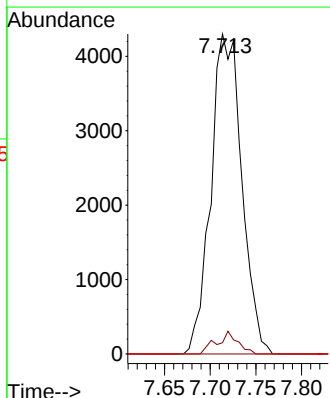
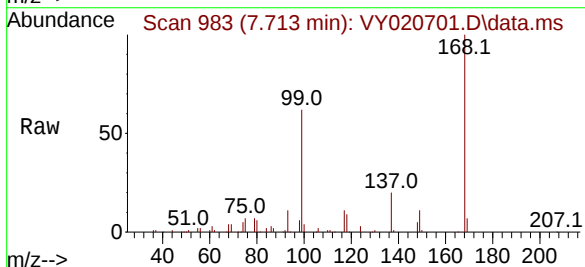
RT: 7.713 min Scan# 983

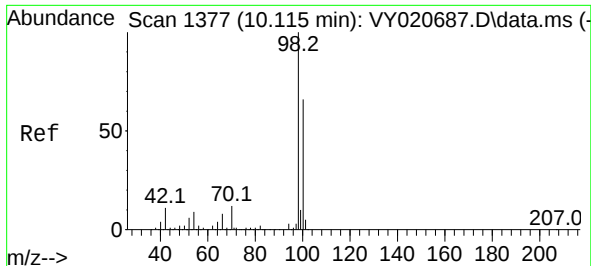
Delta R.T. -0.122 min

Lab File: VY020701.D

Acq: 23 Dec 2024 19:01

Tgt Ion: 117	Resp: 10120
Ion Ratio	Lower Upper
117	100
119	3.5 74.4 111.6#
121	0.0 24.2 36.2#

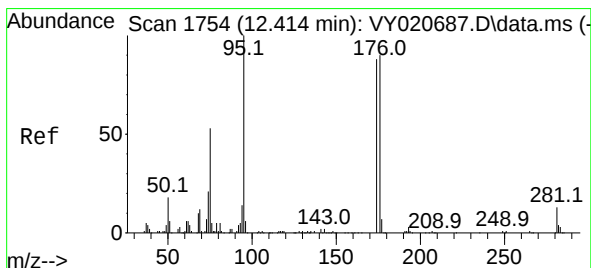
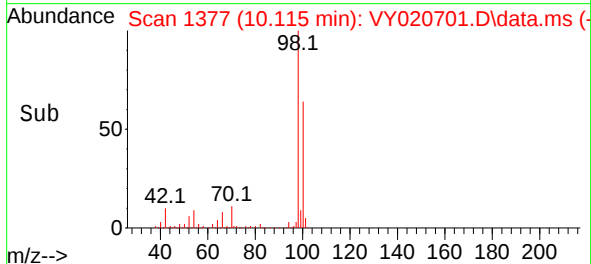
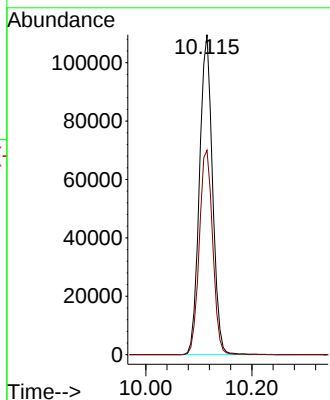
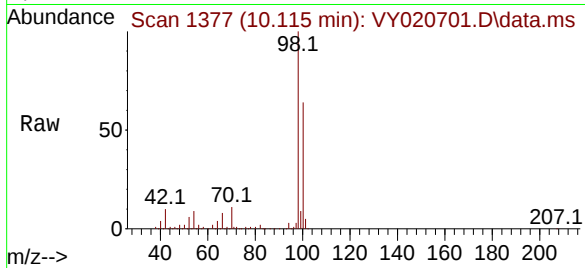




#50
Toluene-d8
Concen: 57.375 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

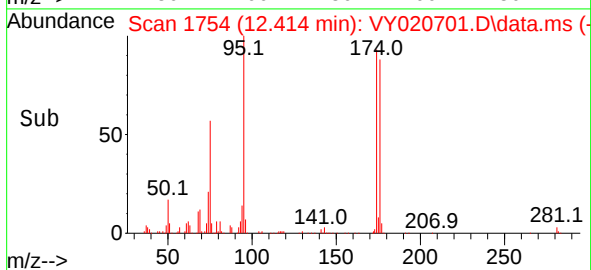
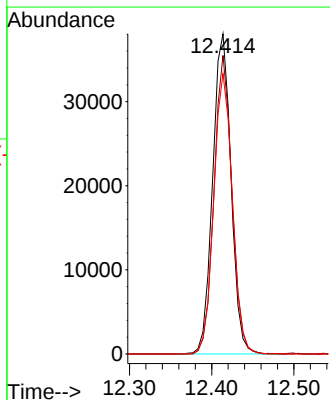
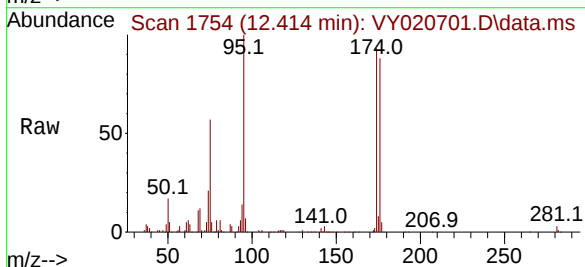
Instrument :
MSVOA_Y
ClientSampleId :

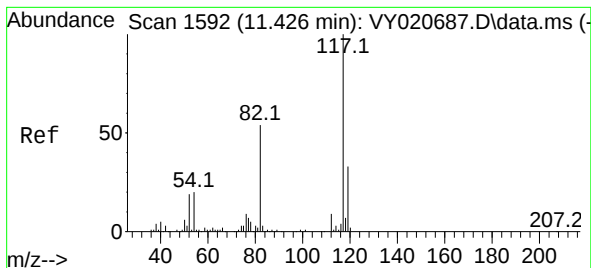
Tgt Ion: 98 Resp: 186989
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Tgt Ion: 95 Resp: 58946
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.2
176 88.7 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020701.D

Acq: 23 Dec 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

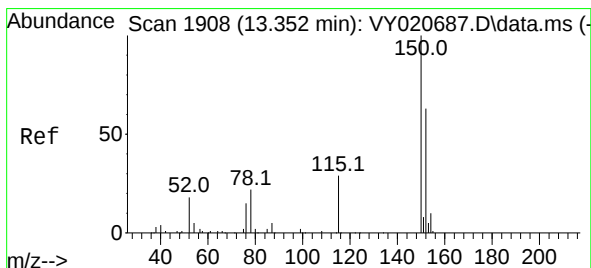
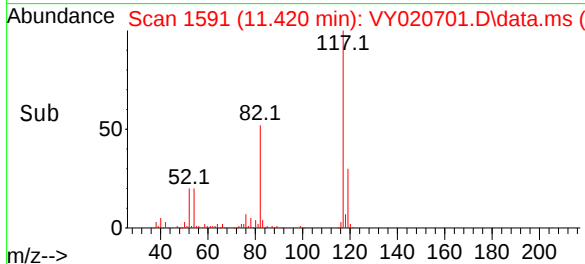
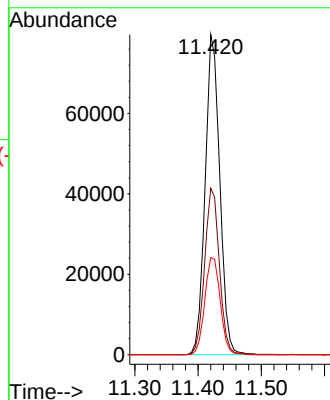
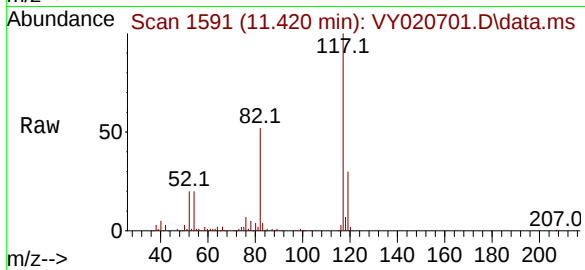
Tgt Ion:117 Resp: 128401

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.2

119 30.4 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020701.D

Acq: 23 Dec 2024 19:01

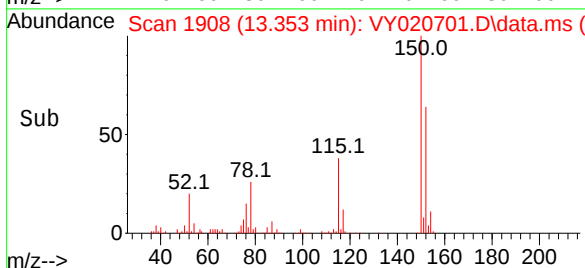
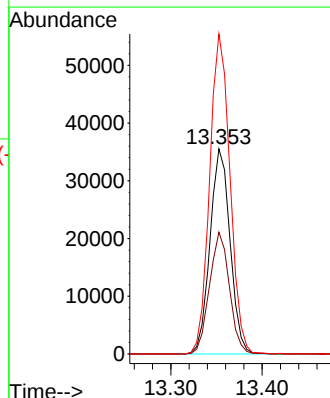
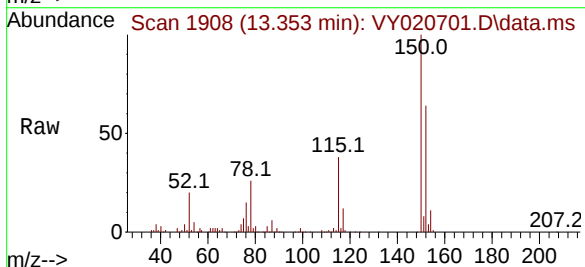
Tgt Ion:152 Resp: 54196

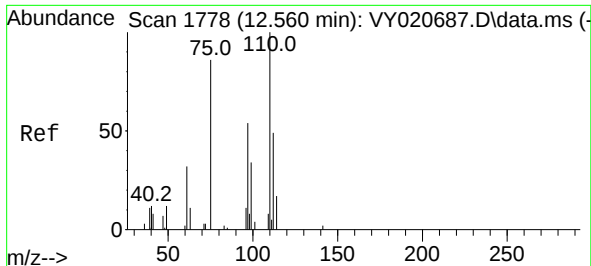
Ion Ratio Lower Upper

152 100

115 58.8 30.3 90.9

150 157.6 0.0 349.0

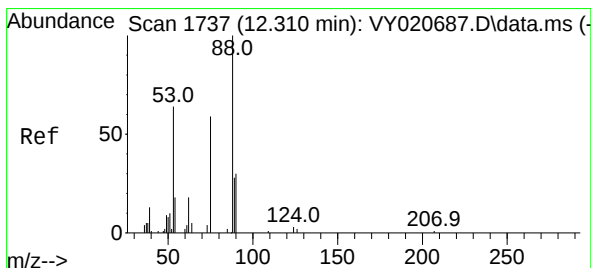
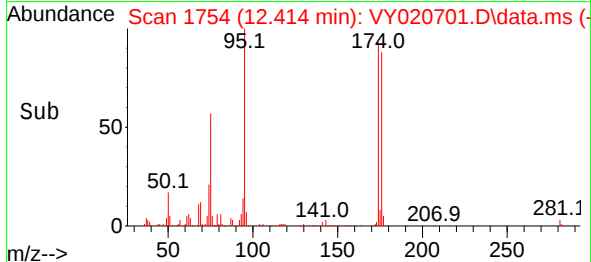
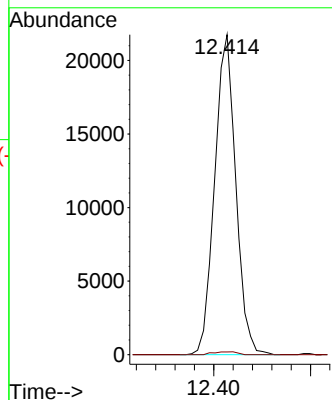
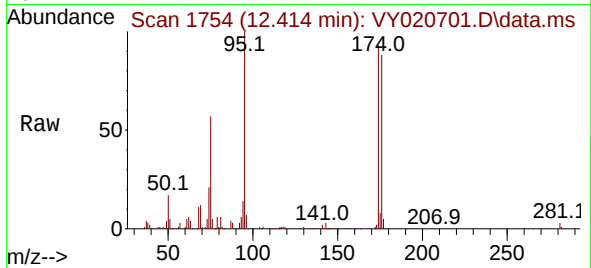




#76
1,2,3-Trichloropropane
Concen: 88.065 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

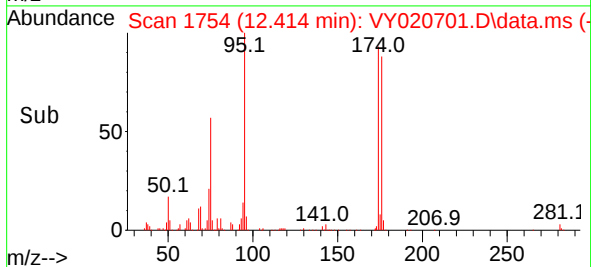
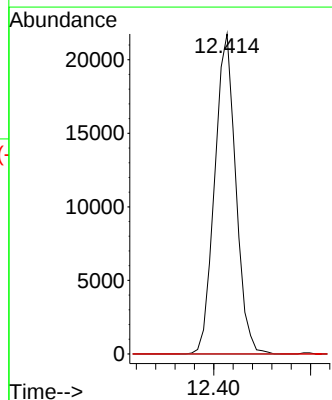
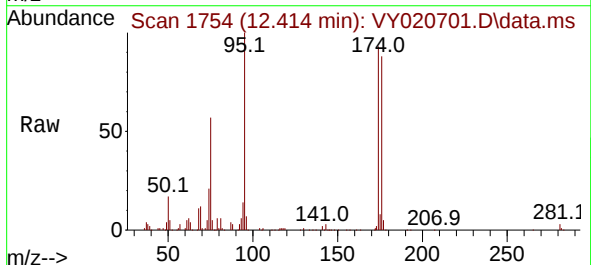
Instrument :
MSVOA_Y
ClientSampleId :

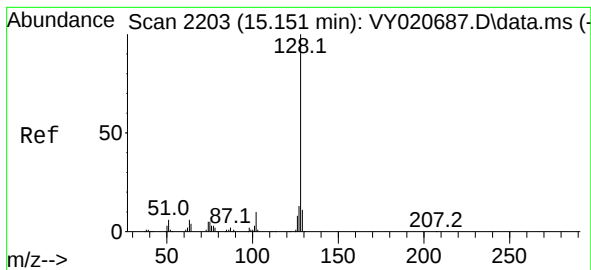
Tgt Ion: 75 Resp: 32915
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 191.435 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

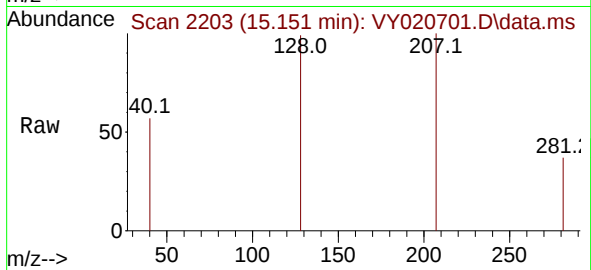
Tgt Ion: 75 Resp: 32915
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.0 40.6 61.0#





#95
Naphthalene
Concen: 3.586 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020701.D
Acq: 23 Dec 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	139
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.6	12.8#

