

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020722.D
 Acq On : 26 Dec 2024 17:15
 Operator : SY/MD
 Sample : P5316-03RE
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 00:34:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

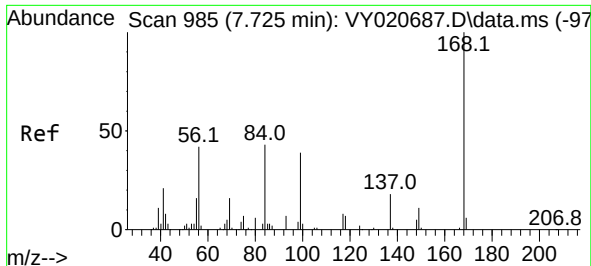
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	95048	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	149227	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	128468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	55512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	43540	55.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.860%	
35) Dibromofluoromethane	7.640	113	44935	54.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.109	98	172379	52.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.280%	
62) 4-Bromofluorobenzene	12.408	95	53781	49.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.460%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.104	76	2504	1.571	ug/l	96
20) Methylene Chloride	4.629	84	1081	1.683	ug/l #	69
31) Cyclohexane	7.707	56	1903	1.903	ug/l #	51
36) 1,1-Dichloropropene	7.707	75	6331	5.831	ug/l #	52
38) Carbon Tetrachloride	7.713	117	9971	5.577	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	603	1.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	30676	86.885	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30676	171.738	ug/l #	8

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

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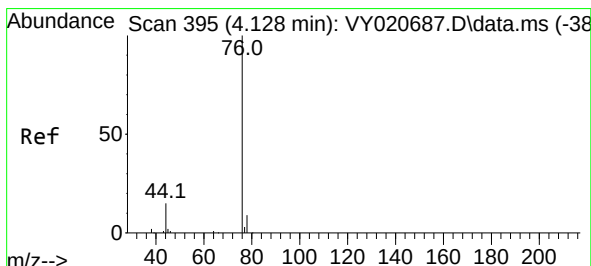
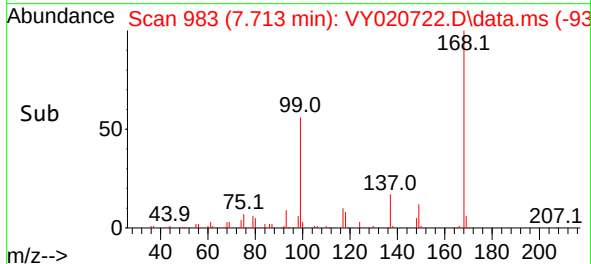
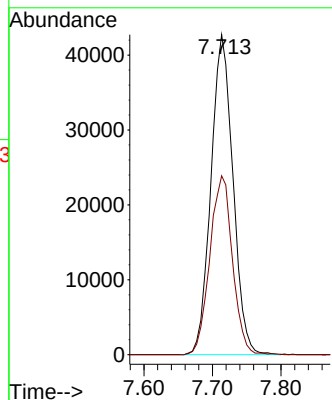
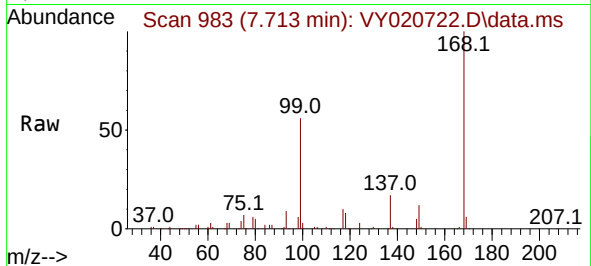




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

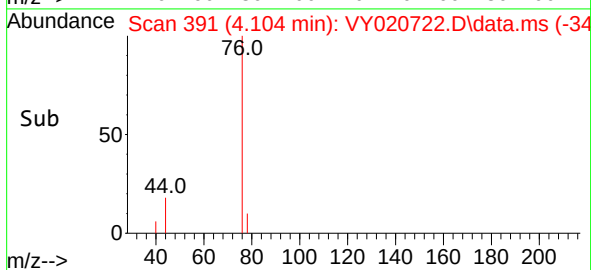
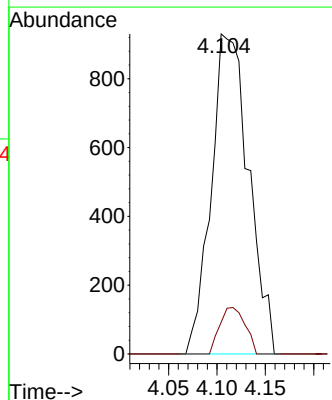
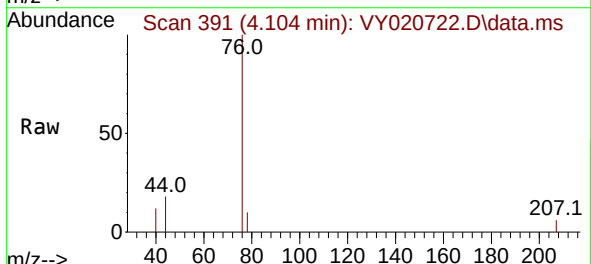
Instrument :
MSVOA_Y
ClientSampleId :

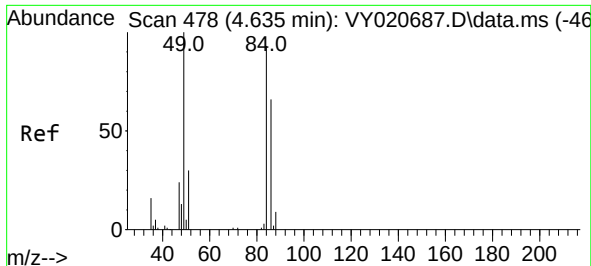
Tgt Ion:168 Resp: 95048
Ion Ratio Lower Upper
168 100
99 55.9 43.8 65.6



#17
Carbon Disulfide
Concen: 1.571 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.024 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

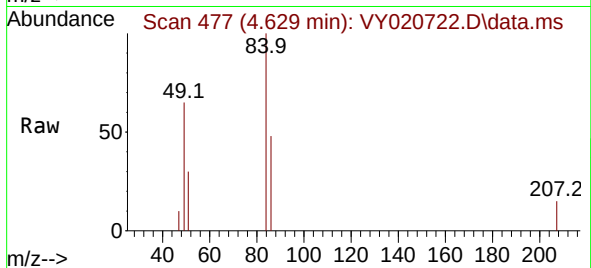
Tgt Ion: 76 Resp: 2504
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



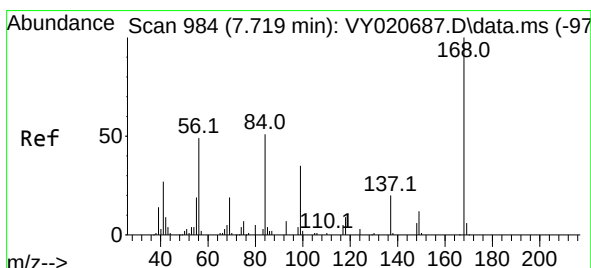
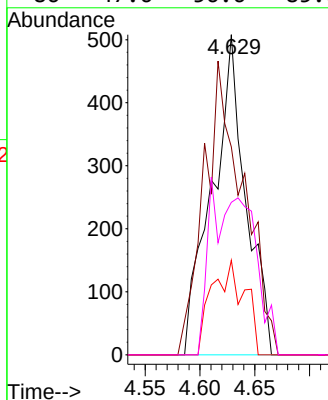
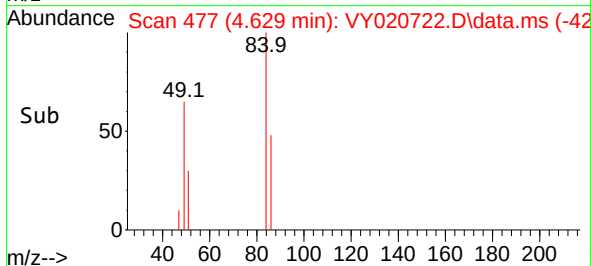


#20
Methylene Chloride
Concen: 1.683 ug/l
RT: 4.629 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

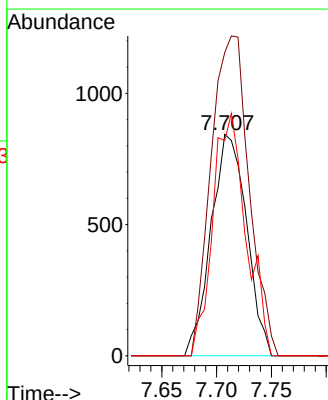
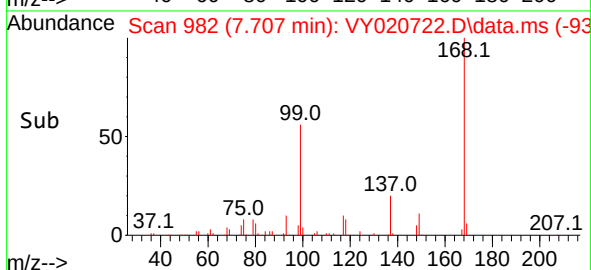
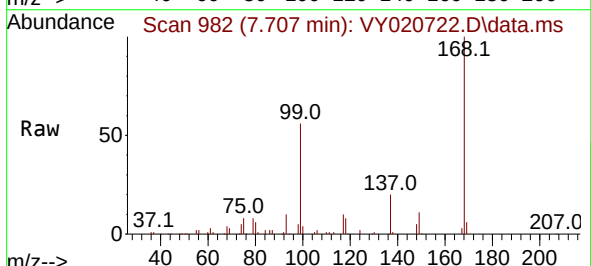


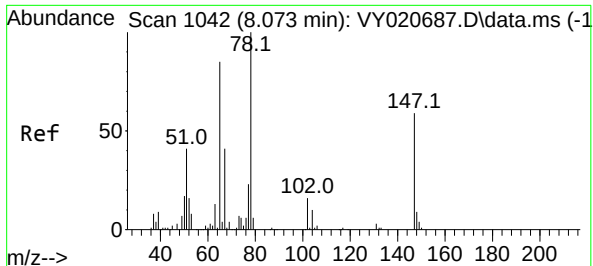
Tgt Ion:	84	Resp:	1081
Ion	Ratio	Lower	Upper
84	100		
49	65.0	86.4	129.6#
51	29.5	25.5	38.3
86	47.6	56.6	85.0#



#31
Cyclohexane
Concen: 1.903 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion:	56	Resp:	1903
Ion	Ratio	Lower	Upper
56	100		
69	137.0	31.3	46.9#
84	97.2	83.9	125.9





#33

1,2-Dichloroethane-d4

Concen: 55.926 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

Instrument :

MSVOA_Y

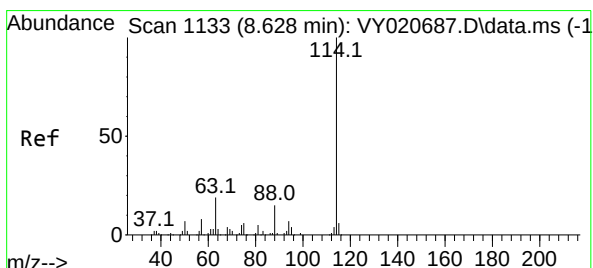
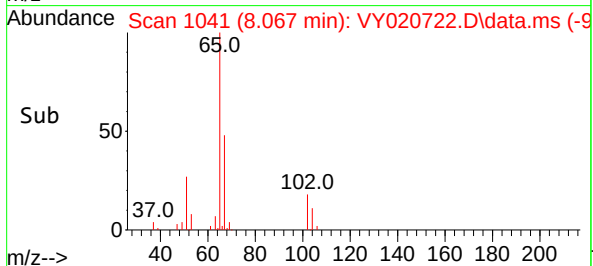
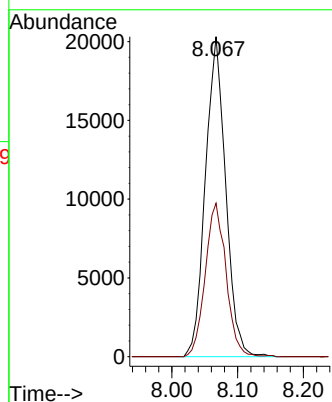
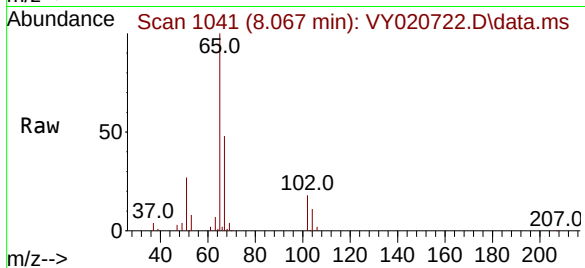
ClientSampleId :

Tgt Ion: 65 Resp: 43540

Ion Ratio Lower Upper

65 100

67 49.2 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

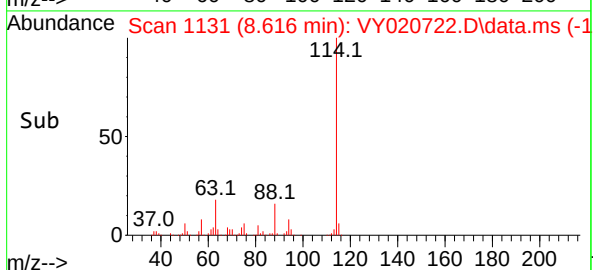
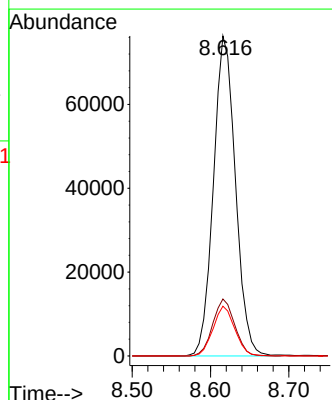
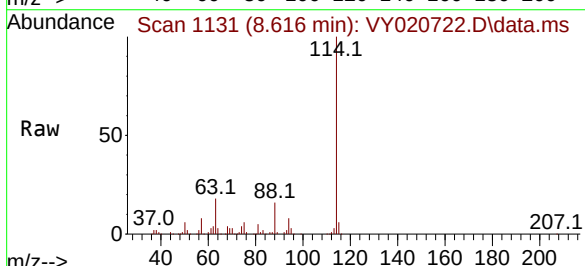
Tgt Ion: 114 Resp: 149227

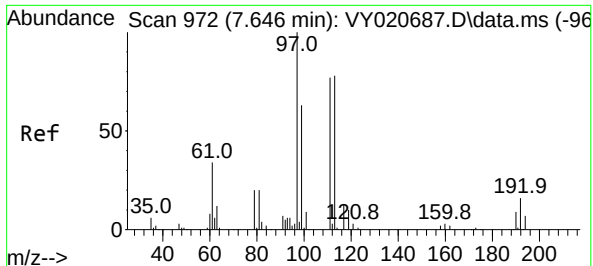
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.668 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

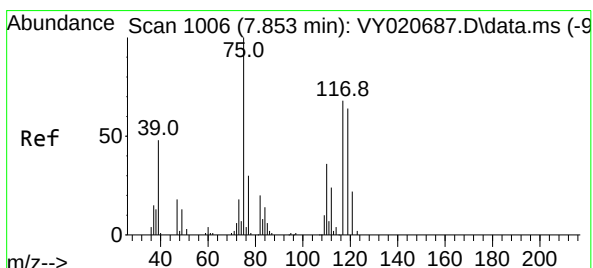
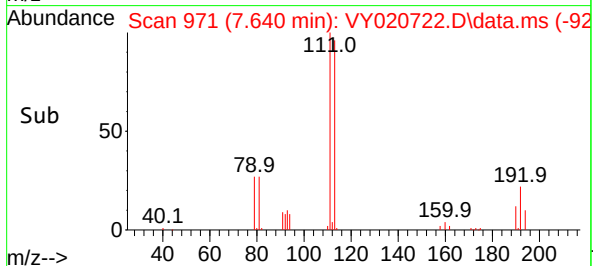
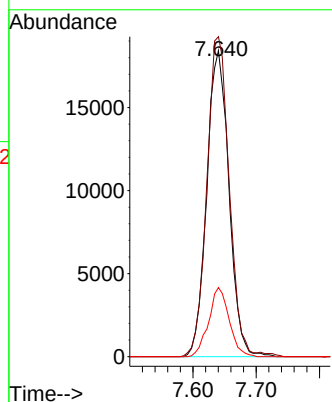
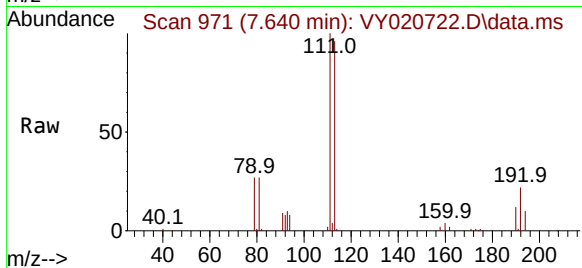
Tgt Ion:113 Resp: 44935

Ion Ratio Lower Upper

113 100

111 105.5 79.8 119.8

192 20.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.831 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.146 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

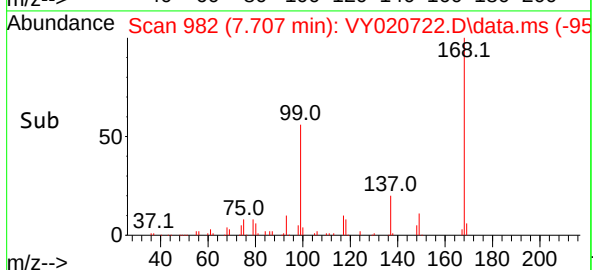
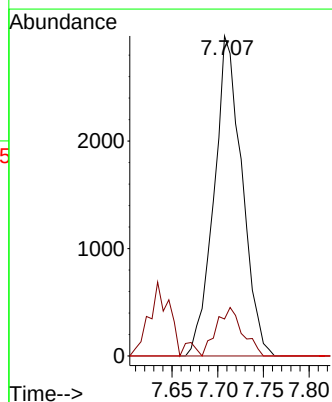
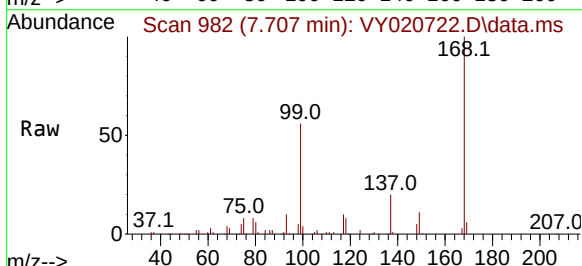
Tgt Ion: 75 Resp: 6331

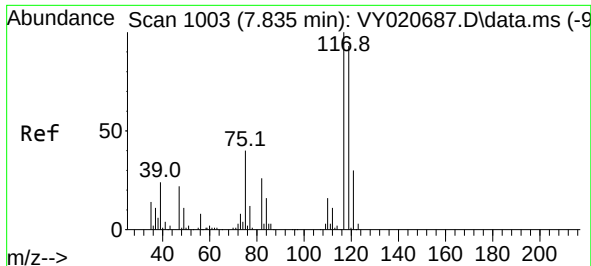
Ion Ratio Lower Upper

75 100

110 14.1 19.6 58.7#

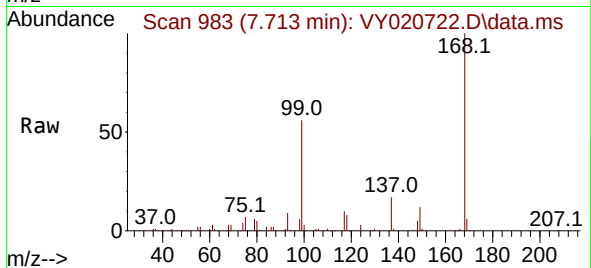
77 0.0 25.1 37.7#



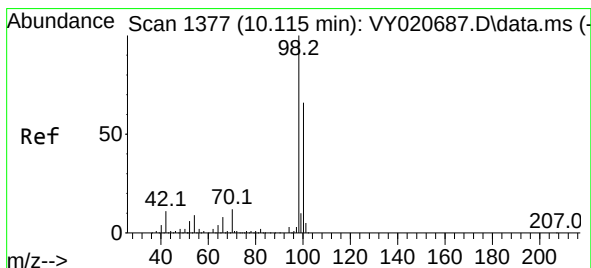
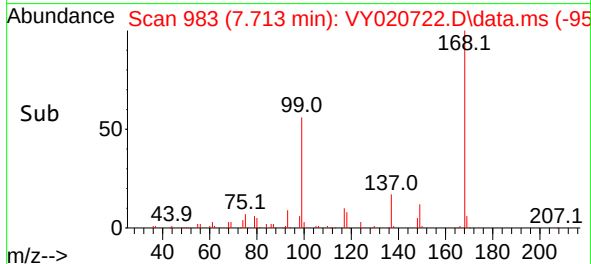
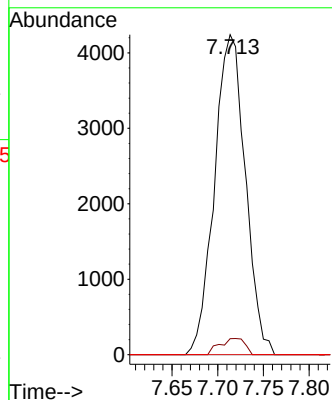


#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

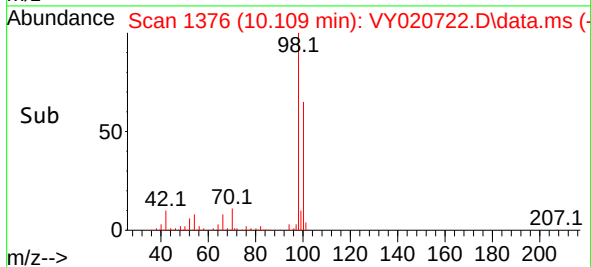
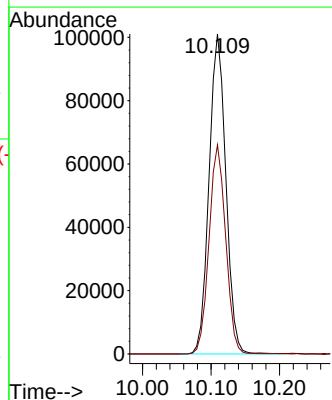
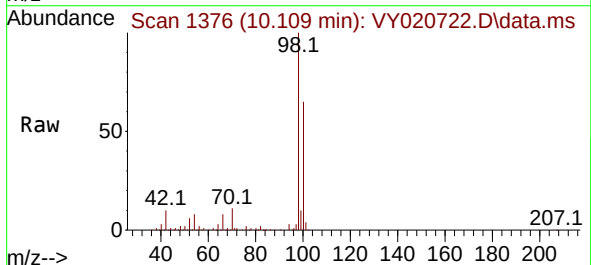


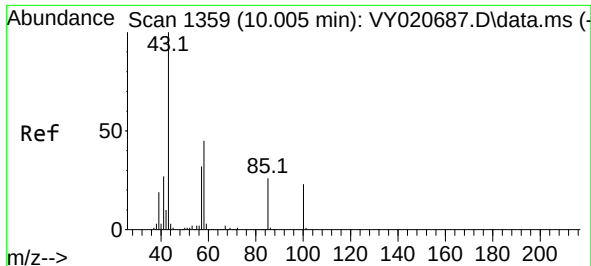
Tgt Ion:117 Resp: 9971
Ion Ratio Lower Upper
117 100
119 5.0 74.4 111.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.643 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 98 Resp: 172379
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

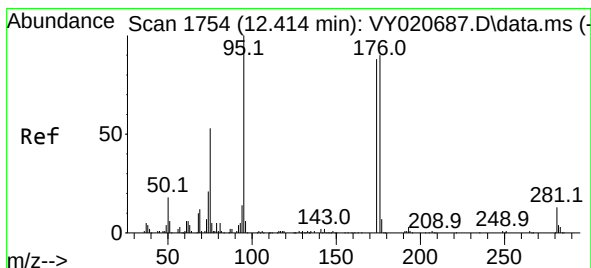
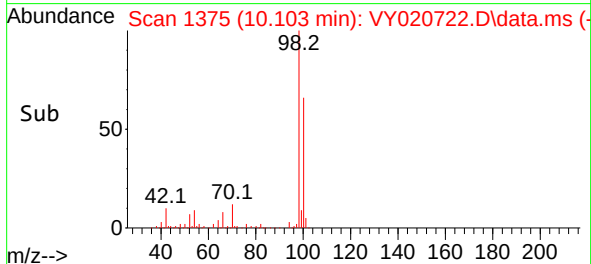
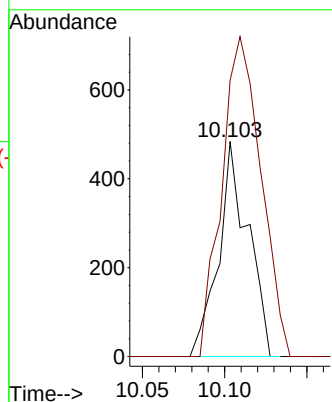
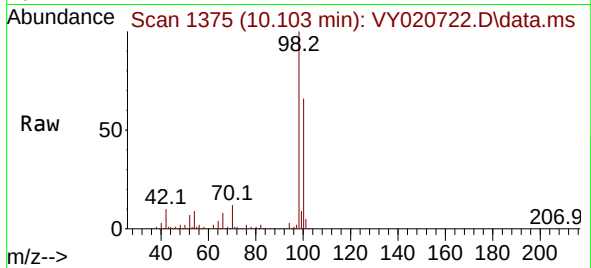




#51
4-Methyl-2-Pentanone
Concen: 1.643 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

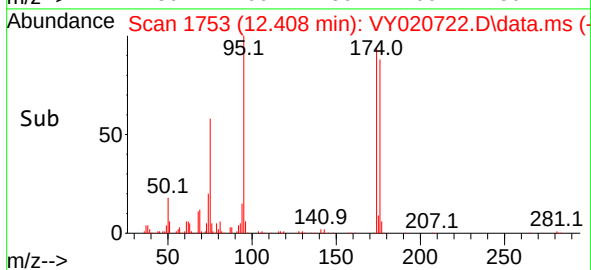
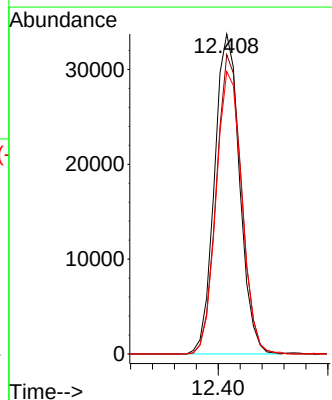
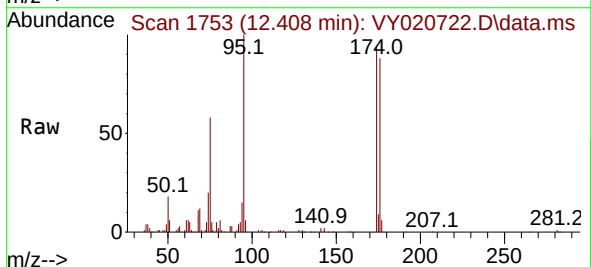
Instrument :
MSVOA_Y
ClientSampleId :

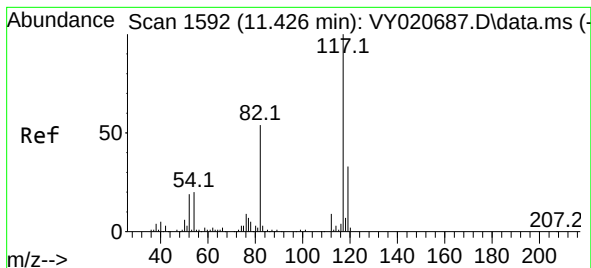
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 198.3 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 49.234 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 95 Resp: 53781
Ion Ratio Lower Upper
95 100
174 93.6 0.0 179.2
176 90.3 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

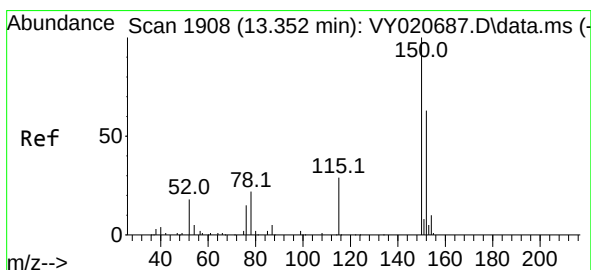
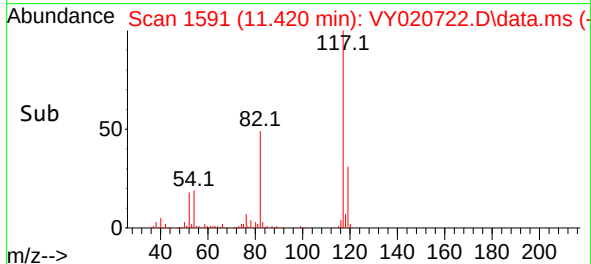
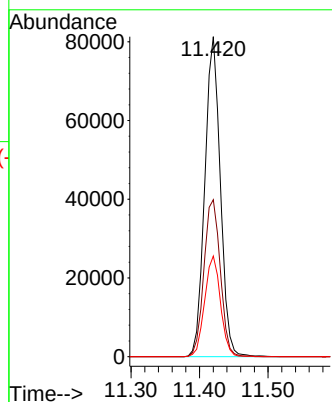
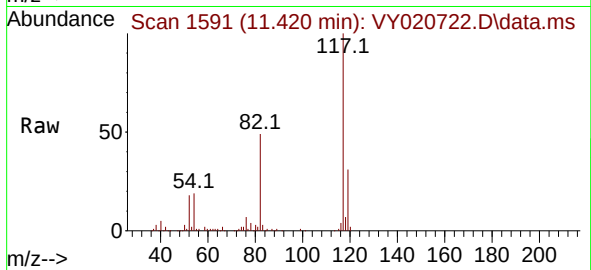
Tgt Ion:117 Resp: 128468

Ion Ratio Lower Upper

117 100

82 49.1 43.4 65.2

119 31.5 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

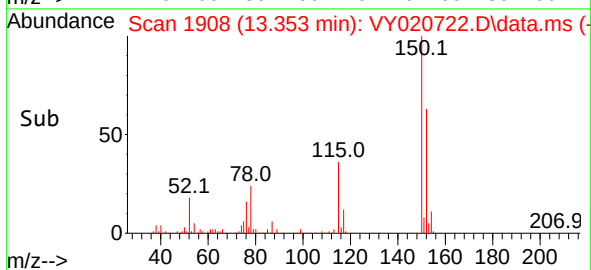
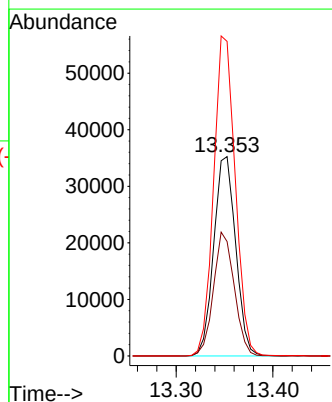
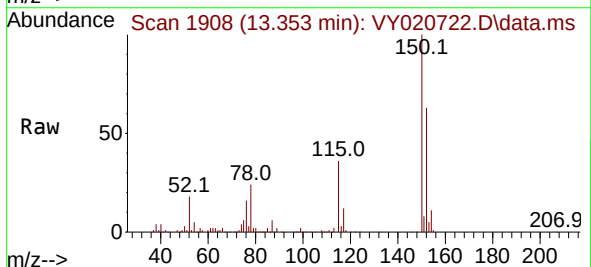
Tgt Ion:152 Resp: 55512

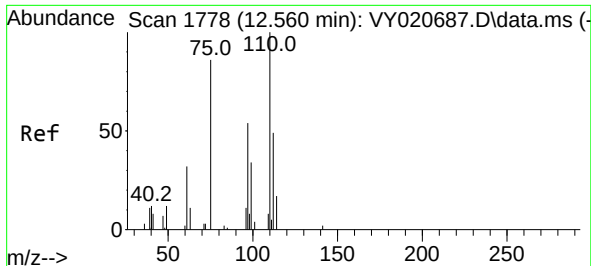
Ion Ratio Lower Upper

152 100

115 59.1 30.3 90.9

150 158.1 0.0 349.0

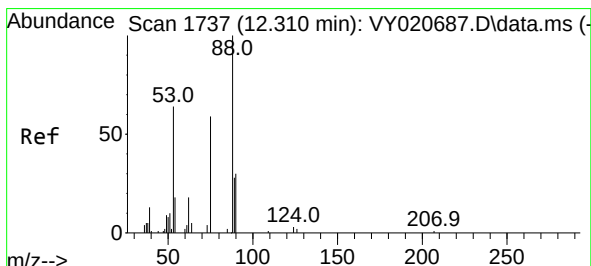
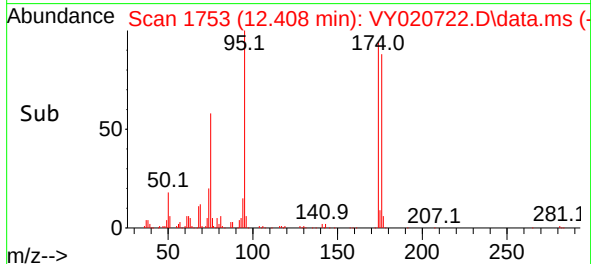
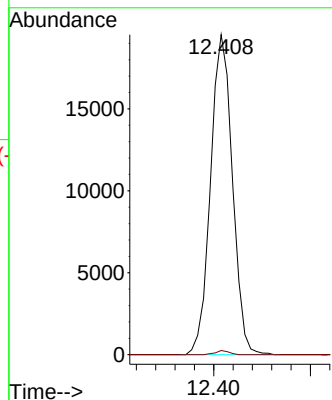
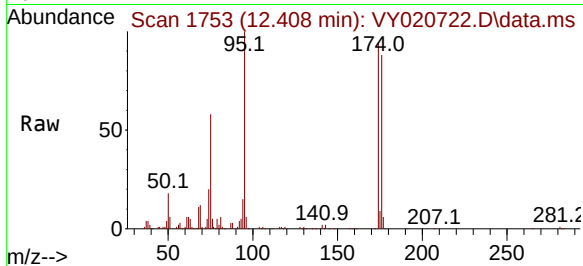




#76
1,2,3-Trichloropropane
Concen: 86.885 ug/l
RT: 12.408 min Scan# 1778
Delta R.T. -0.152 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30676
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.738 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 75 Resp: 30676
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.0 40.6 61.0#

