

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020738.D
 Acq On : 27 Dec 2024 14:47
 Operator : SY/MD
 Sample : P5362-01
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:03:16 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)

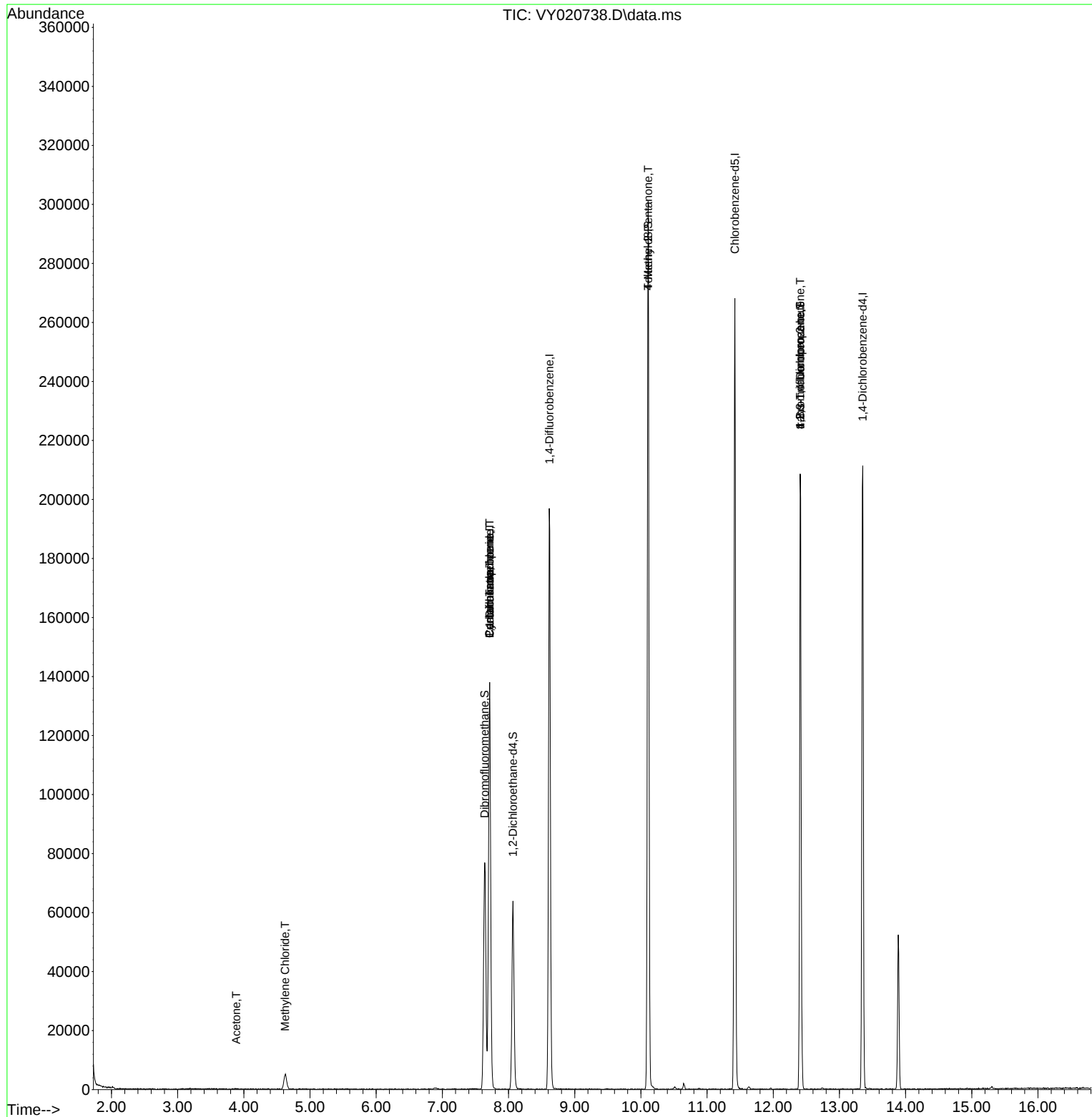
Internal Standards						
1) Pentafluorobenzene	7.713	168	105597	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	170705	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	143916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	57023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52789	61.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.060%	
35) Dibromofluoromethane	7.640	113	53520	56.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.109	98	196489	52.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.407	95	58828	47.078	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	478	4.356	ug/l	96
20) Methylene Chloride	4.622	84	4057	5.685	ug/l	96
31) Cyclohexane	7.713	56	2083	1.875	ug/l #	44
36) 1,1-Dichloropropene	7.713	75	7357	5.923	ug/l #	50
38) Carbon Tetrachloride	7.713	117	10916	5.337	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	749	1.784	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	32464	89.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	32464	176.932	ug/l #	8

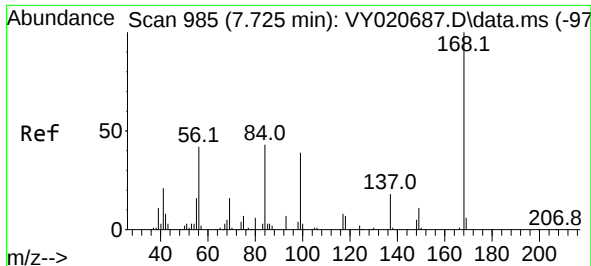
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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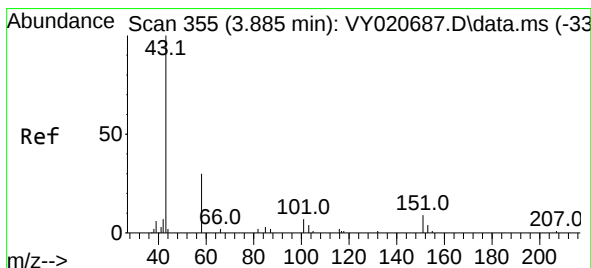
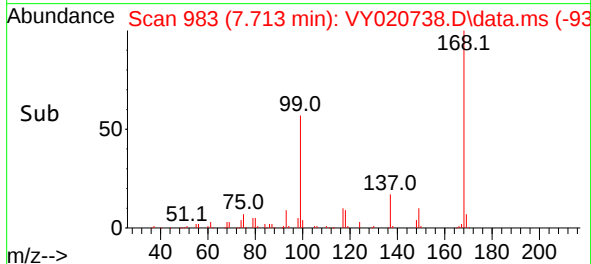
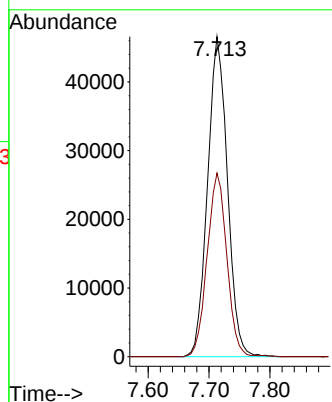
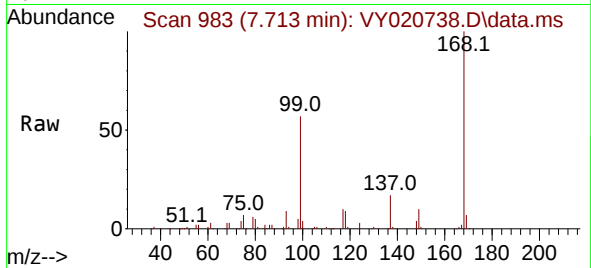




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

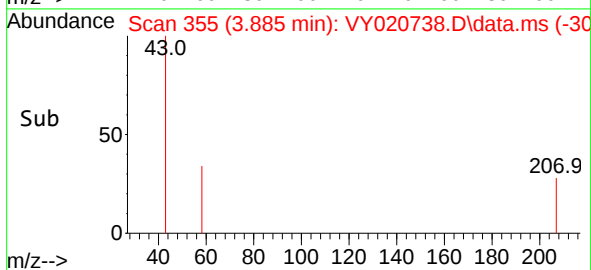
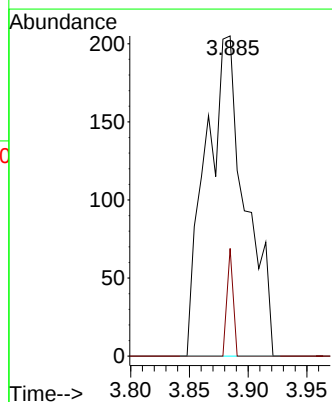
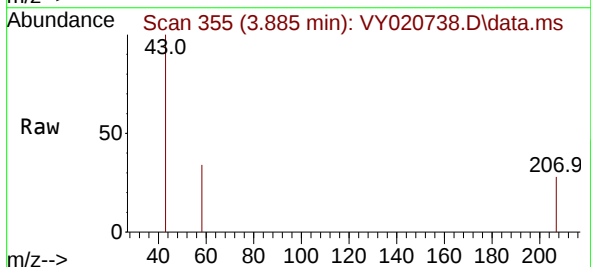
Instrument :
MSVOA_Y
ClientSampleId :

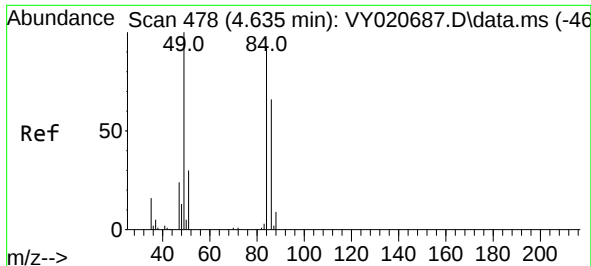
Tgt Ion:168 Resp: 105597
Ion Ratio Lower Upper
168 100
99 57.3 43.8 65.6



#16
Acetone
Concen: 4.356 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

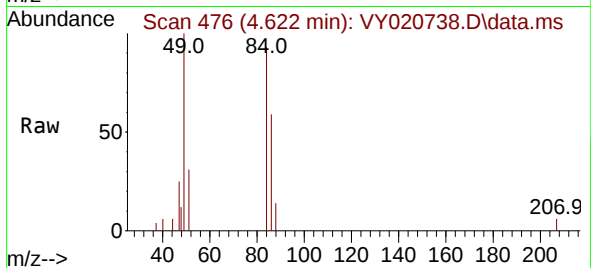
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 33.7 25.0 37.6



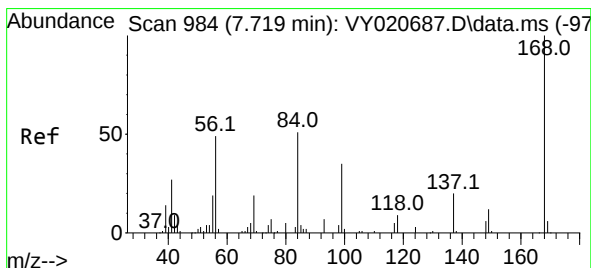
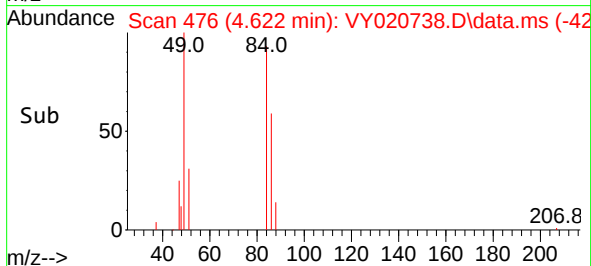
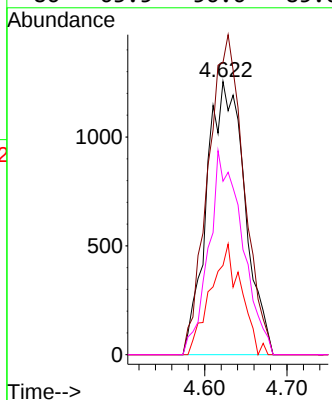


#20
Methylene Chloride
Concen: 5.685 ug/l
RT: 4.622 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Instrument :
MSVOA_Y
ClientSampleId :

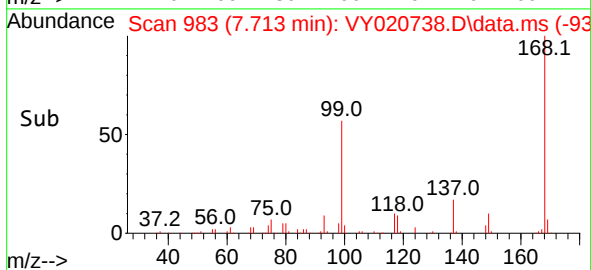
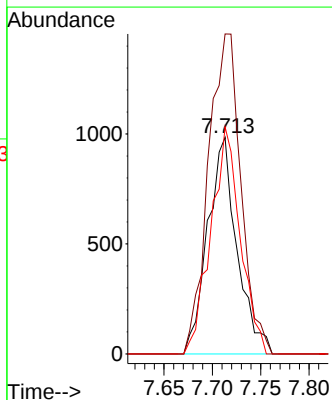
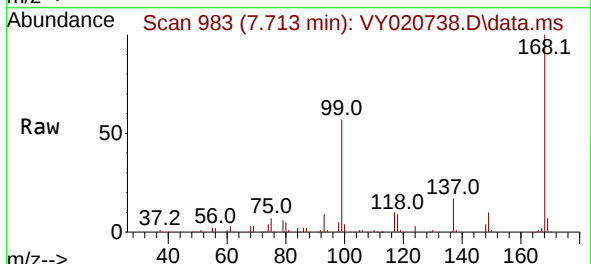


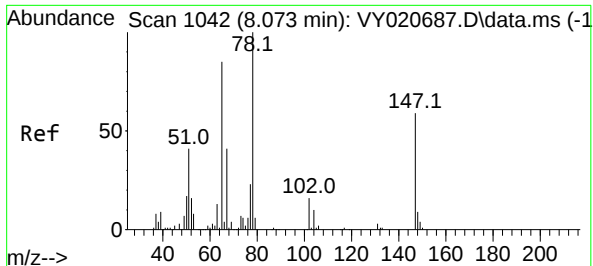
Tgt Ion:	84	Resp:	4057
Ion	Ratio	Lower	Upper
84	100		
49	107.0	86.4	129.6
51	32.7	25.5	38.3
86	63.5	56.6	85.0



#31
Cyclohexane
Concen: 1.875 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion:	56	Resp:	2083
Ion	Ratio	Lower	Upper
56	100		
69	147.9	31.3	46.9#
84	115.9	83.9	125.9





#33

1,2-Dichloroethane-d4

Concen: 61.032 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

Instrument :

MSVOA_Y

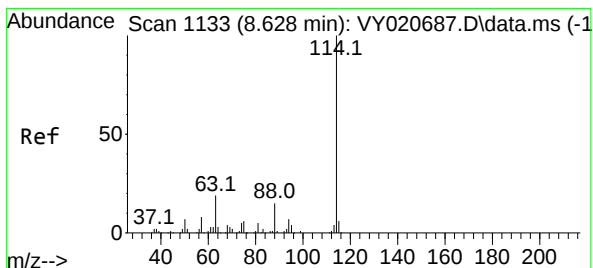
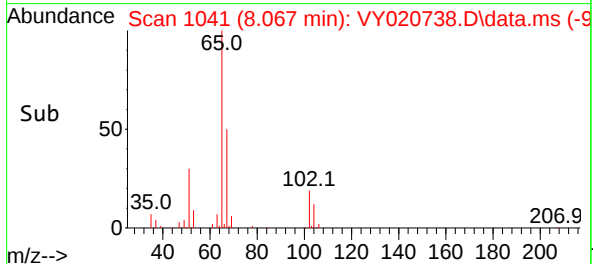
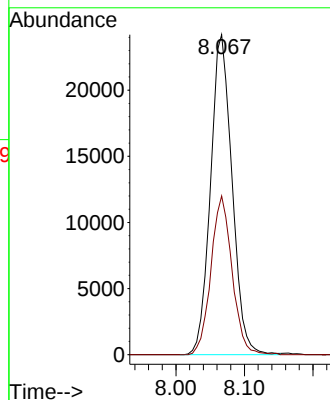
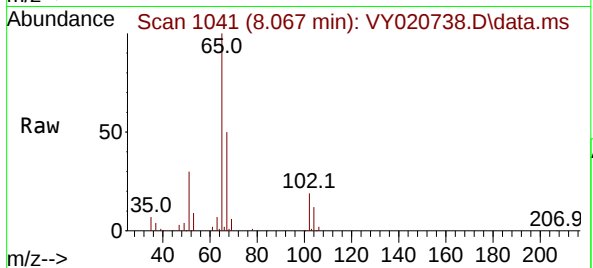
ClientSampleId :

Tgt Ion: 65 Resp: 52789

Ion Ratio Lower Upper

65 100

67 48.7 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.013 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

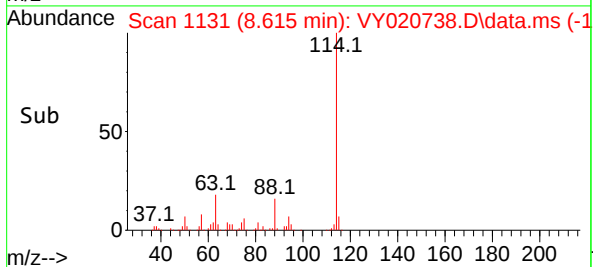
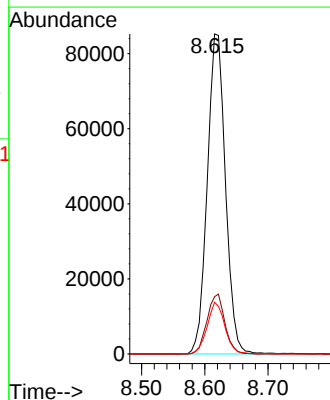
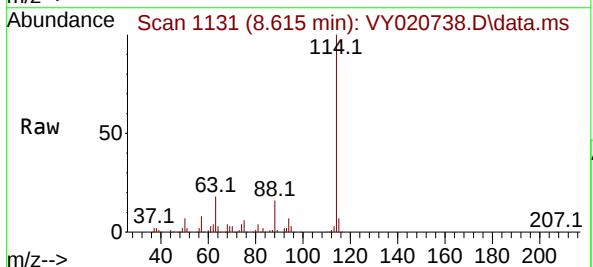
Tgt Ion:114 Resp: 170705

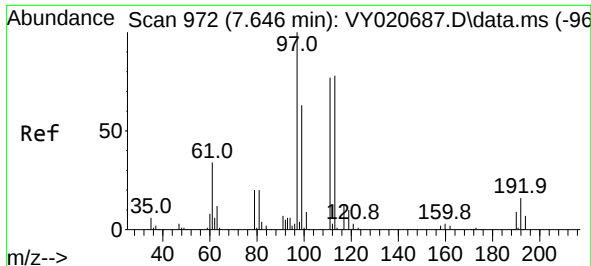
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 16.2 0.0 30.4

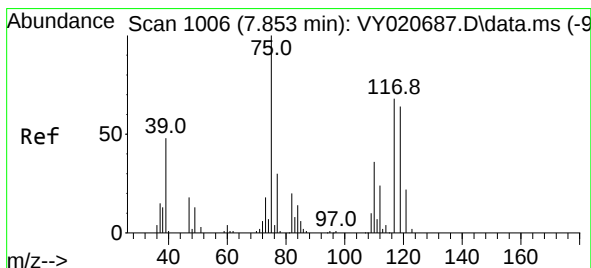
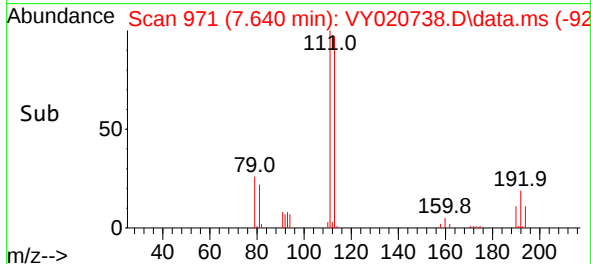
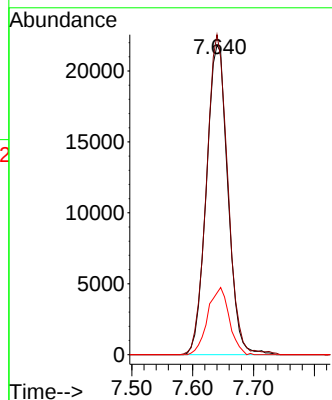
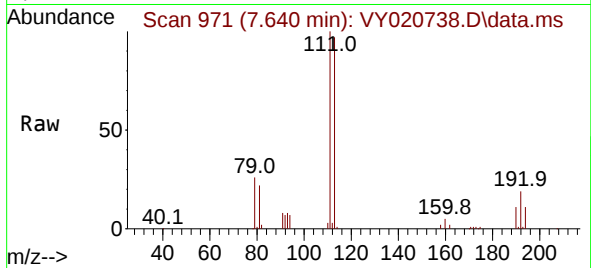




#35
Dibromofluoromethane
Concen: 56.920 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

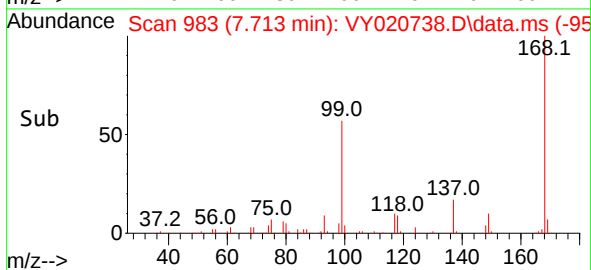
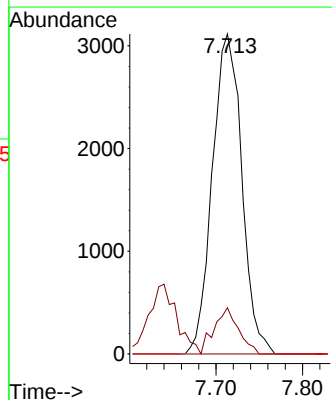
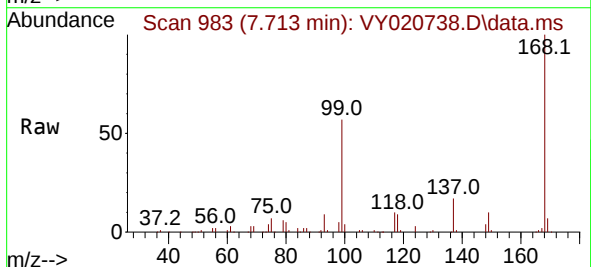
Instrument :
MSVOA_Y
ClientSampleId :

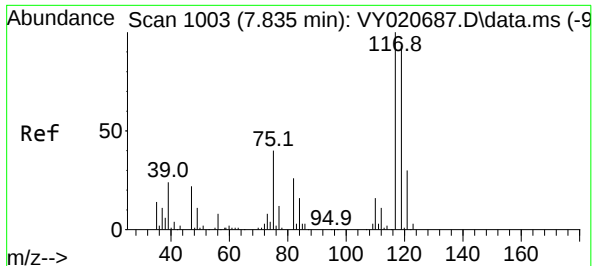
Tgt Ion:113 Resp: 53520
Ion Ratio Lower Upper
113 100
111 102.3 79.8 119.8
192 21.7 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.923 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.140 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

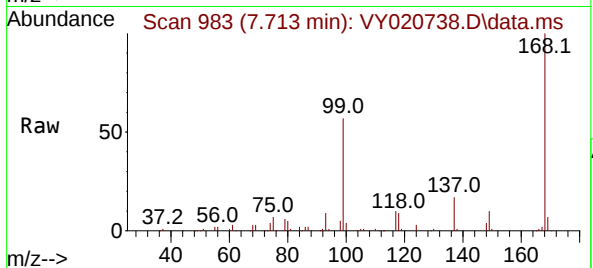
Tgt Ion: 75 Resp: 7357
Ion Ratio Lower Upper
75 100
110 11.9 19.6 58.7#
77 0.0 25.1 37.7#



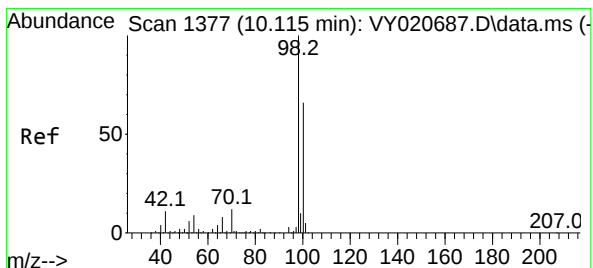
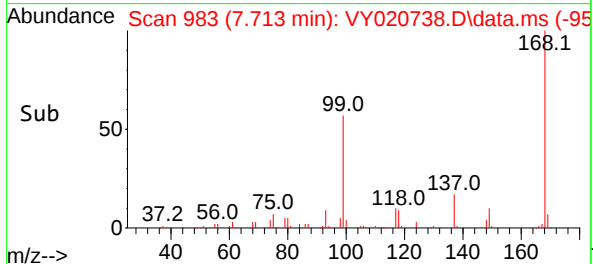
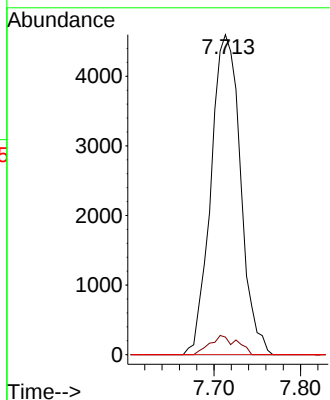


#38
Carbon Tetrachloride
Concen: 5.337 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Instrument :
MSVOA_Y
ClientSampleId :

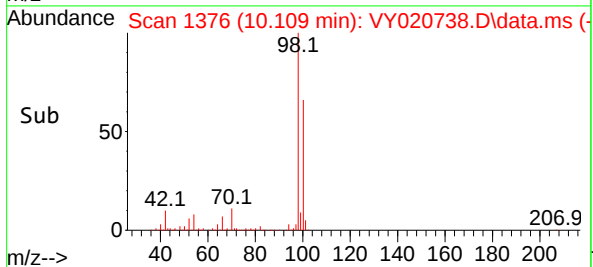
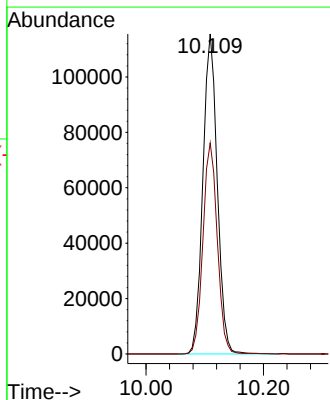
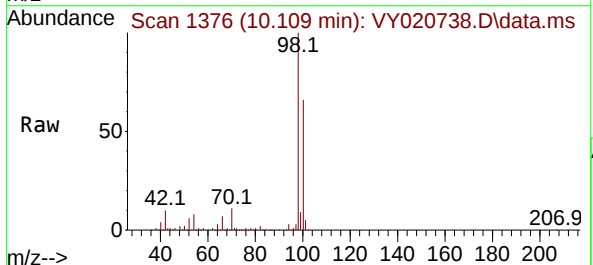


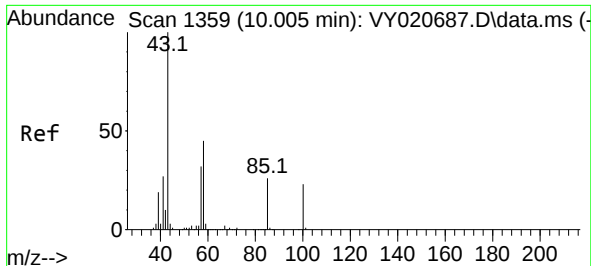
Tgt Ion:117 Resp: 10916
Ion Ratio Lower Upper
117 100
119 5.5 74.4 111.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.462 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion: 98 Resp: 196489
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

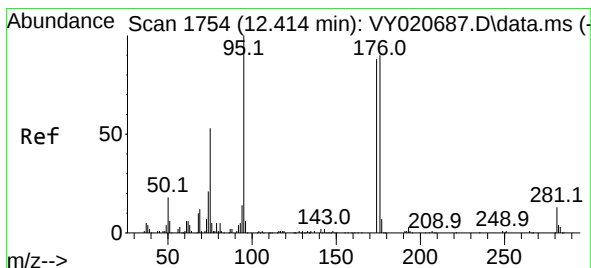
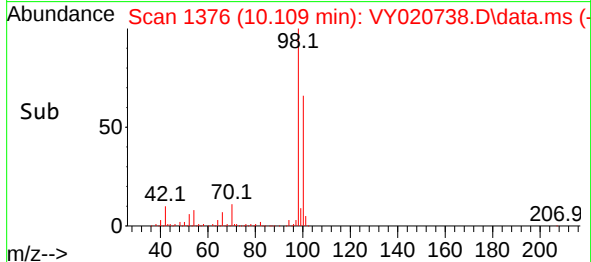
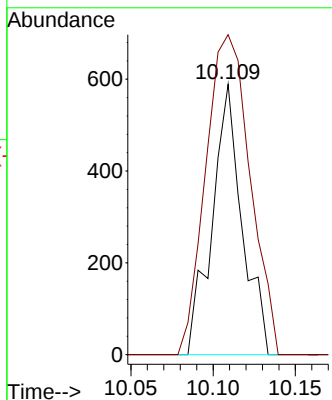
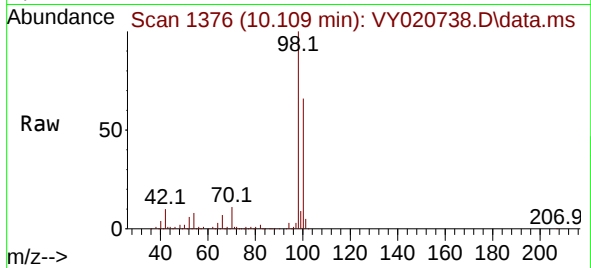




#51
4-Methyl-2-Pentanone
Concen: 1.784 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

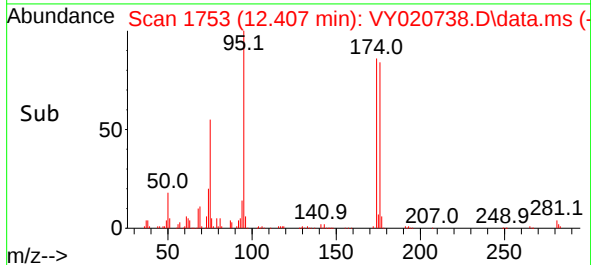
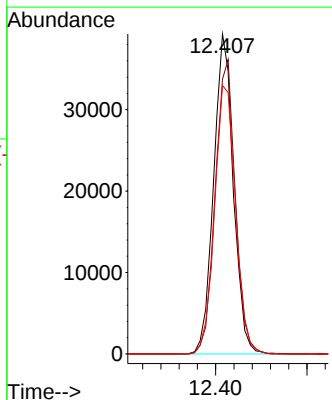
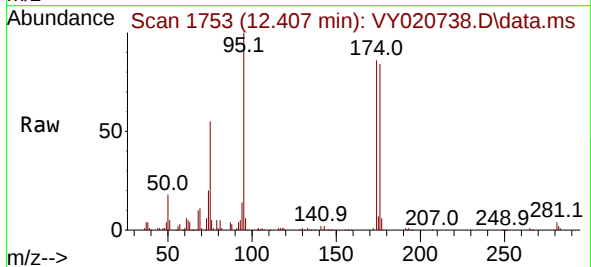
Instrument :
MSVOA_Y
ClientSampleId :

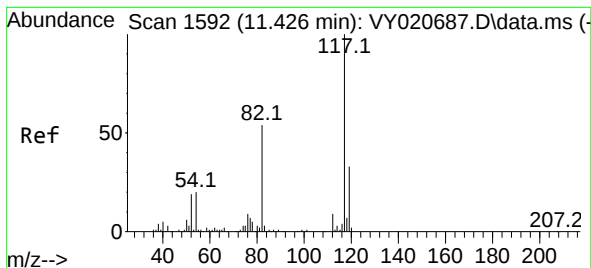
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 175.2 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 47.078 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion: 95 Resp: 58828
Ion Ratio Lower Upper
95 100
174 93.7 0.0 179.2
176 89.6 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

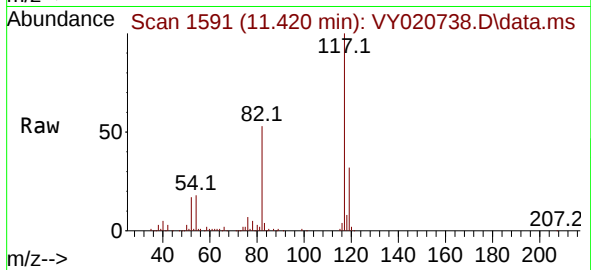
Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :



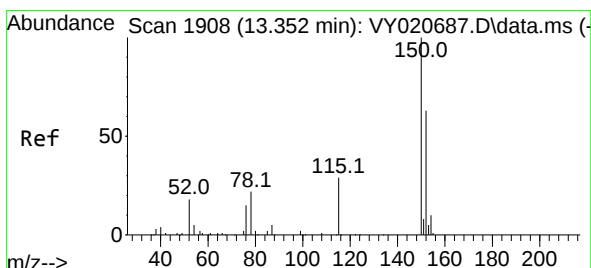
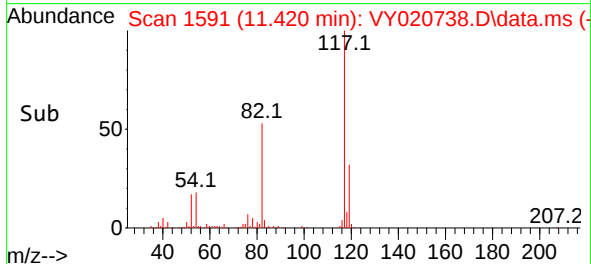
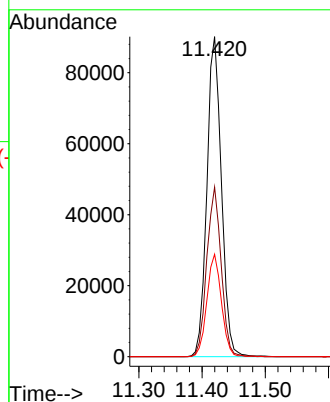
Tgt Ion:117 Resp: 143916

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.2

119 32.0 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020738.D

Acq: 27 Dec 2024 14:47

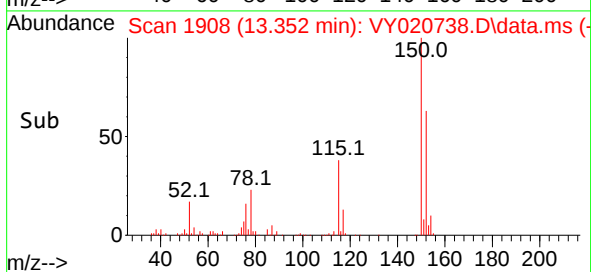
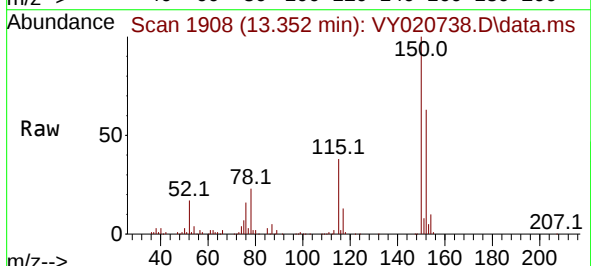
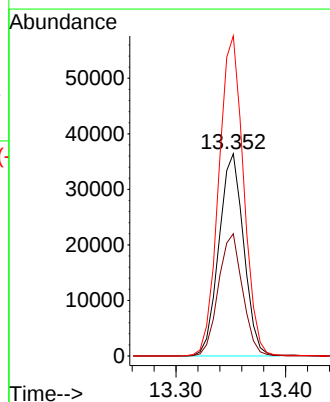
Tgt Ion:152 Resp: 57023

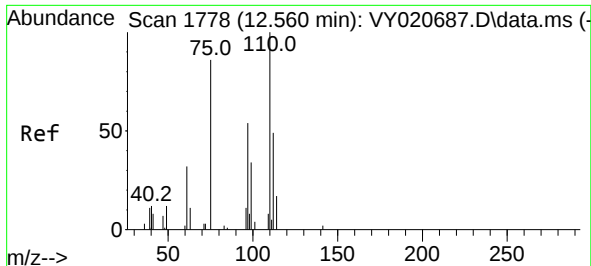
Ion Ratio Lower Upper

152 100

115 59.2 30.3 90.9

150 159.2 0.0 349.0

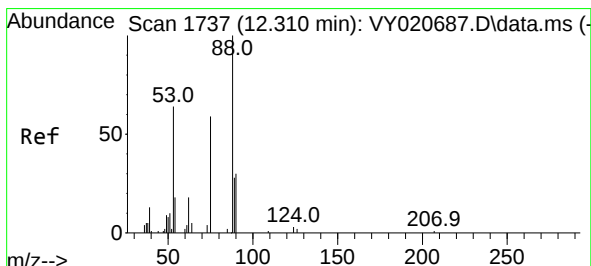
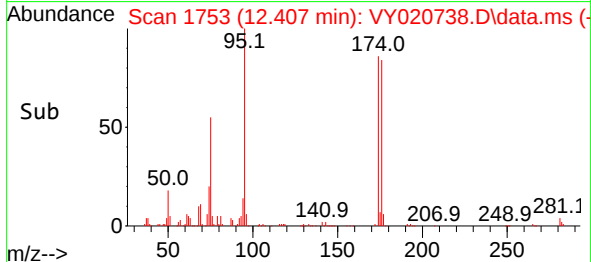
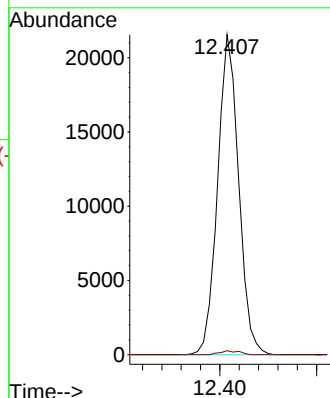
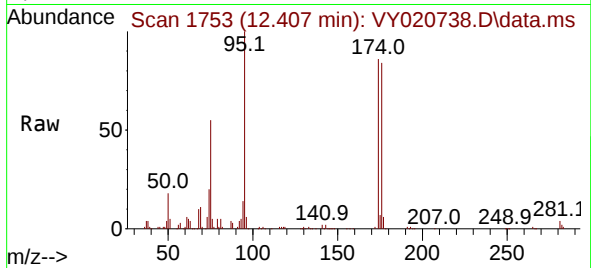




#76
1,2,3-Trichloropropane
Concen: 89.513 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32464
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 176.932 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.097 min
Lab File: VY020738.D
Acq: 27 Dec 2024 14:47

Tgt Ion: 75 Resp: 32464
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.0 40.6 61.0#

