

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008297.D
 Acq On : 12 Apr 2022 18:53
 Operator : KP/MD
 Sample : N2360-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-041122-A

Quant Time: Apr 13 08:17:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	24572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	39113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	14255	61.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.520%
35) Dibromofluoromethane	7.715	113	13943	55.108	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.220%
50) Toluene-d8	10.178	98	51468	59.449	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.900%
62) 4-Bromofluorobenzene	12.483	95	16290	50.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.060%

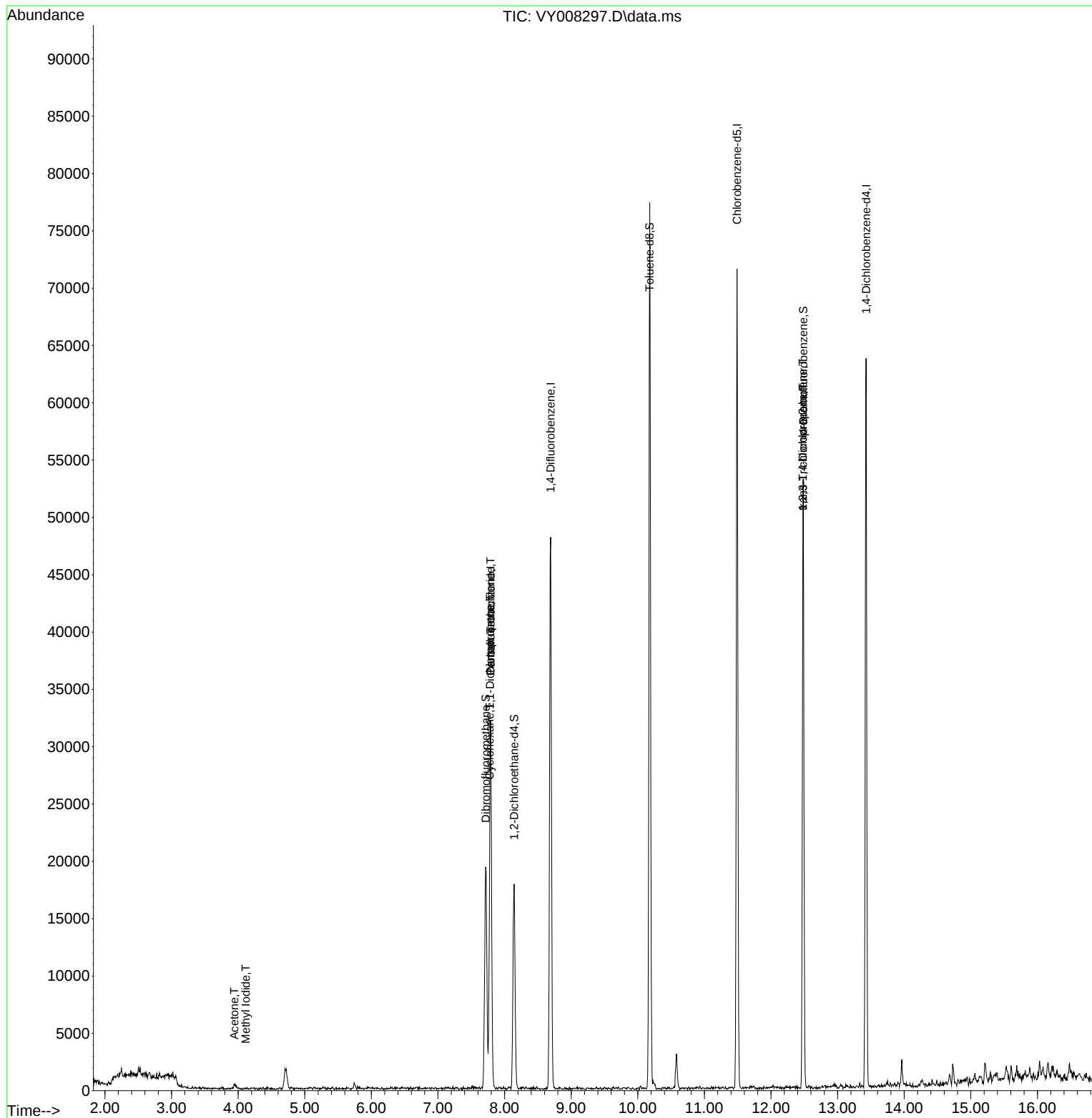
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.113	50	21	Below Cal	#	44
5) Bromomethane	2.668	94	138	Below Cal		100
10) Methyl Iodide	4.112	142	19	2.451	ug/l #	35
16) Acetone	3.942	43	785	14.140	ug/l	96
20) Methylene Chloride	4.704	84	863	Below Cal	#	85
31) Cyclohexane	7.776	56	476	1.140	ug/l #	2
36) 1,1-Dichloropropene	7.782	75	2006	4.965	ug/l #	49
38) Carbon Tetrachloride	7.789	117	2605	5.993	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	8791	48.729	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8791	109.029	ug/l #	7

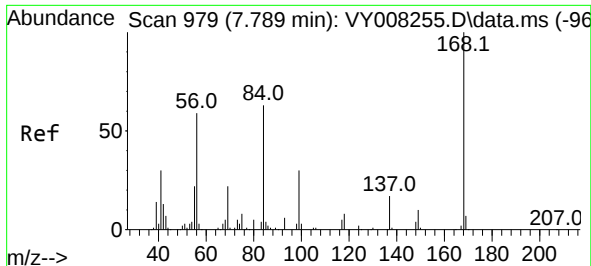
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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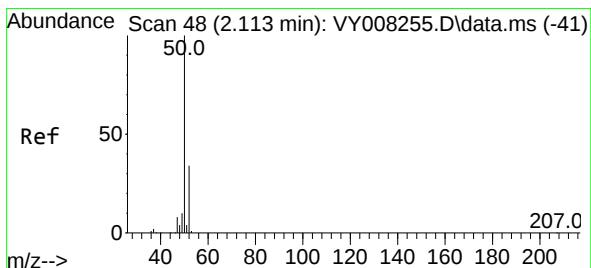
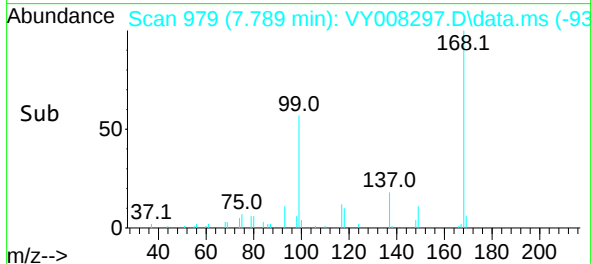
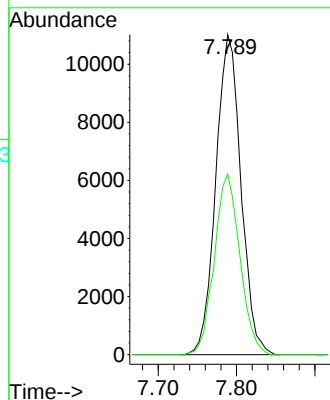
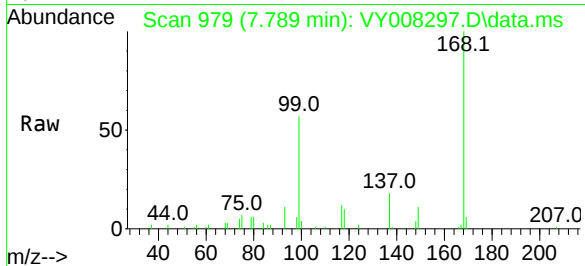




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

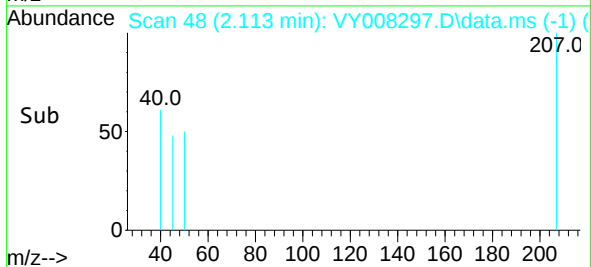
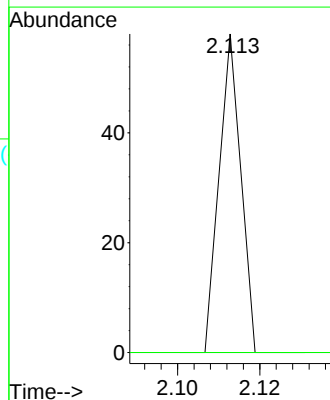
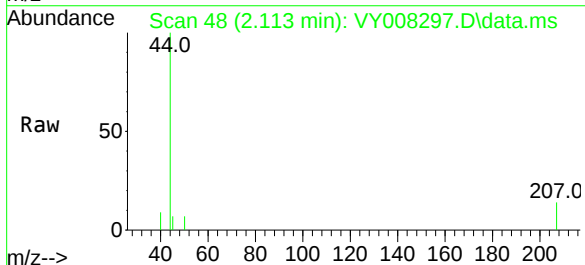
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

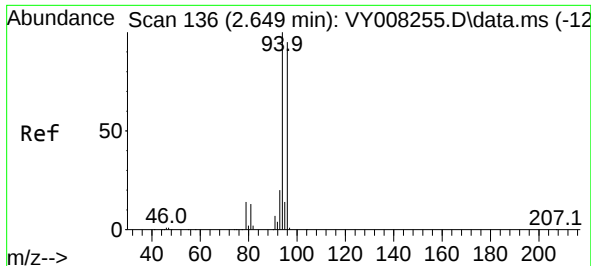
Tgt Ion:168 Resp: 24572
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion: 50 Resp: 21
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

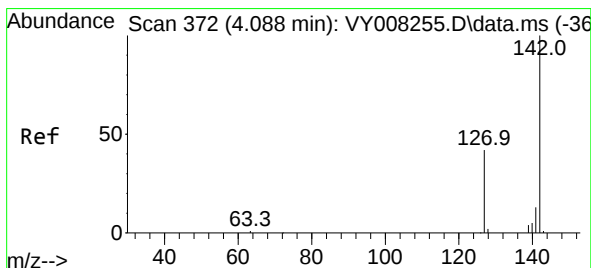
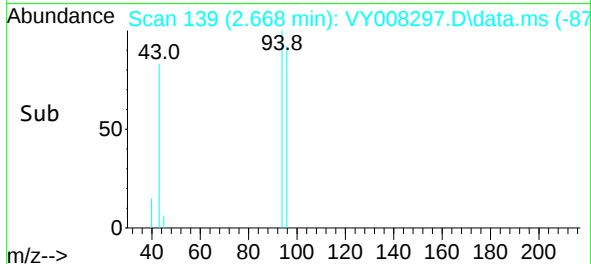
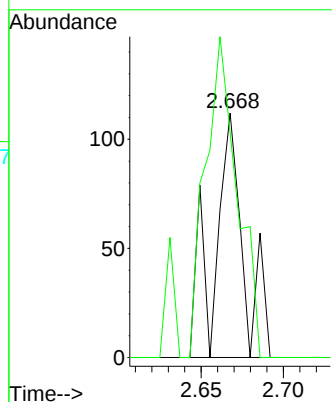
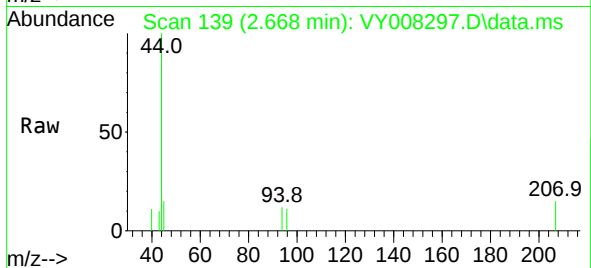




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

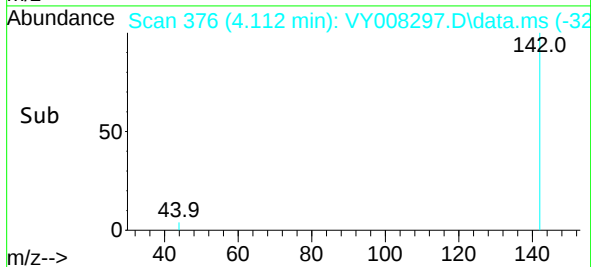
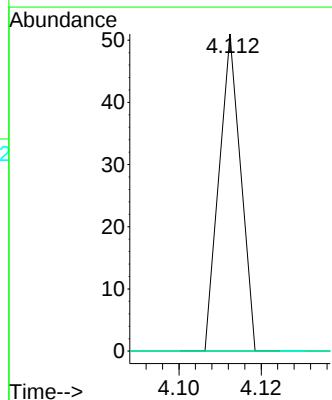
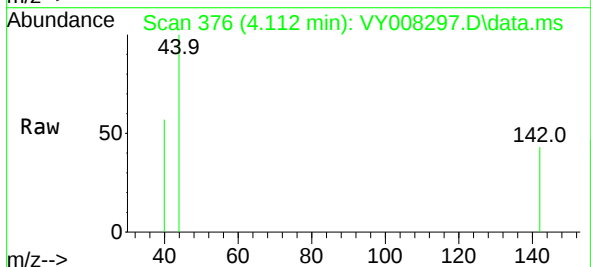
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

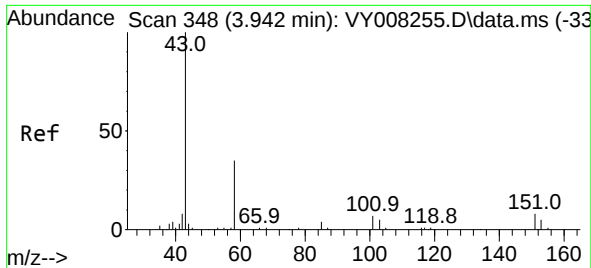
Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#10
Methyl Iodide
Concen: 2.451 ug/l
RT: 4.112 min Scan# 376
Delta R.T. 0.024 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion: 142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

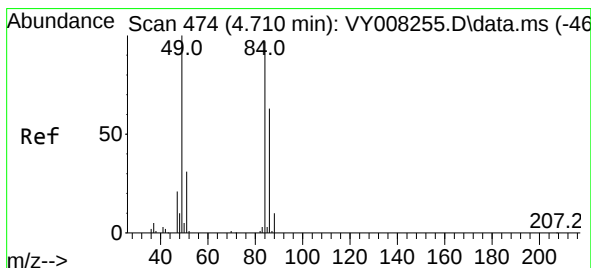
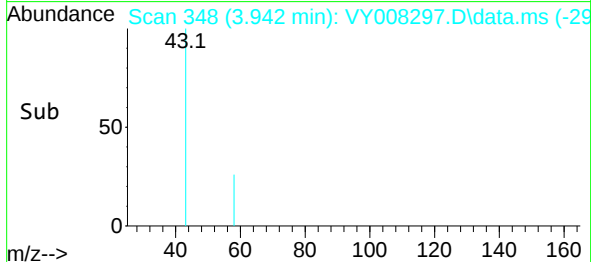
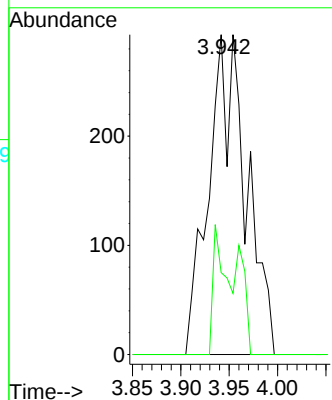
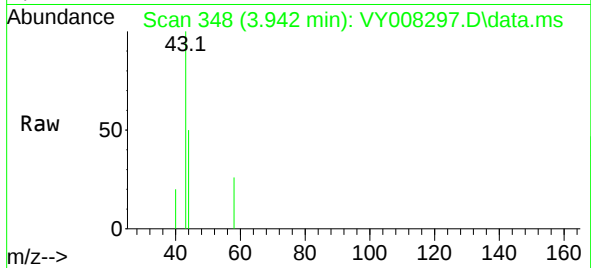




#16
Acetone
Concen: 14.140 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

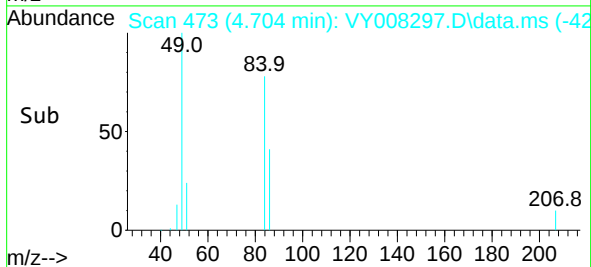
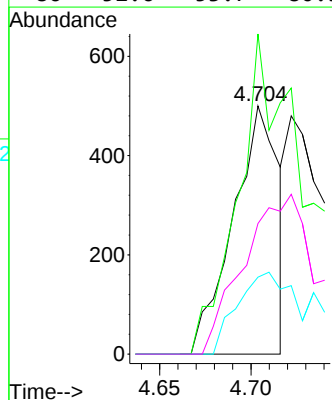
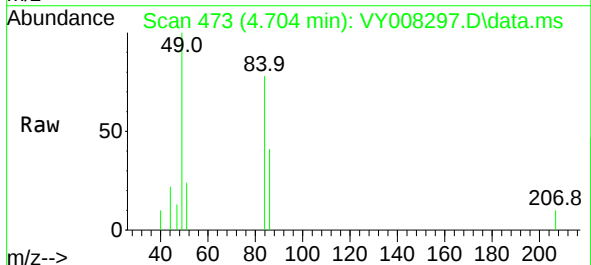
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

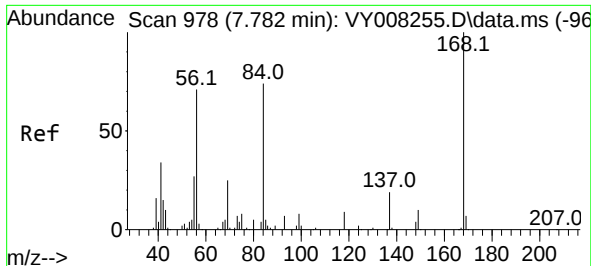
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

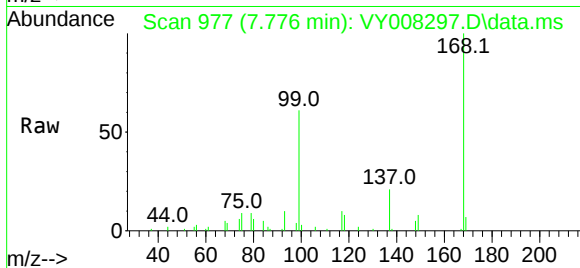
Tgt Ion: 84 Resp: 863
Ion Ratio Lower Upper
84 100
49 129.0 114.4 171.6
51 31.0 35.3 52.9#
86 52.6 53.7 80.5#



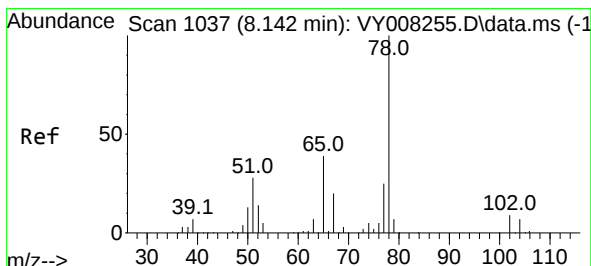
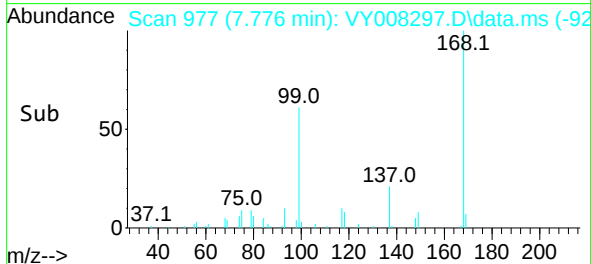
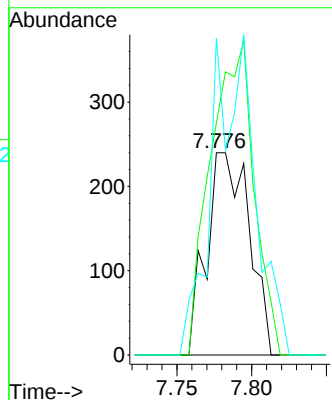


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

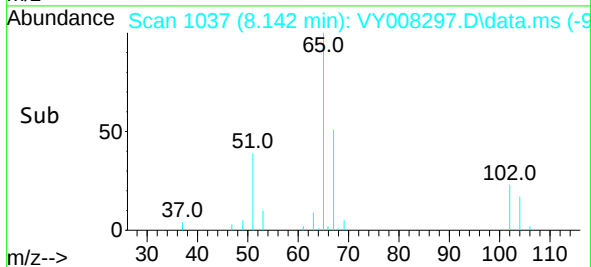
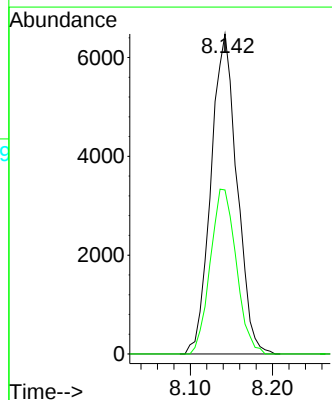
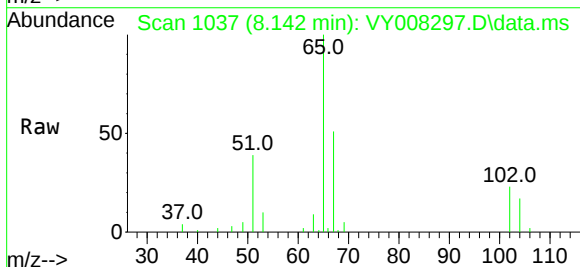


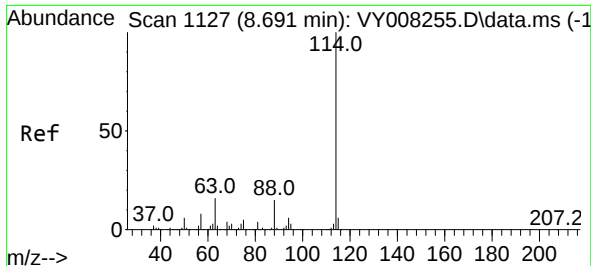
Tgt Ion: 56 Resp: 476
Ion Ratio Lower Upper
56 100
69 114.6 26.7 40.1#
84 156.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.761 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion: 65 Resp: 14255
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008297.D

Acq: 12 Apr 2022 18:53

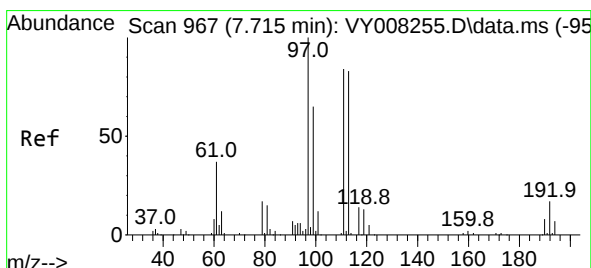
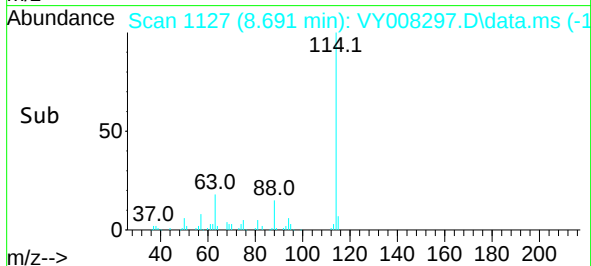
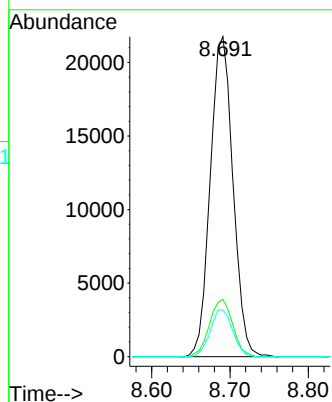
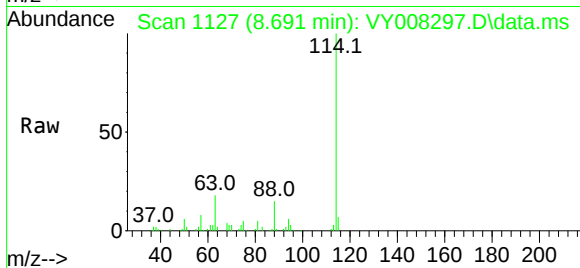
Instrument :

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ClientSampleId :

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Tgt Ion:114	Resp:	43805
Ion	Ratio	Lower Upper
114	100	
63	17.9	0.0 43.2
88	14.7	0.0 31.8



#35

Dibromofluoromethane

Concen: 55.108 ug/l

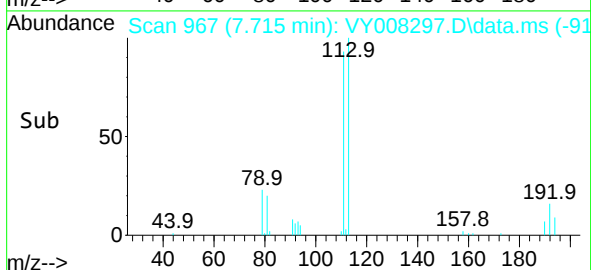
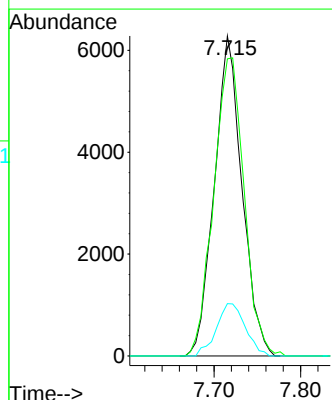
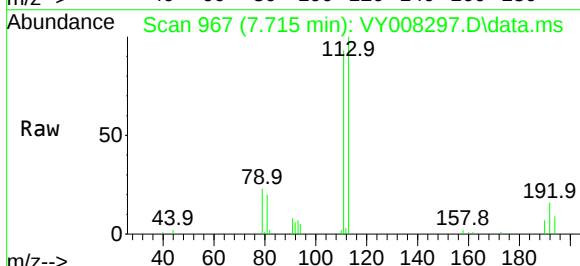
RT: 7.715 min Scan# 967

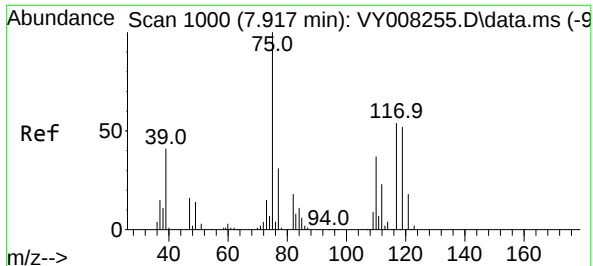
Delta R.T. 0.000 min

Lab File: VY008297.D

Acq: 12 Apr 2022 18:53

Tgt Ion:113	Resp:	13943
Ion	Ratio	Lower Upper
113	100	
111	102.5	82.6 124.0
192	17.1	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.965 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.135 min

Lab File: VY008297.D

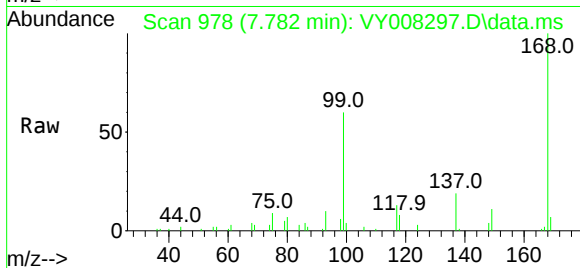
Acq: 12 Apr 2022 18:53

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-041122-A



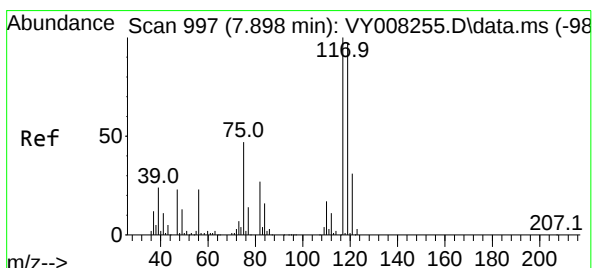
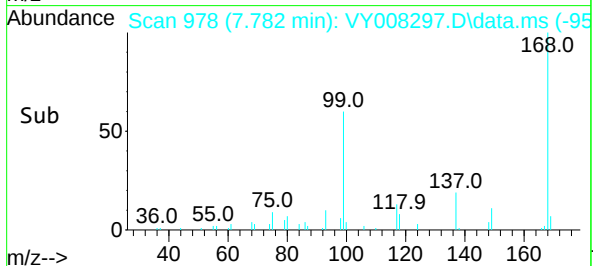
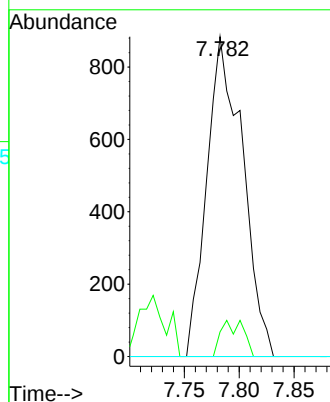
Tgt Ion: 75 Resp: 2006

Ion Ratio Lower Upper

75 100

110 7.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.993 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY008297.D

Acq: 12 Apr 2022 18:53

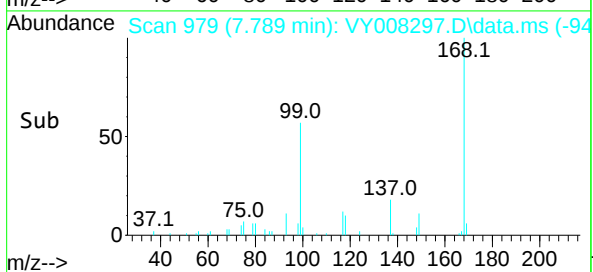
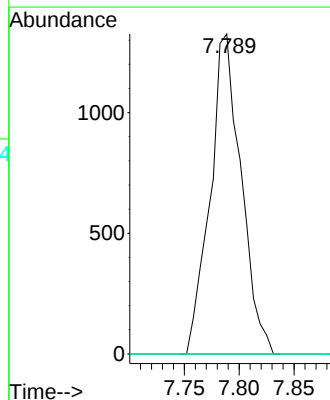
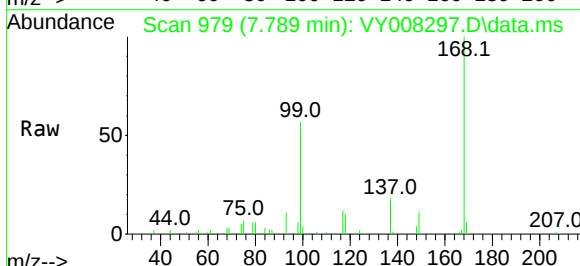
Tgt Ion: 117 Resp: 2605

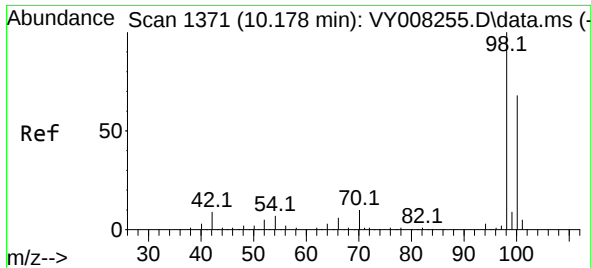
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

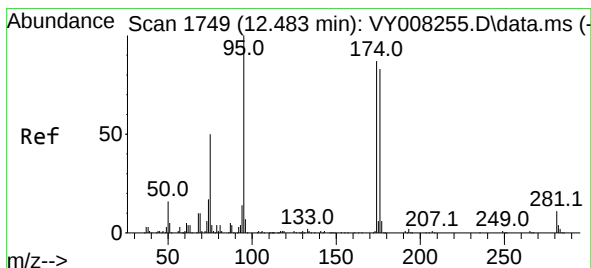
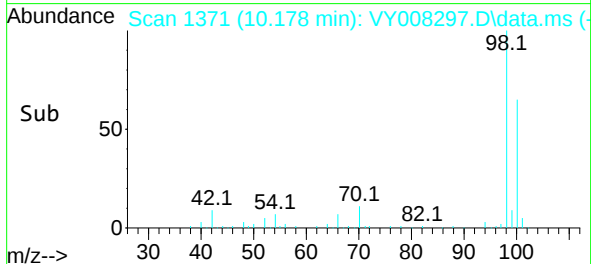
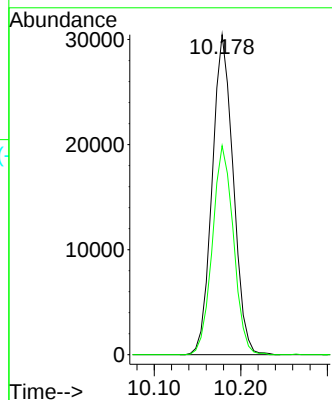
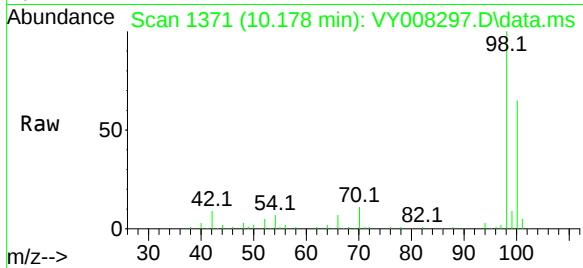




#50
Toluene-d8
Concen: 59.449 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

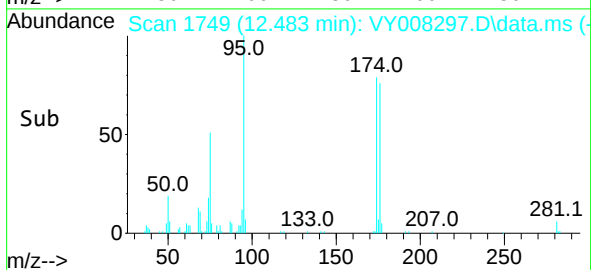
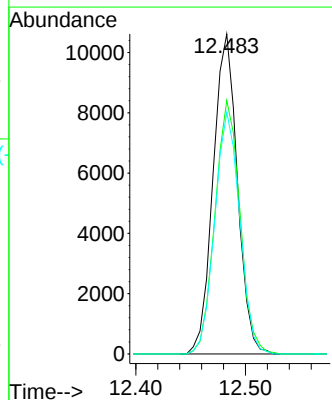
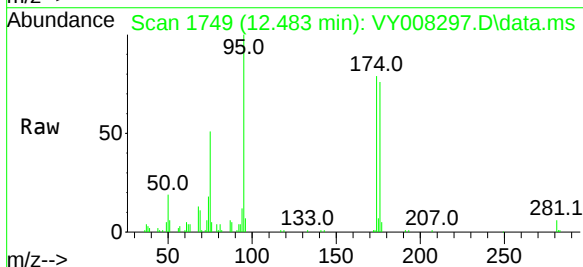
Instrument :
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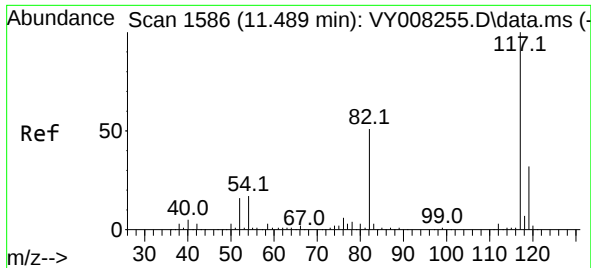
Tgt Ion: 98 Resp: 51468
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.026 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion: 95 Resp: 16290
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 77.9 0.0 175.8

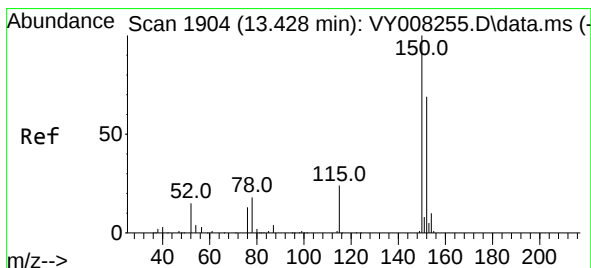
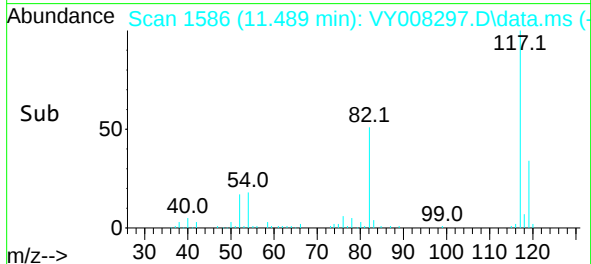
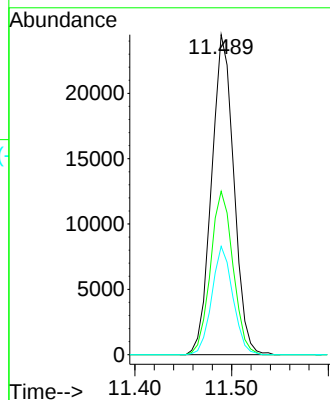
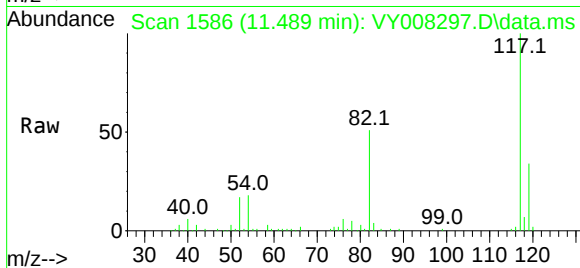




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

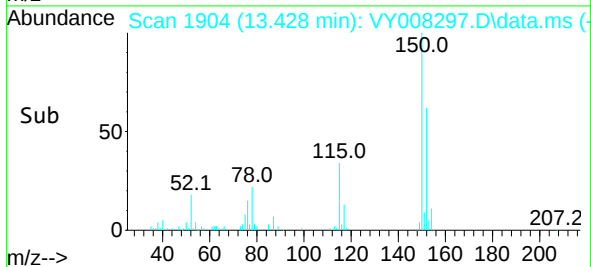
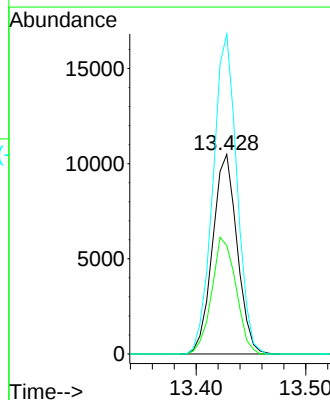
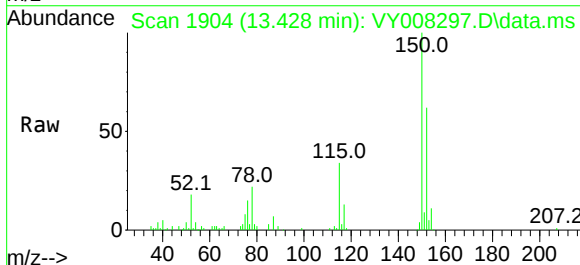
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

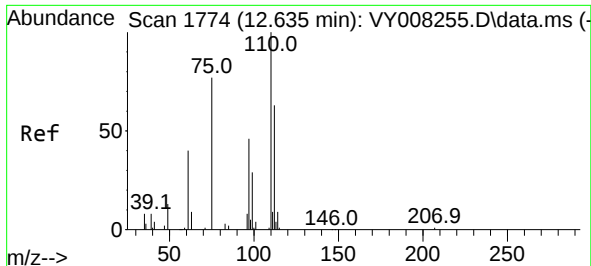
Tgt Ion:117 Resp: 39113
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 33.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion:152 Resp: 16312
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 156.2 0.0 347.6

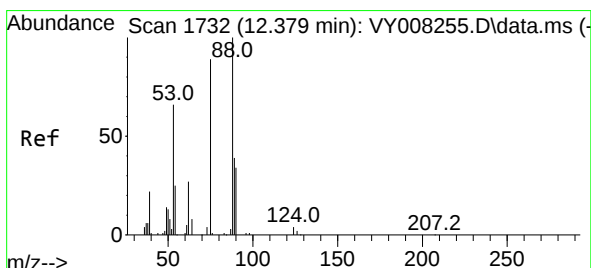
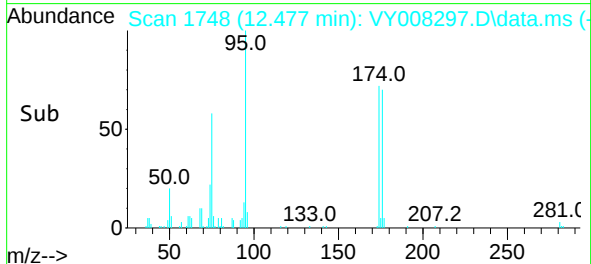
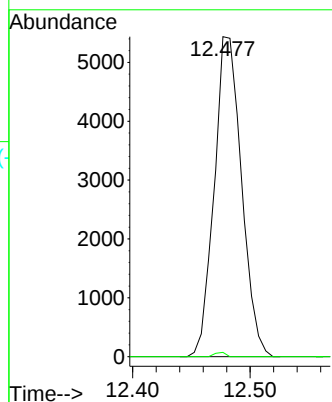
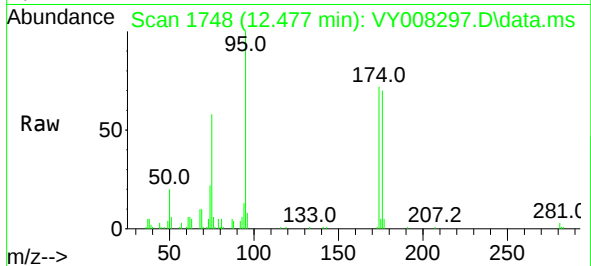




#76
1,2,3-Trichloropropane
Concen: 48.729 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-A

Tgt Ion: 75 Resp: 8791
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.029 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008297.D
Acq: 12 Apr 2022 18:53

Tgt Ion: 75 Resp: 8791
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

