

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006799.D
 Acq On : 17 Nov 2021 20:13
 Operator : SY/MD
 Sample : M4708-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-111621RE

Quant Time: Nov 18 03:04:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

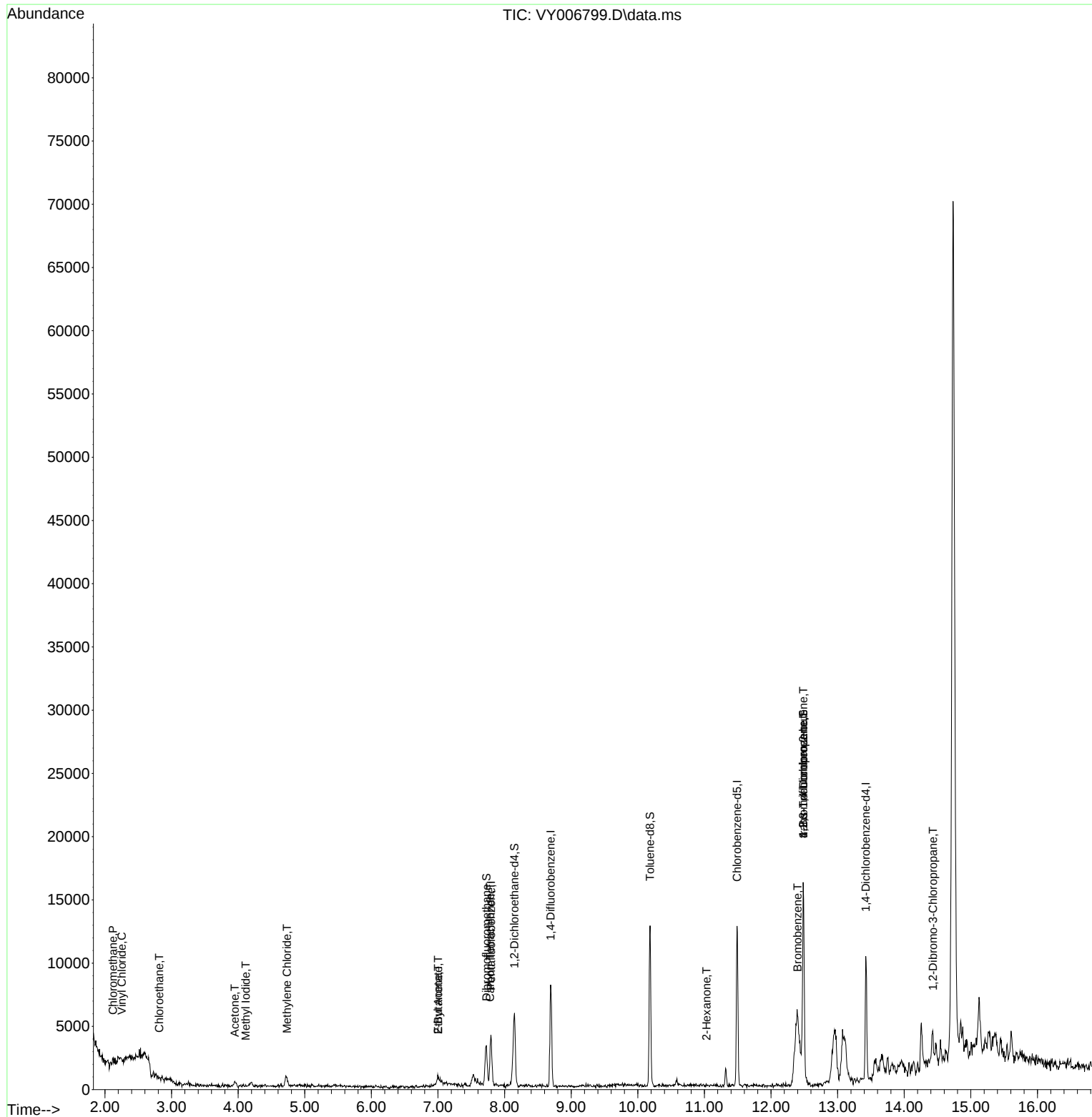
Internal Standards						
1) Pentafluorobenzene	7.795	168	3069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6508	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	7234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4151	103.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.400%#	
35) Dibromofluoromethane	7.728	113	2196	54.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.185	98	8313	50.254	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.483	95	3010	53.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	55	1.240	ug/l #	43
4) Vinyl Chloride	2.253	62	165	3.665	ug/l #	44
6) Chloroethane	2.814	64	257	9.332	ug/l #	45
10) Methyl Iodide	4.113	142	65	1.736	ug/l #	36
16) Acetone	3.948	43	664	54.333	ug/l #	80
20) Methylene Chloride	4.735	84	585	13.545	ug/l #	75
25) 2-Butanone	7.003	43	65	14.990	ug/l #	52
37) Ethyl Acetate	7.003	43	65	1.374	ug/l #	72
38) Carbon Tetrachloride	7.783	117	168	2.322	ug/l #	12
59) 2-Hexanone	11.032	43	19	24.317	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	1584	50.977	ug/l #	100
77) Bromobenzene	12.398	156	9589	193.455	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	1584	101.010	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.434	75	21	2.950	ug/l #	5

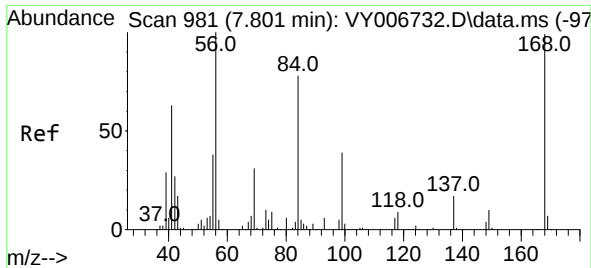
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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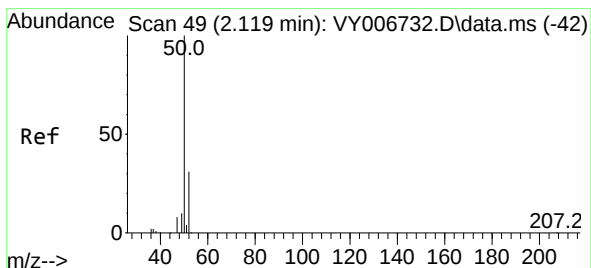
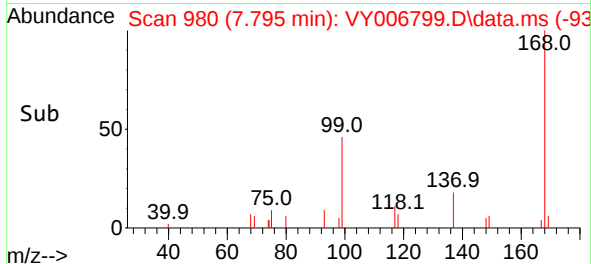
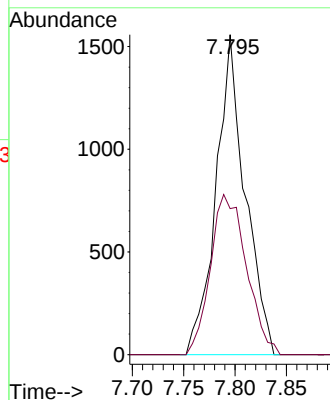
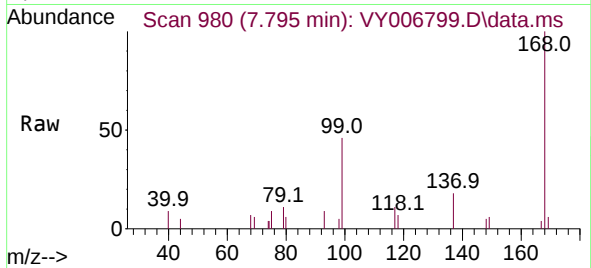




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

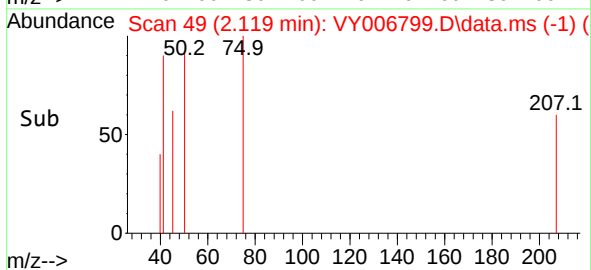
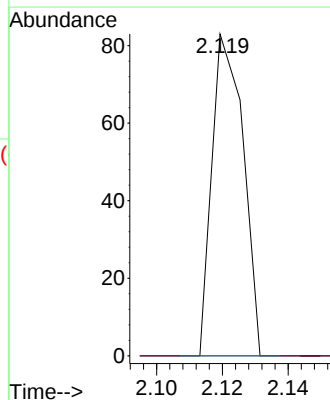
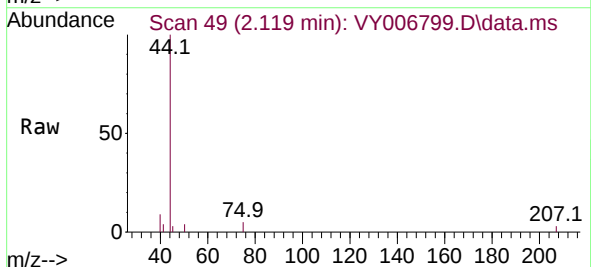
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

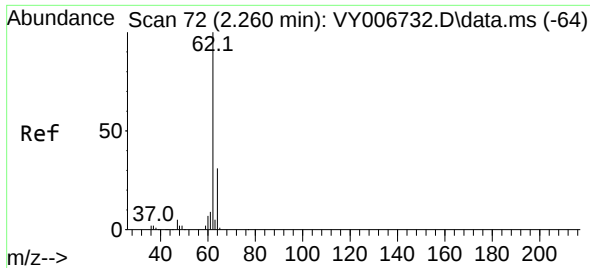
Tgt Ion:168 Resp: 3069
Ion Ratio Lower Upper
168 100
99 45.6 44.8 67.2



#3
Chloromethane
Concen: 1.240 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion: 50 Resp: 55
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

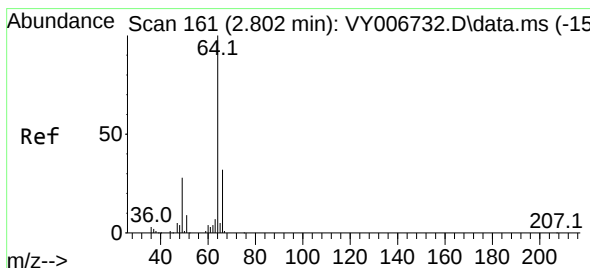
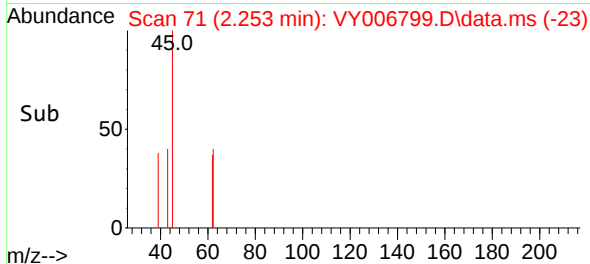
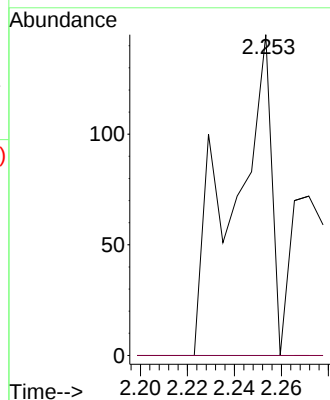
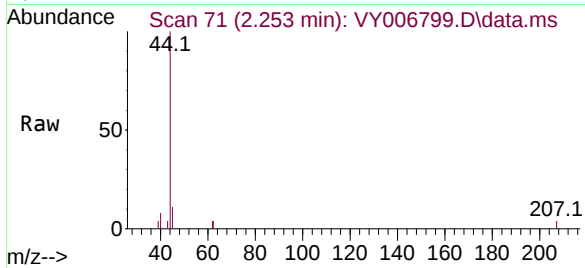




#4
 Vinyl Chloride
 Concen: 3.665 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY006799.D
 Acq: 17 Nov 2021 20:13

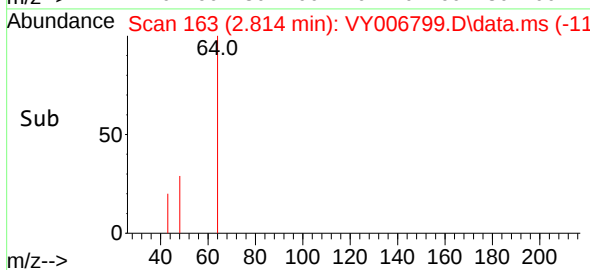
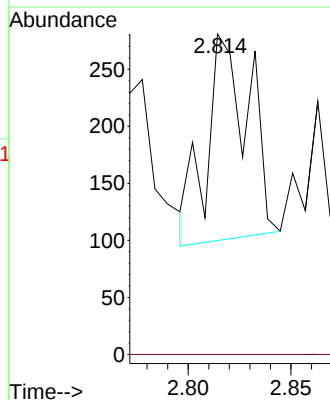
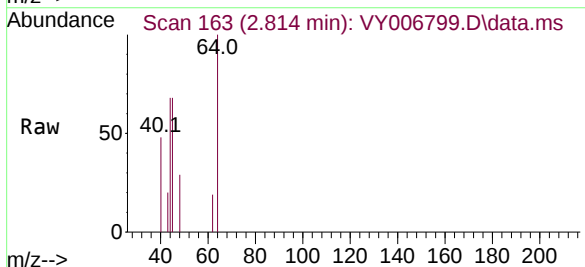
Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-111621RE

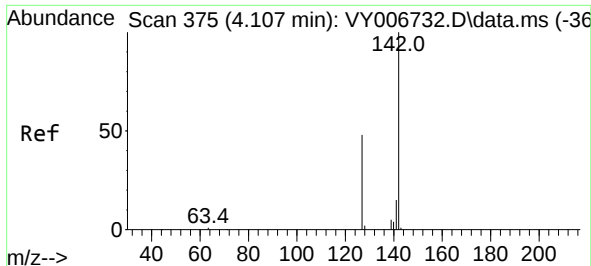
Tgt Ion: 62 Resp: 165
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#6
 Chloroethane
 Concen: 9.332 ug/l
 RT: 2.814 min Scan# 163
 Delta R.T. 0.012 min
 Lab File: VY006799.D
 Acq: 17 Nov 2021 20:13

Tgt Ion: 64 Resp: 257
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.8 35.6#





#10

Methyl Iodide

Concen: 1.736 ug/l

RT: 4.113 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY006799.D

Acq: 17 Nov 2021 20:13

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-111621RE

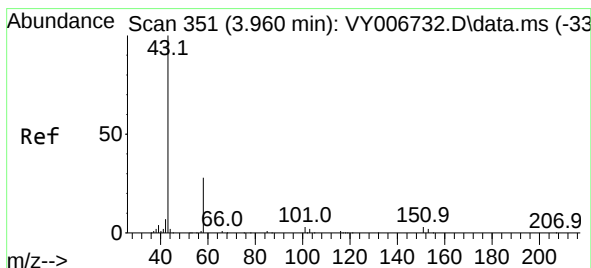
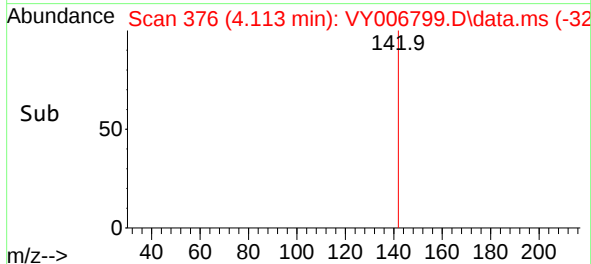
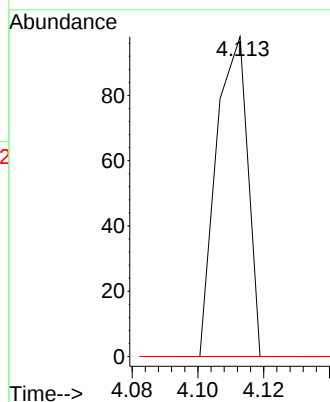
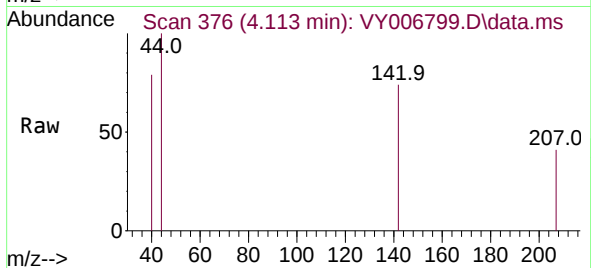
Tgt Ion:142 Resp: 65

Ion Ratio Lower Upper

142 100

127 0.0 40.1 60.1#

141 0.0 12.5 18.7#



#16

Acetone

Concen: 54.333 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY006799.D

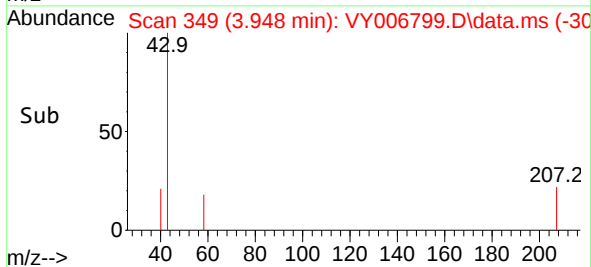
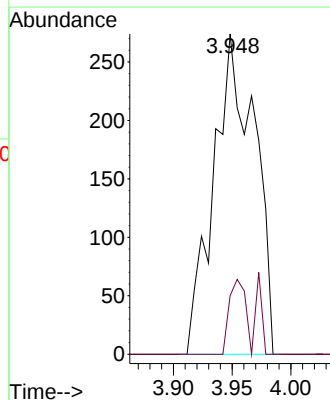
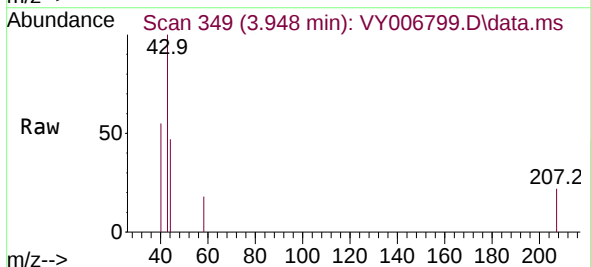
Acq: 17 Nov 2021 20:13

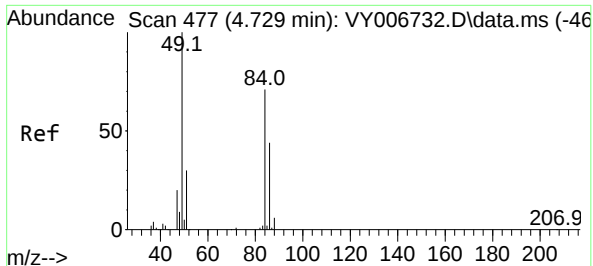
Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

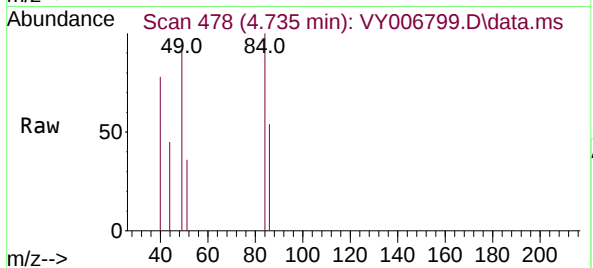
58 18.2 22.9 34.3#



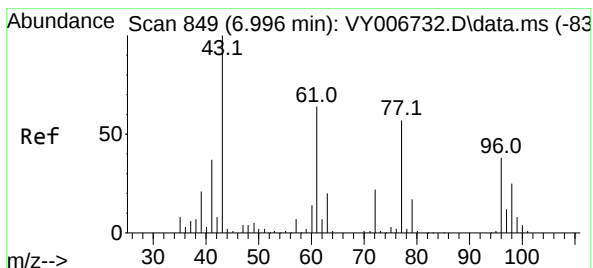
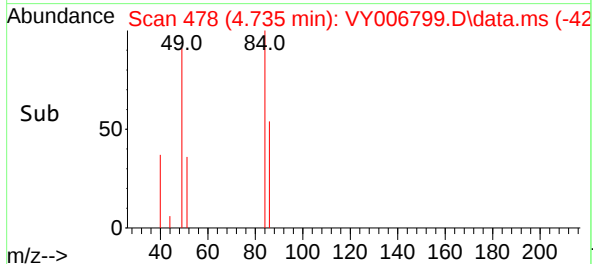
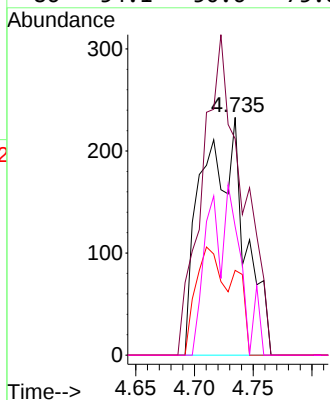


#20
Methylene Chloride
Concen: 13.545 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

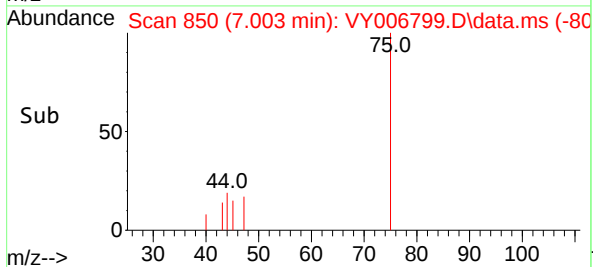
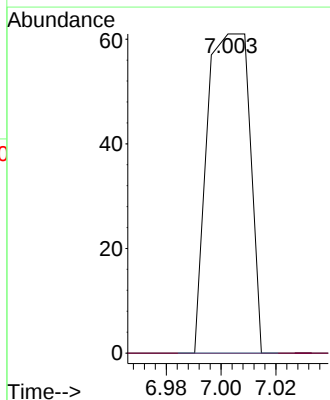
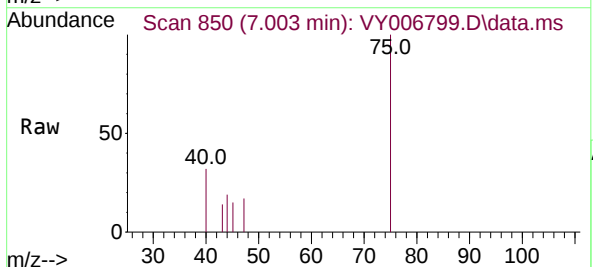


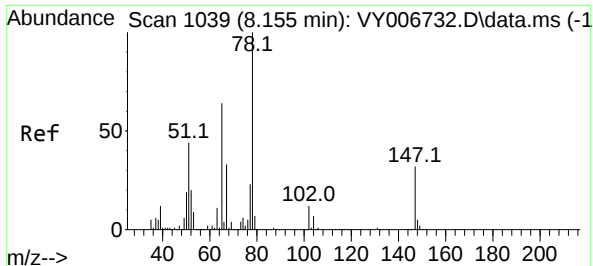
Tgt Ion: 84 Resp: 585
Ion Ratio Lower Upper
84 100
49 91.0 107.8 161.8#
51 35.6 32.8 49.2
86 54.1 50.6 75.8



#25
2-Butanone
Concen: 14.990 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 103.200 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006799.D

Acq: 17 Nov 2021 20:13

Instrument :

MSVOA_Y

ClientSampleId :

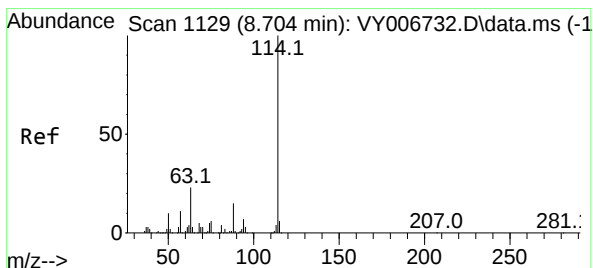
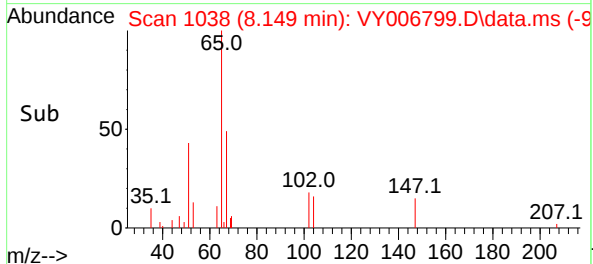
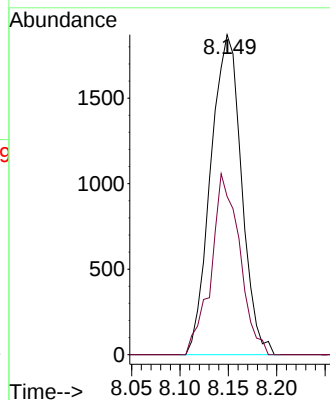
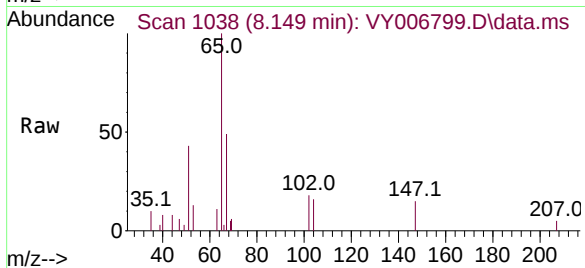
JC-02-111621RE

Tgt Ion: 65 Resp: 4151

Ion Ratio Lower Upper

65 100

67 52.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006799.D

Acq: 17 Nov 2021 20:13

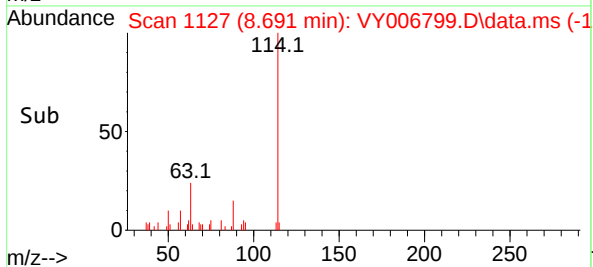
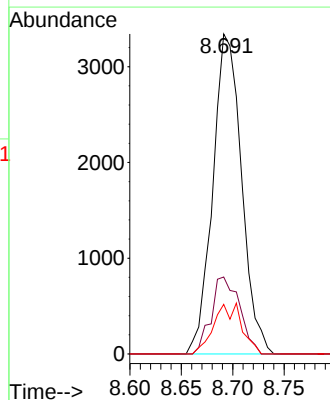
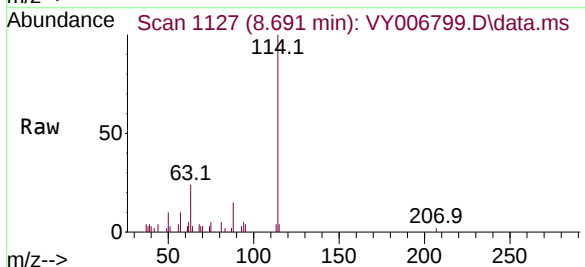
Tgt Ion:114 Resp: 6508

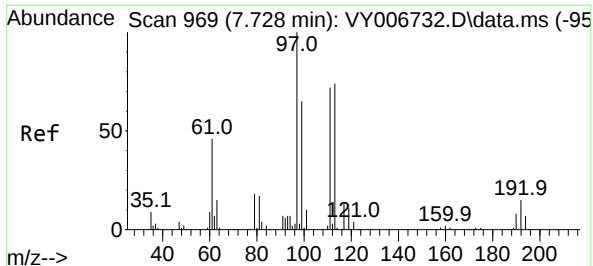
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 15.5 0.0 30.6

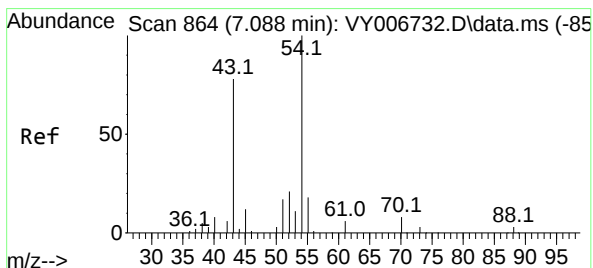
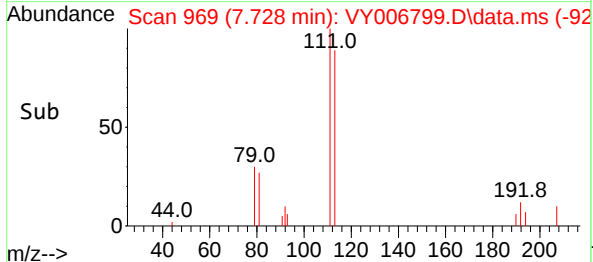
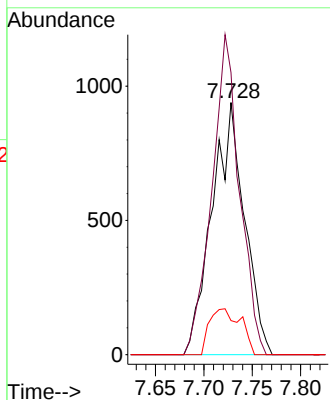
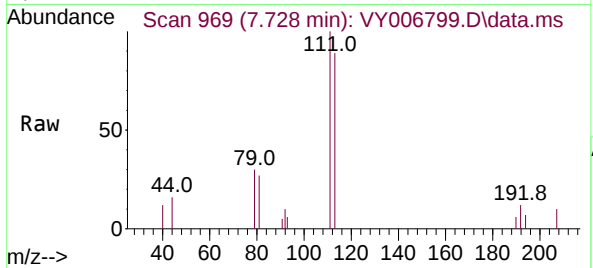




#35
Dibromofluoromethane
Concen: 54.935 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

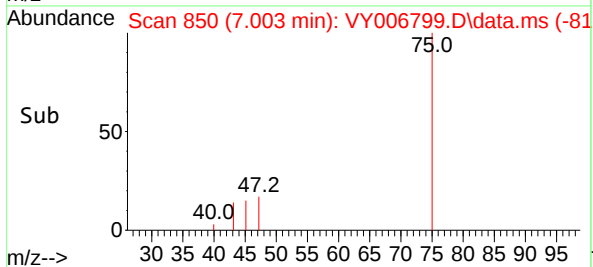
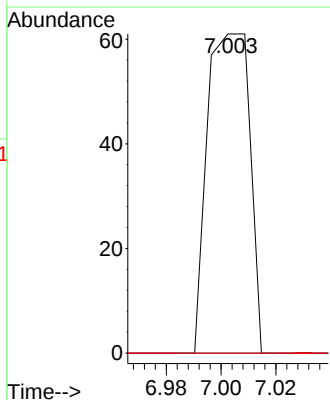
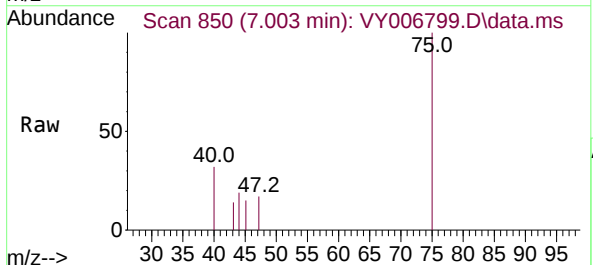
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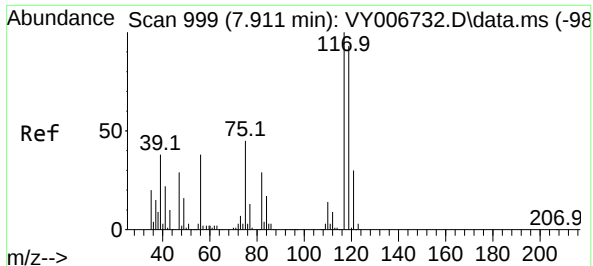
Tgt Ion:113 Resp: 2196
Ion Ratio Lower Upper
113 100
111 108.3 82.3 123.5
192 17.4 17.4 26.2



#37
Ethyl Acetate
Concen: 1.374 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

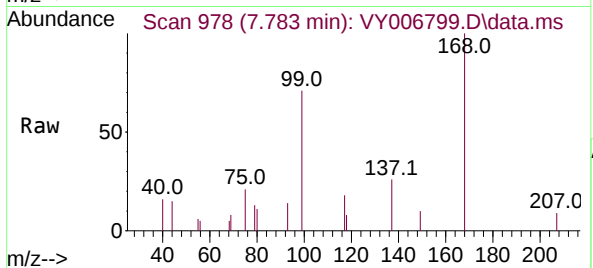
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
61 0.0 9.4 14.2#
70 0.0 6.9 10.3#



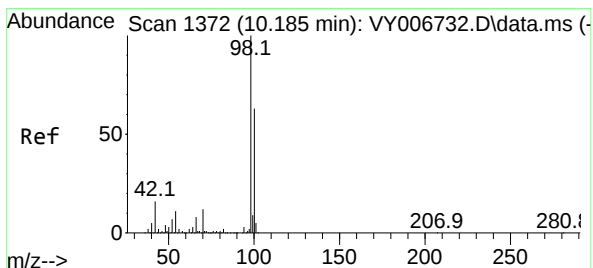
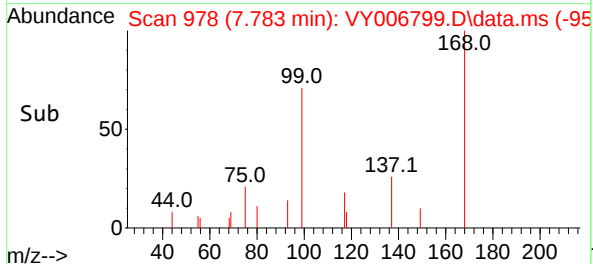
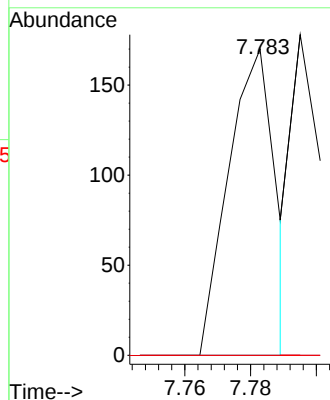


#38
Carbon Tetrachloride
Concen: 2.322 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

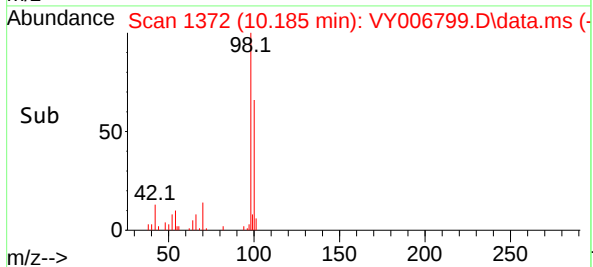
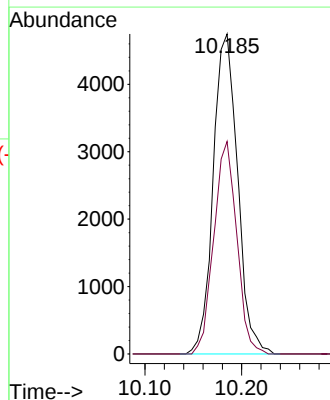
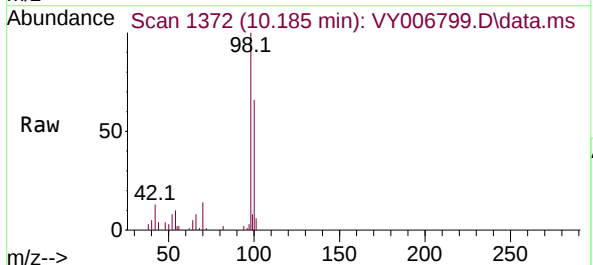


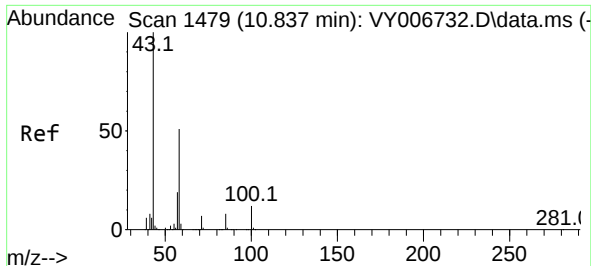
Tgt Ion:117 Resp: 168
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.254 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion: 98 Resp: 8313
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

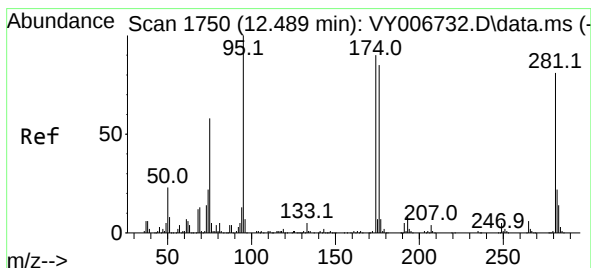
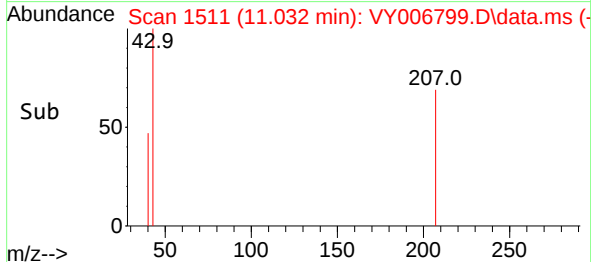
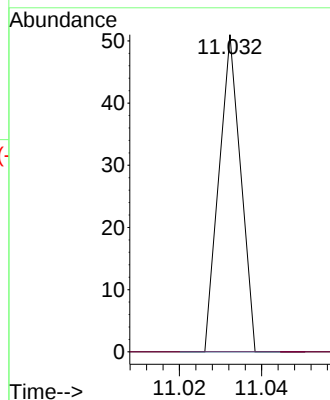
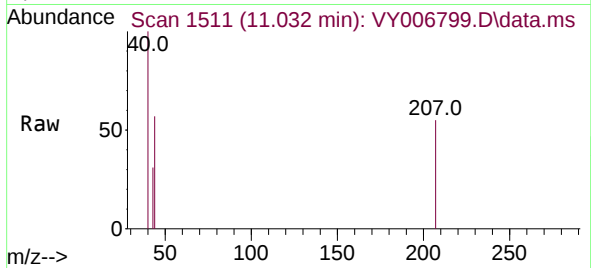




#59
2-Hexanone
Concen: 24.317 ug/l
RT: 11.032 min Scan# 11
Delta R.T. 0.195 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

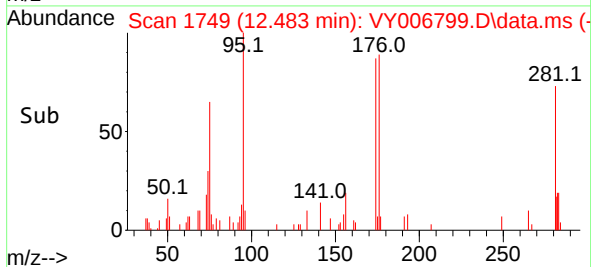
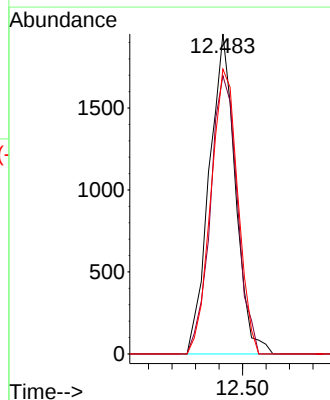
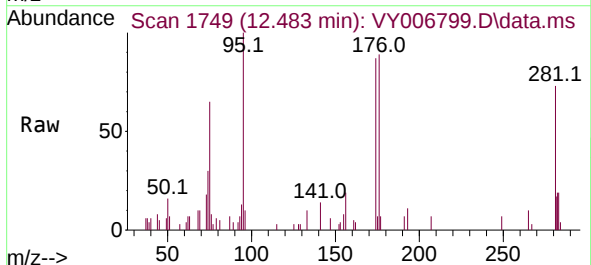
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

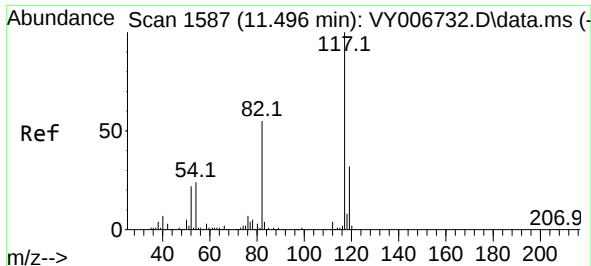
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 53.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion: 95 Resp: 3010
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 91.5 0.0 169.4

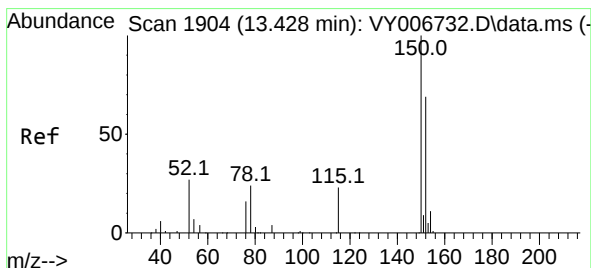
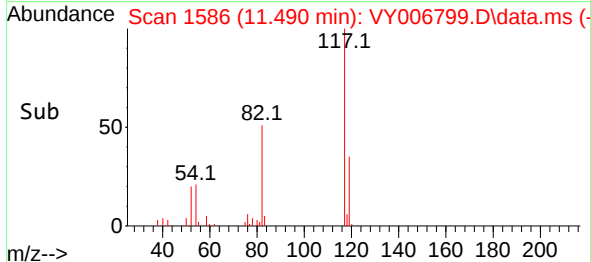
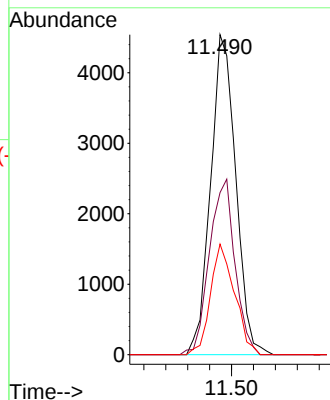
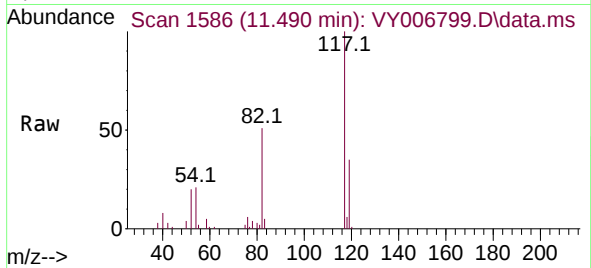




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

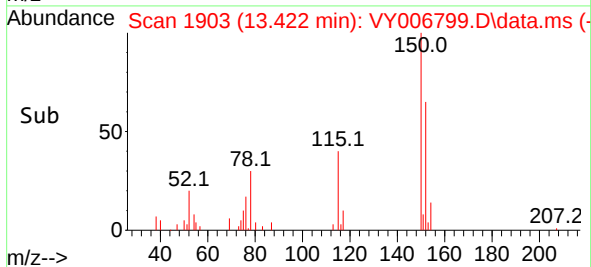
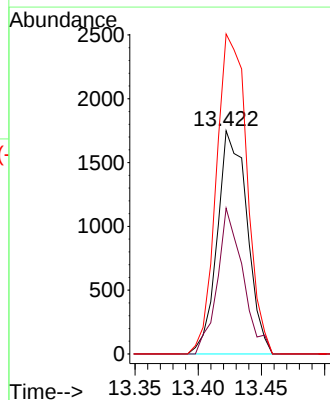
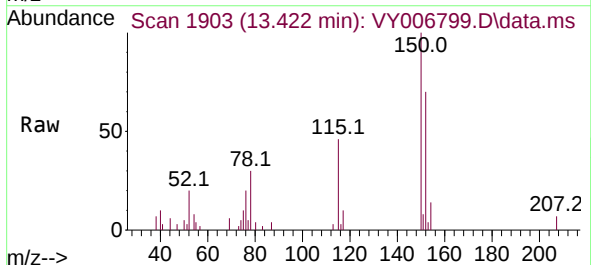
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

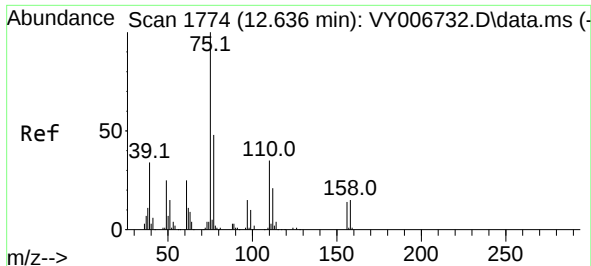
Tgt Ion:	117	Resp:	7234
Ion	Ratio	Lower	Upper
117	100		
82	50.7	45.7	68.5
119	34.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion:	152	Resp:	2858
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.5	85.5
150	147.4	0.0	348.2

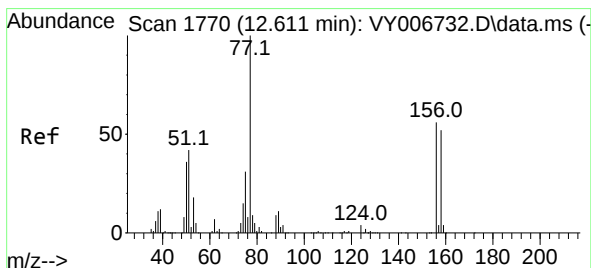
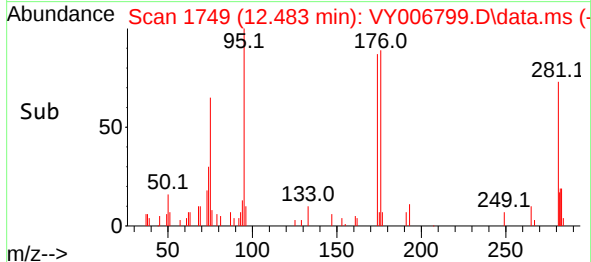
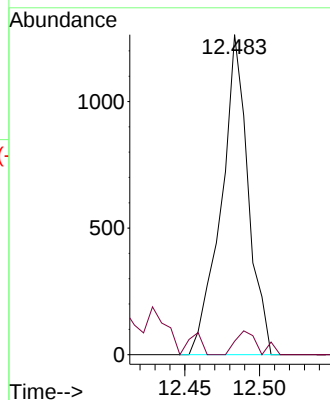
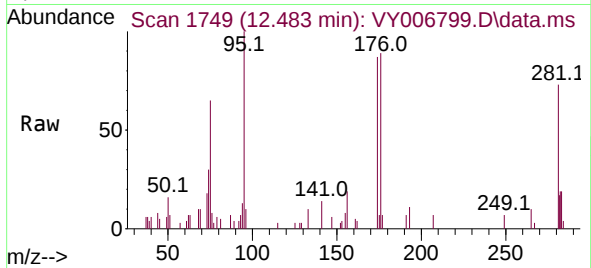




#76
1,2,3-Trichloropropane
Concen: 50.977 ug/l
RT: 12.483 min Scan# 1735
Delta R.T. -0.153 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

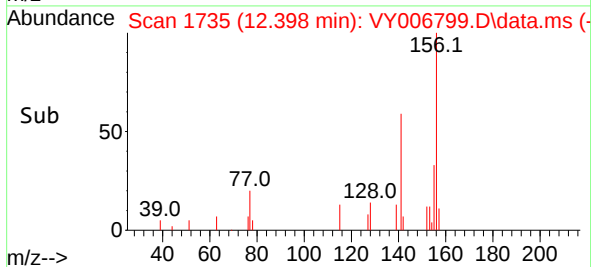
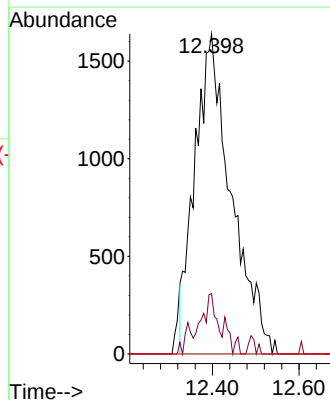
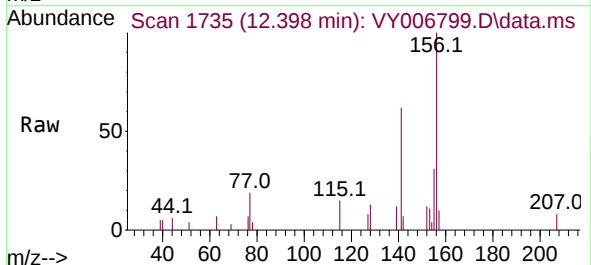
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

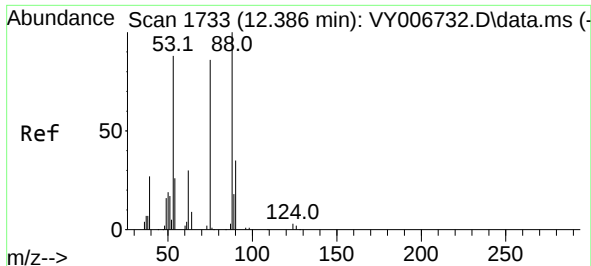
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
77 6.3 0.0 0.0#



#77
Bromobenzene
Concen: 193.455 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.213 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion:156 Resp: 9589
Ion Ratio Lower Upper
156 100
77 7.6 94.2 282.4#
158 0.0 48.6 145.8#

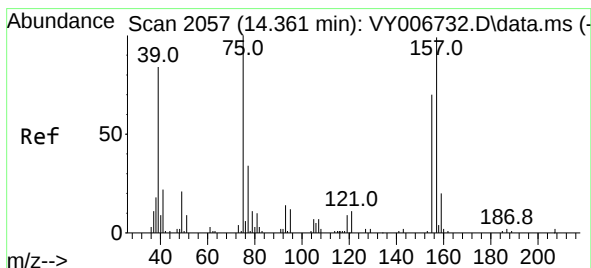
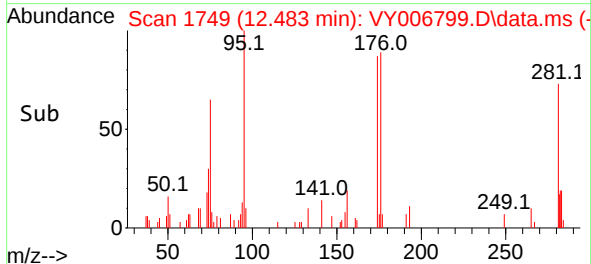
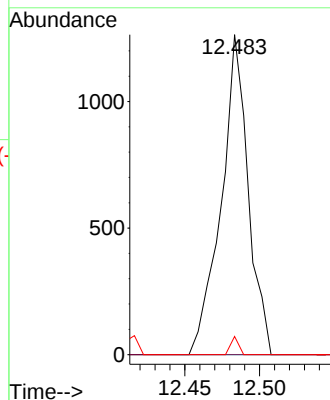
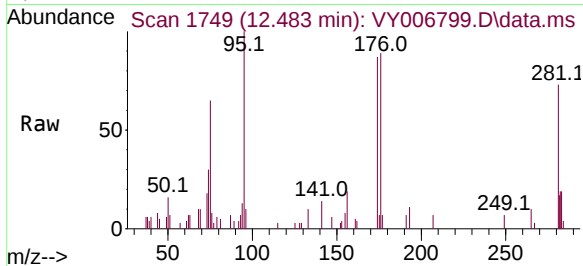




#81
trans-1,4-Dichloro-2-butene
Concen: 101.010 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621RE

Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.6 39.3 58.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.950 ug/l
RT: 14.434 min Scan# 2069
Delta R.T. 0.073 min
Lab File: VY006799.D
Acq: 17 Nov 2021 20:13

Tgt Ion: 75 Resp: 21
Ion Ratio Lower Upper
75 100
155 0.0 39.0 116.9#
157 0.0 49.2 147.6#

