

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006788.D
 Acq On : 17 Nov 2021 15:07
 Operator : SY/MD
 Sample : M4708-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-111621

Quant Time: Nov 18 03:02:15 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)

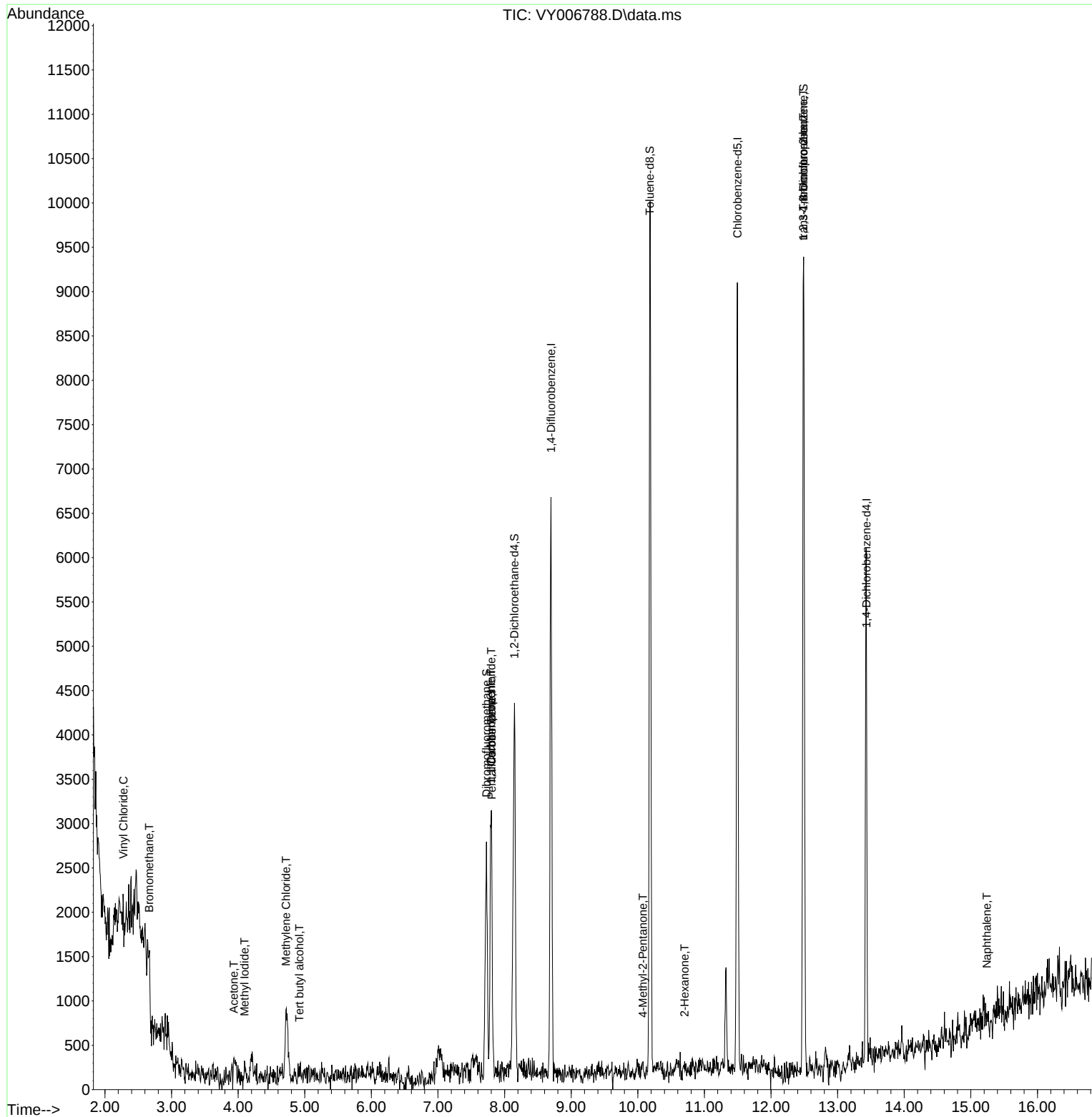
Internal Standards						
1) Pentafluorobenzene	7.807	168	2644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4936	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3124	90.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.300%#	
35) Dibromofluoromethane	7.728	113	1656	53.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.179	98	6419	49.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.489	95	1711	39.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.940%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.278	62	95	2.450	ug/l #	44
5) Bromomethane	2.662	94	60	2.903	ug/l #	4
10) Methyl Iodide	4.094	142	148	4.587	ug/l #	36
11) Tert butyl alcohol	4.917	59	19	3.646	ug/l #	72
16) Acetone	3.936	43	198	18.806	ug/l #	46
20) Methylene Chloride	4.716	84	596	16.690	ug/l #	93
36) 1,1-Dichloropropene	7.795	75	221	4.019	ug/l #	42
38) Carbon Tetrachloride	7.801	117	217	3.858	ug/l #	12
51) 4-Methyl-2-Pentanone	10.075	43	116	3.193	ug/l #	39
59) 2-Hexanone	10.703	43	37	25.072	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	1196	71.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1196	141.082	ug/l #	7
95) Naphthalene	15.239	128	225	4.043	ug/l #	68

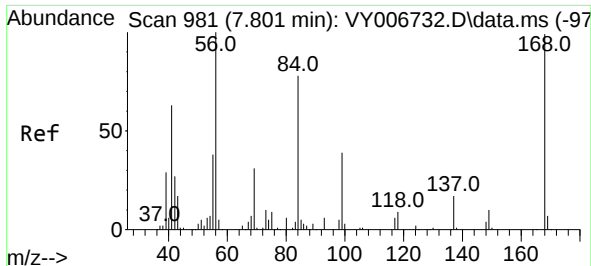
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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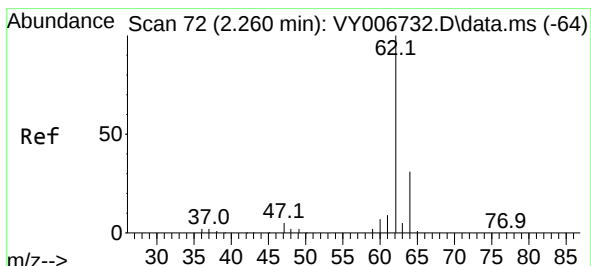
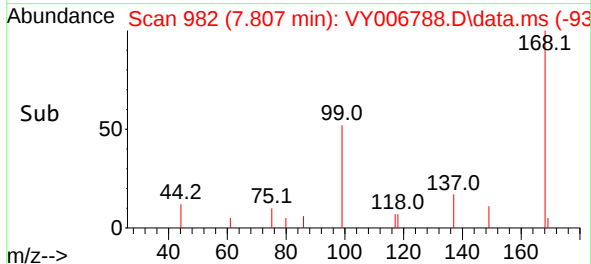
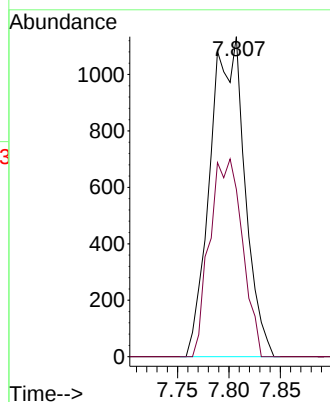
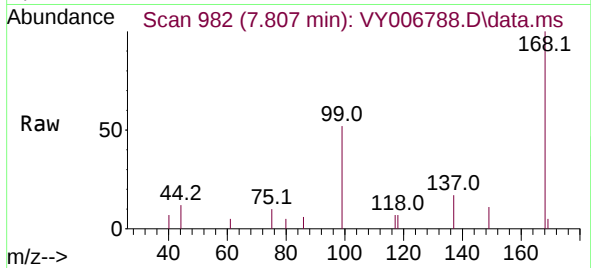




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

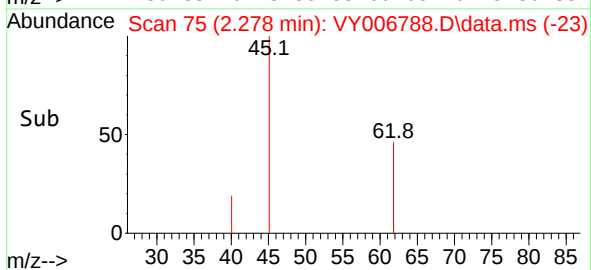
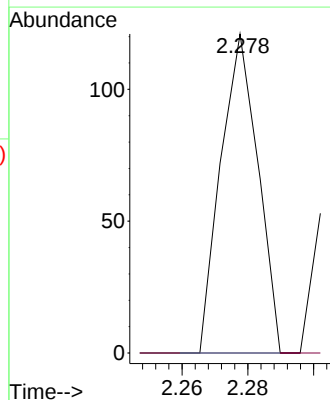
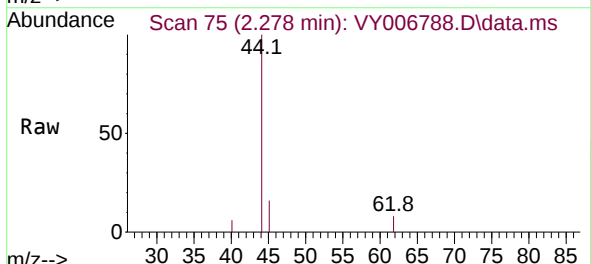
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621

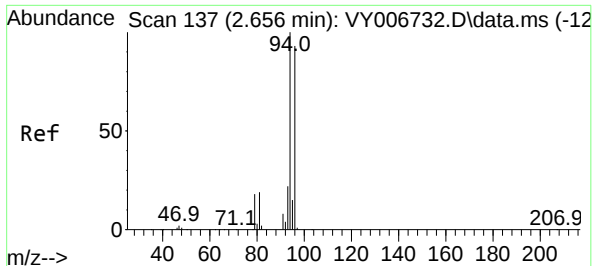
Tgt Ion:168 Resp: 2644
Ion Ratio Lower Upper
168 100
99 52.3 44.8 67.2



#4
Vinyl Chloride
Concen: 2.450 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.018 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 62 Resp: 95
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#

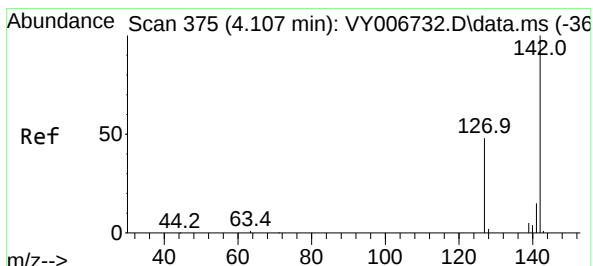
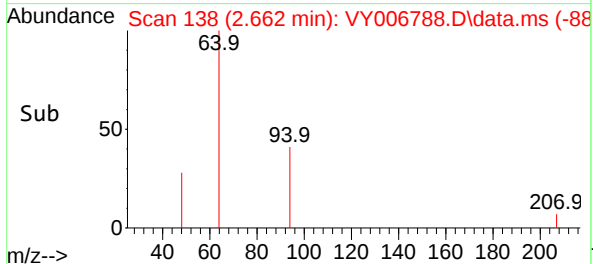
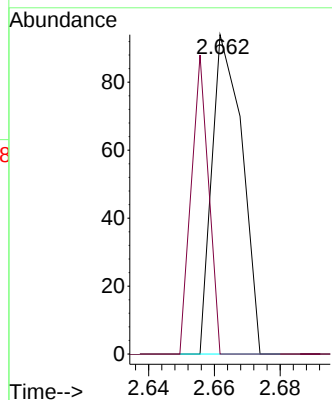
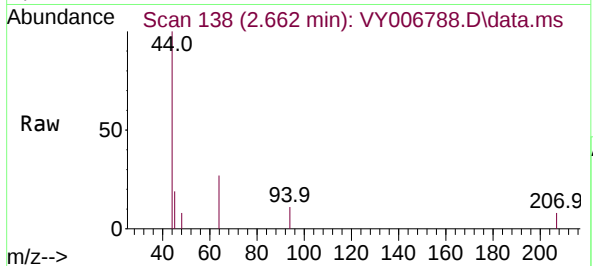




#5
Bromomethane
Concen: 2.903 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

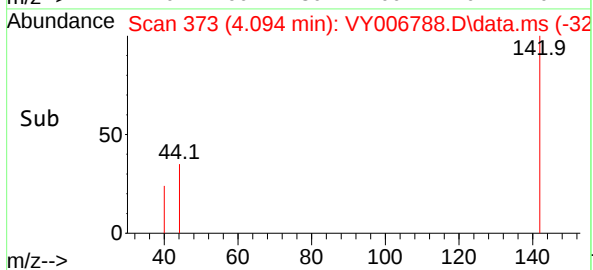
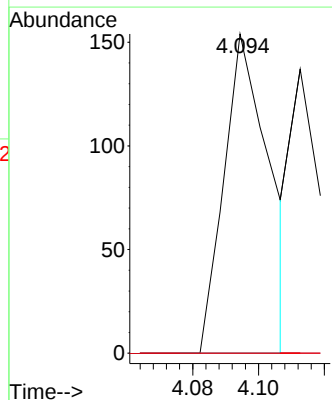
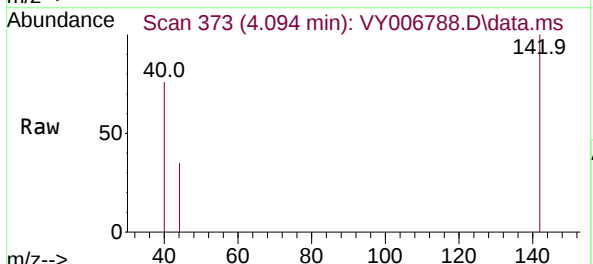
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621

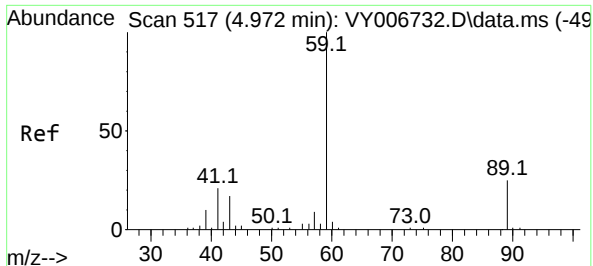
Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#10
Methyl Iodide
Concen: 4.587 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 142 Resp: 148
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.646 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.055 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

Instrument :

MSVOA_Y

ClientSampleId :

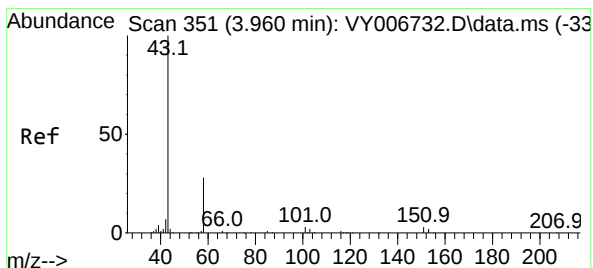
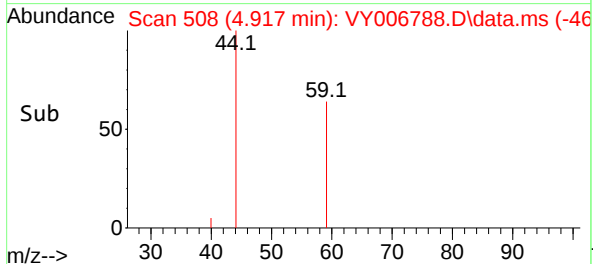
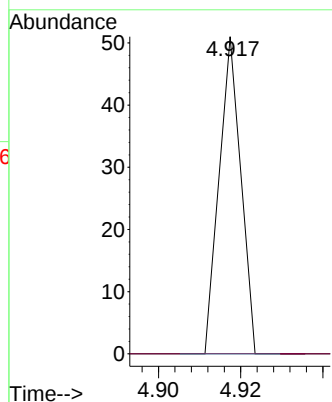
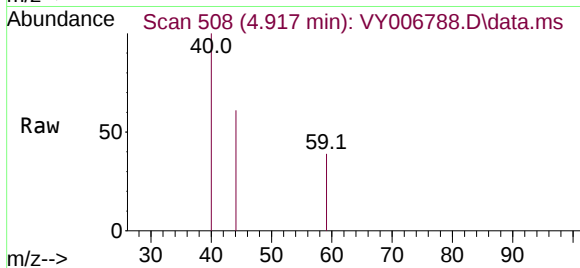
JC-02-111621

Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 18.806 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.025 min

Lab File: VY006788.D

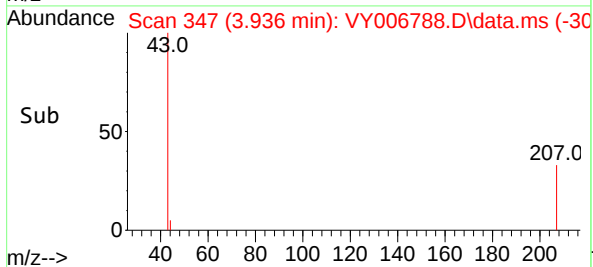
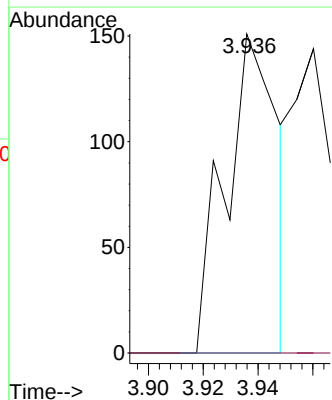
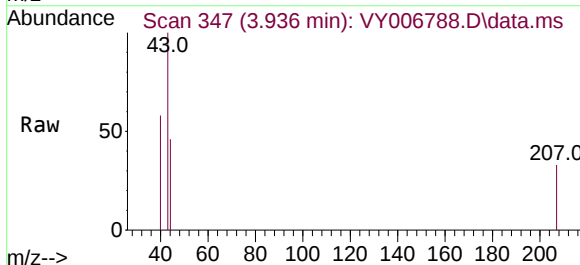
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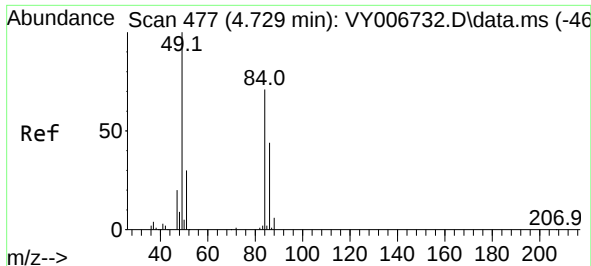
Tgt Ion: 43 Resp: 198

Ion Ratio Lower Upper

43 100

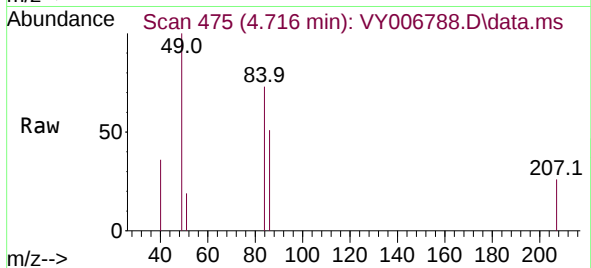
58 0.0 22.9 34.3#



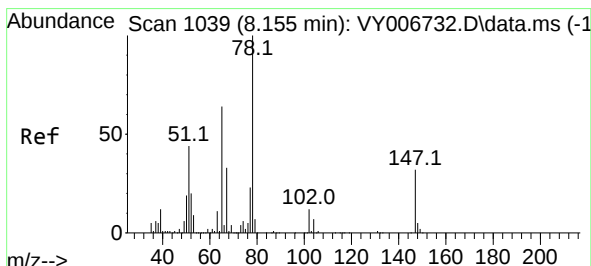
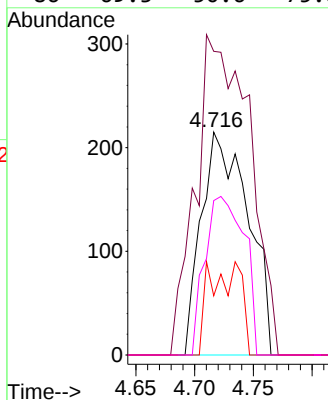
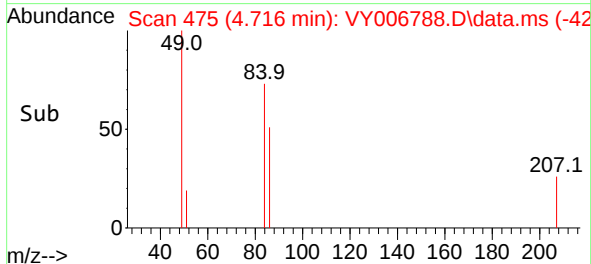


#20
Methylene Chloride
Concen: 16.690 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

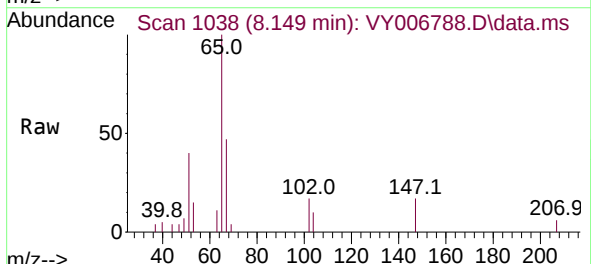
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621



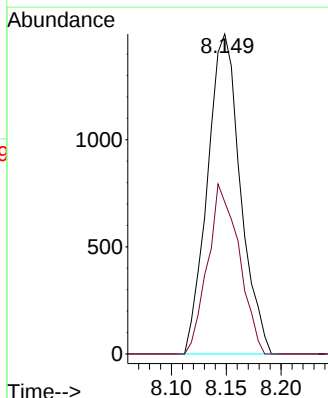
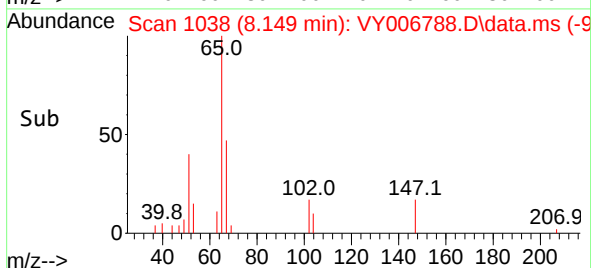
Tgt Ion: 84	Resp: 596
Ion Ratio	Lower Upper
84 100	
49 136.3	107.8 161.8
51 26.5	32.8 49.2#
86 69.3	50.6 75.8

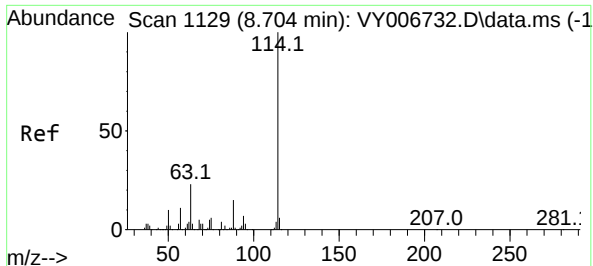


#33
1,2-Dichloroethane-d4
Concen: 90.151 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07



Tgt Ion: 65	Resp: 3124
Ion Ratio	Lower Upper
65 100	
67 50.4	0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-111621

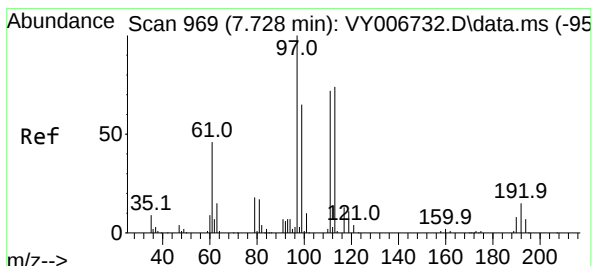
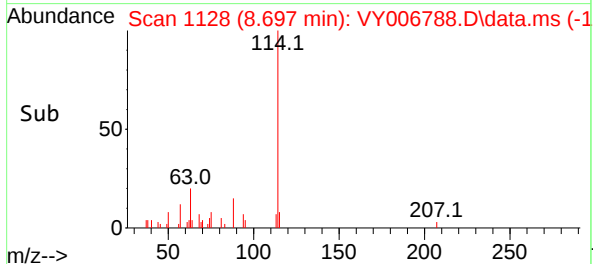
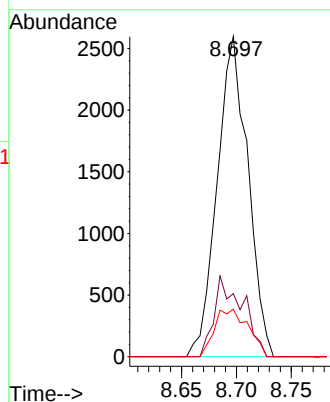
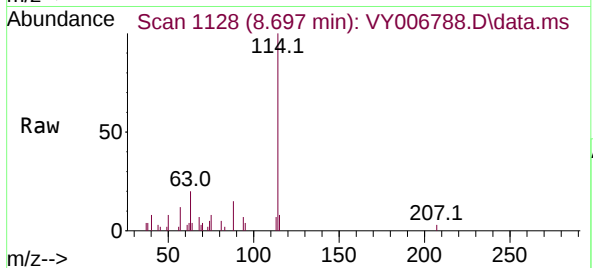
Tgt Ion:114 Resp: 5059

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.292 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

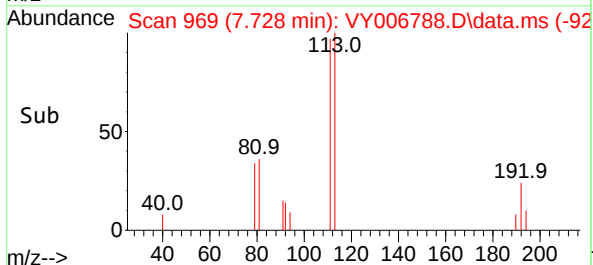
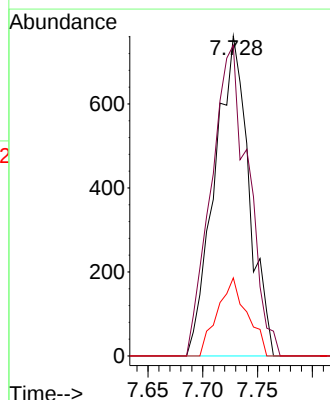
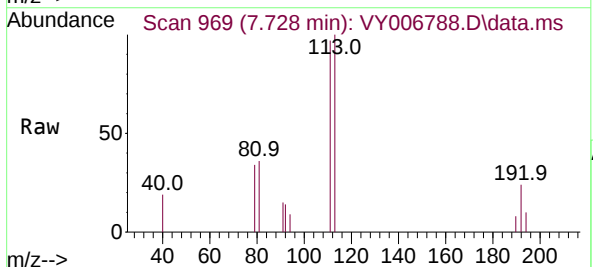
Tgt Ion:113 Resp: 1656

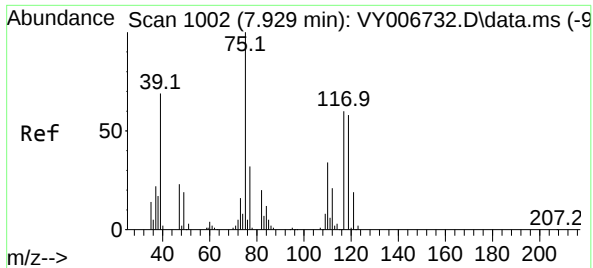
Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

192 21.1 17.4 26.2

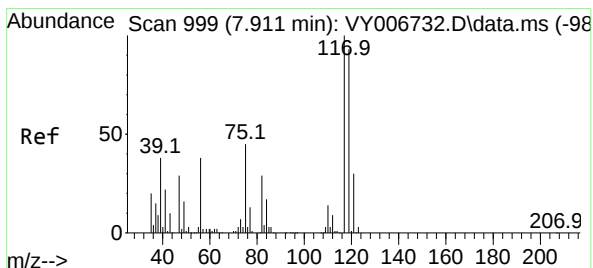
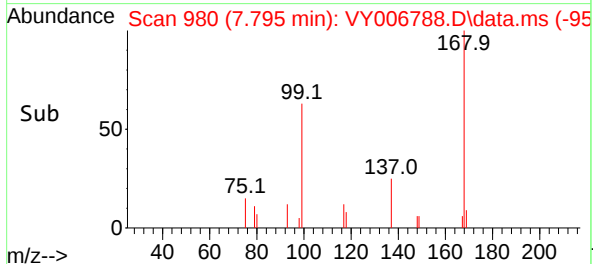
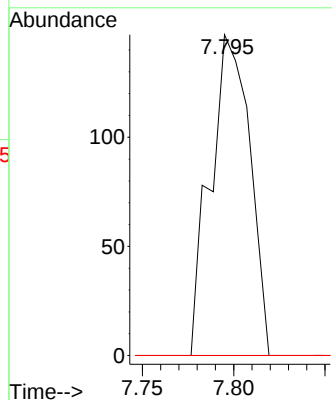
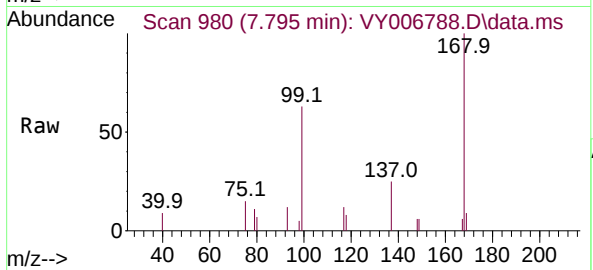




#36
 1,1-Dichloropropene
 Concen: 4.019 ug/l
 RT: 7.795 min Scan# 90
 Delta R.T. -0.134 min
 Lab File: VY006788.D
 Acq: 17 Nov 2021 15:07

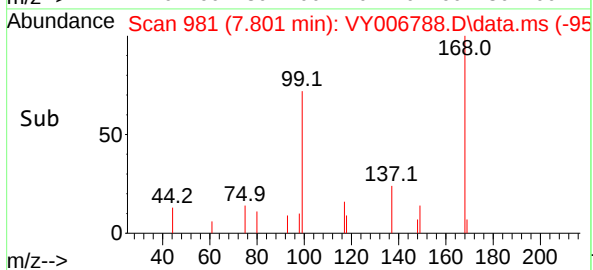
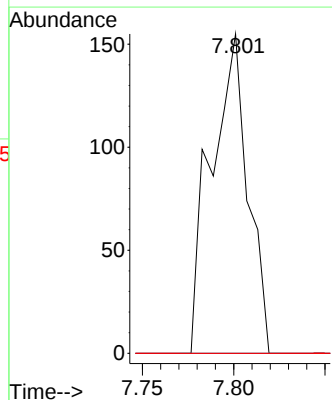
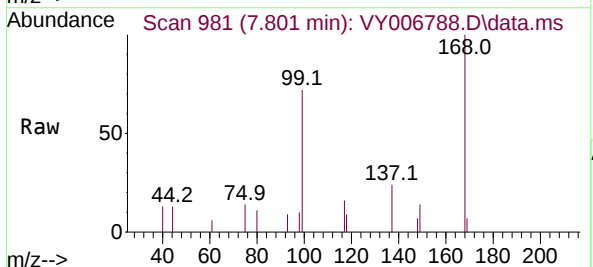
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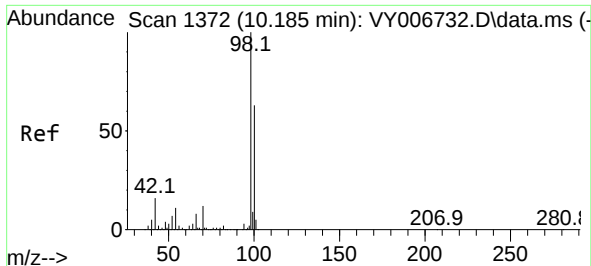
Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 3.858 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY006788.D
 Acq: 17 Nov 2021 15:07

Tgt Ion: 117 Resp: 217
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.6 115.0#
 121 0.0 24.7 37.1#

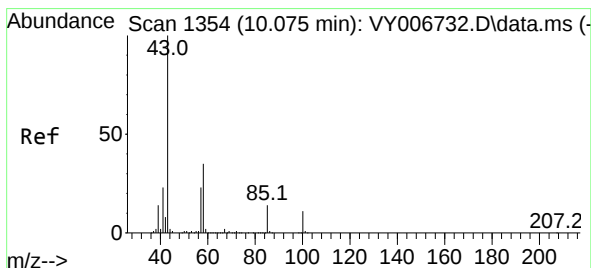
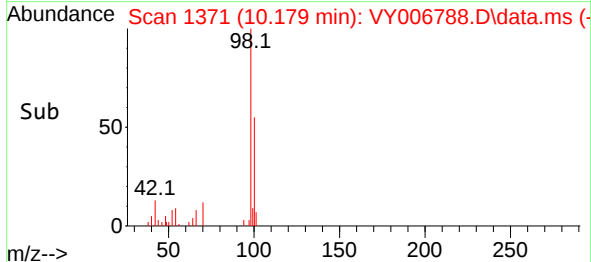
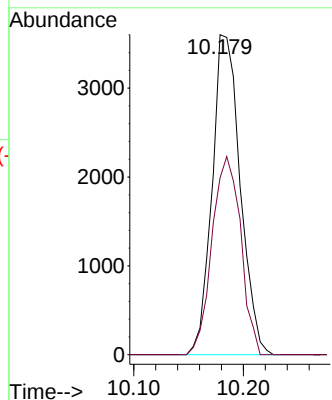
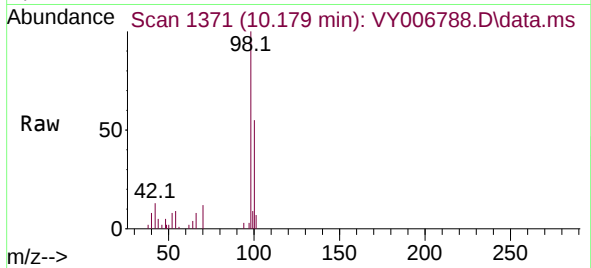




#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

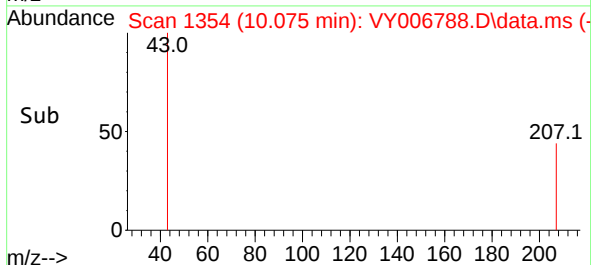
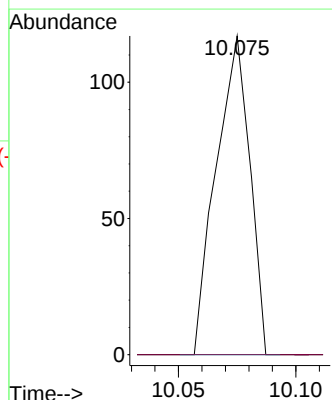
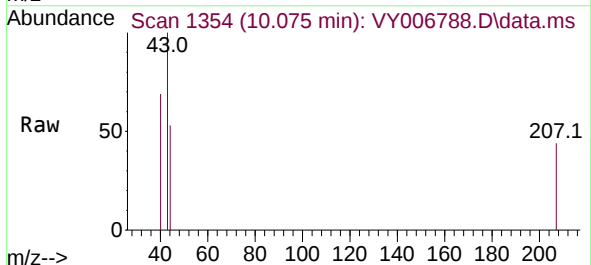
Instrument :
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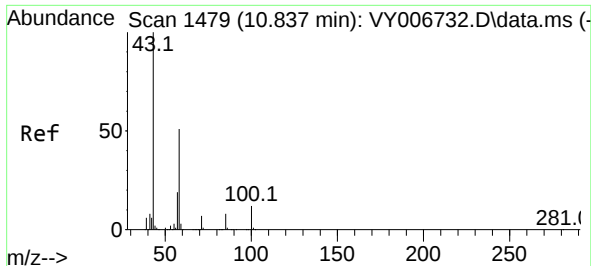
Tgt Ion: 98 Resp: 6419
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 3.193 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#

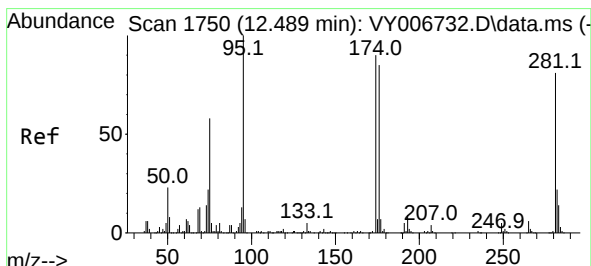
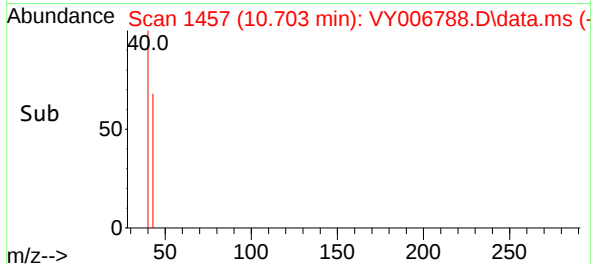
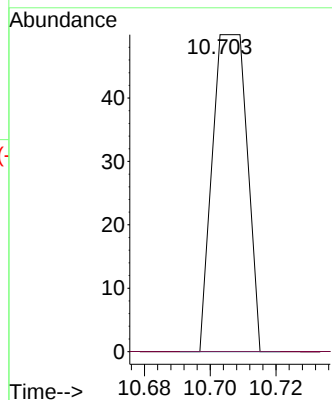
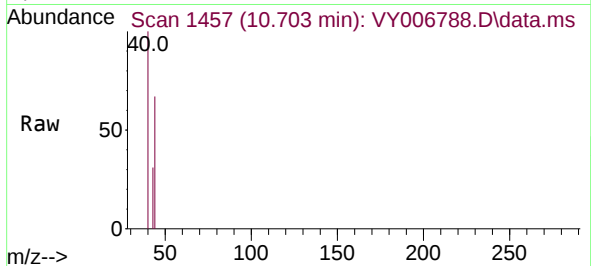




#59
2-Hexanone
Concen: 25.072 ug/l
RT: 10.703 min Scan# 1479
Delta R.T. -0.134 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

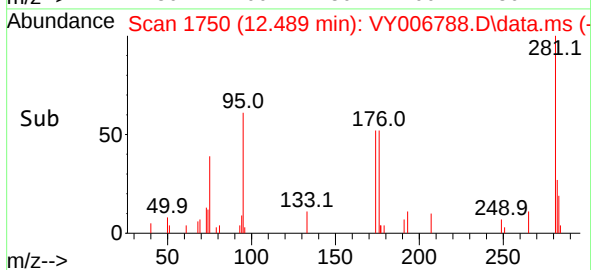
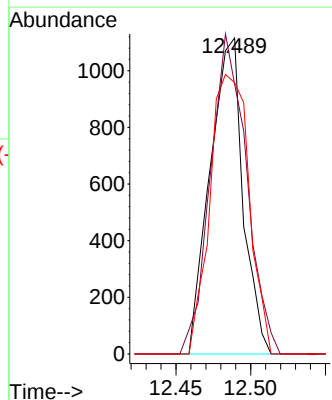
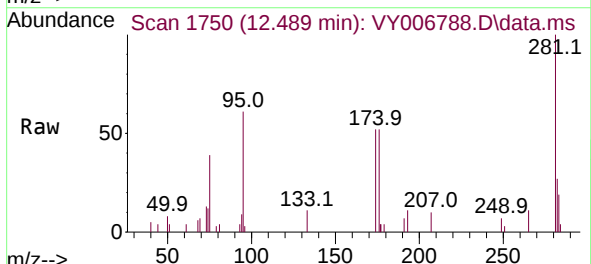
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621

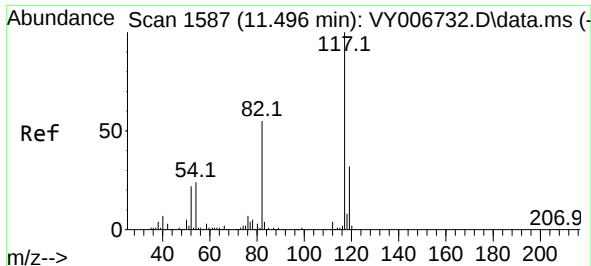
Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 39.469 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 95 Resp: 1711
Ion Ratio Lower Upper
95 100
174 110.6 0.0 177.0
176 104.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

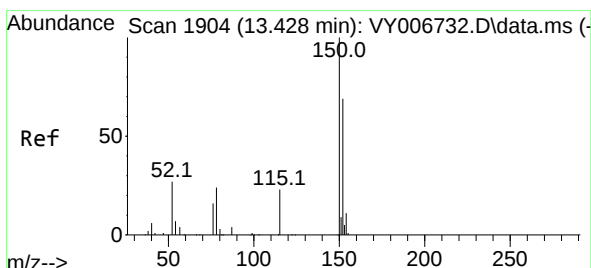
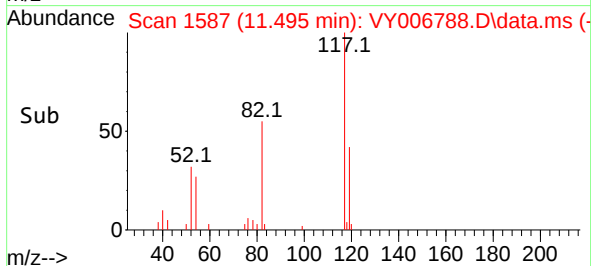
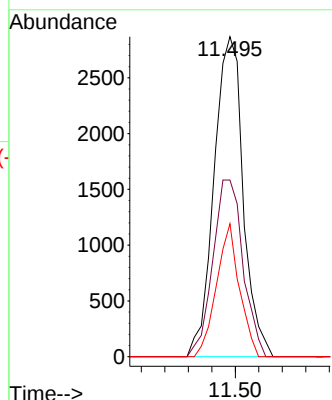
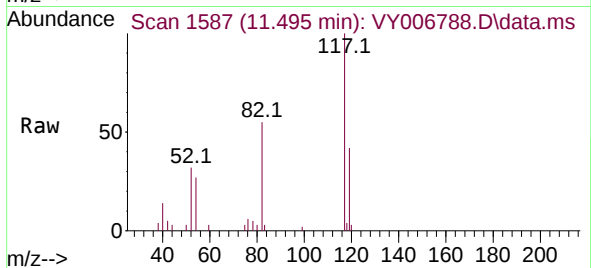
Instrument :

MSVOA_Y

ClientSampleId :

JC-02-111621

Tgt Ion:117	Resp:	4936
Ion	Ratio	Lower Upper
117	100	
82	55.2	45.7 68.5
119	41.5	25.5 38.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

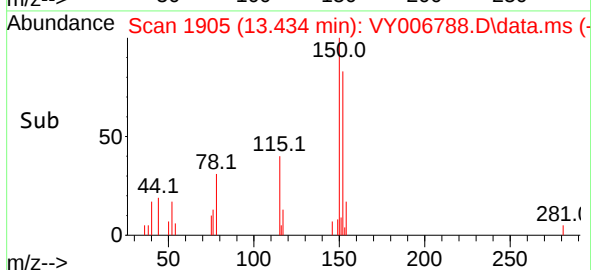
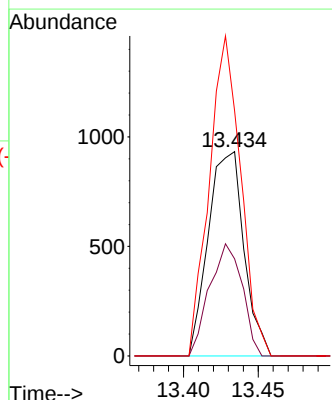
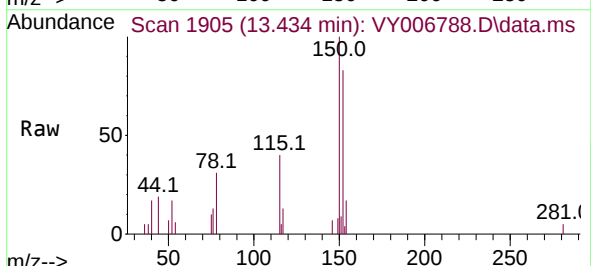
RT: 13.434 min Scan# 1905

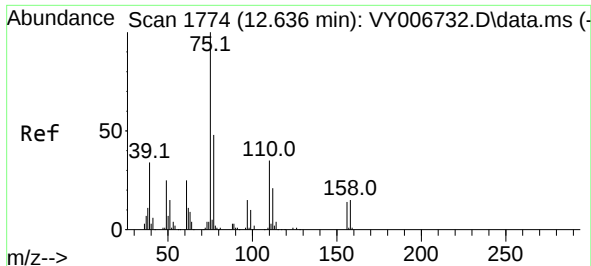
Delta R.T. 0.006 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

Tgt Ion:152	Resp:	1545
Ion	Ratio	Lower Upper
152	100	
115	50.2	28.5 85.5
150	138.3	0.0 348.2

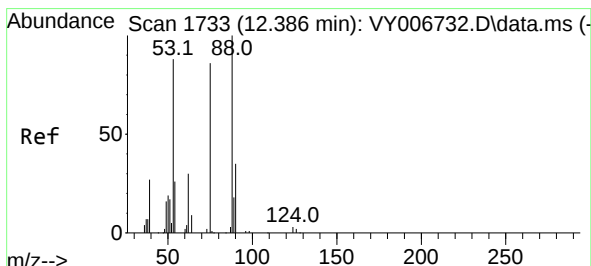
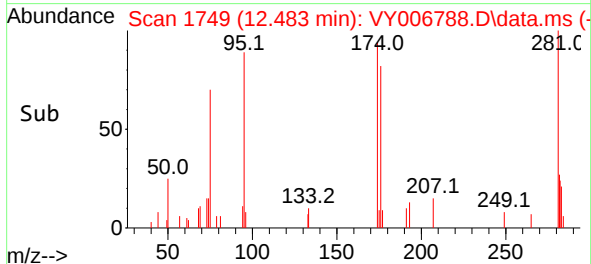
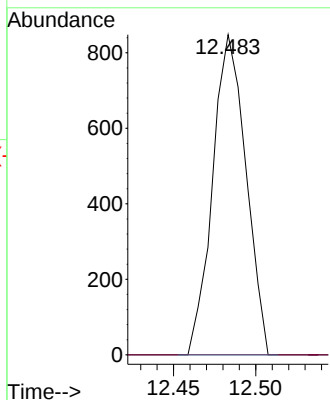
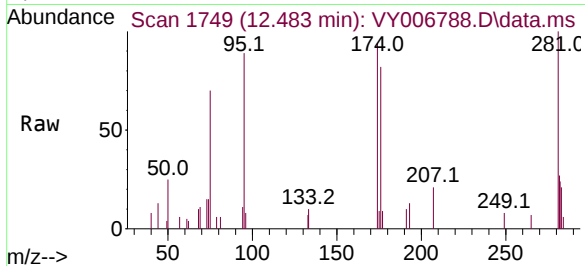




#76
1,2,3-Trichloropropane
Concen: 71.201 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

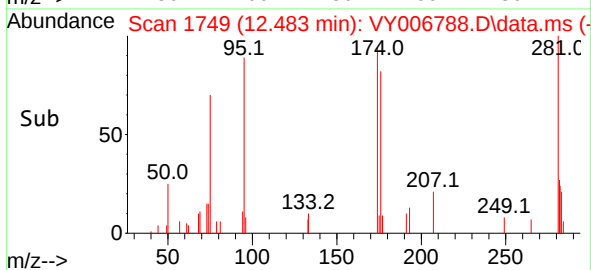
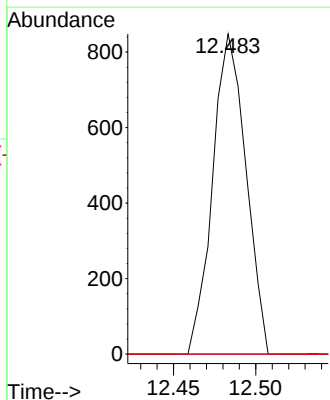
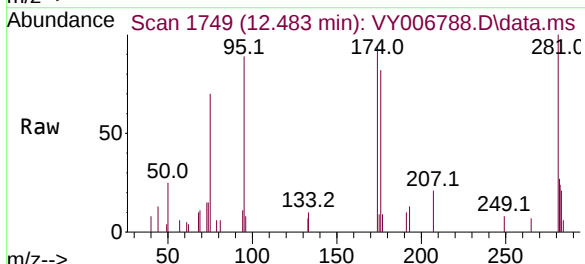
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621

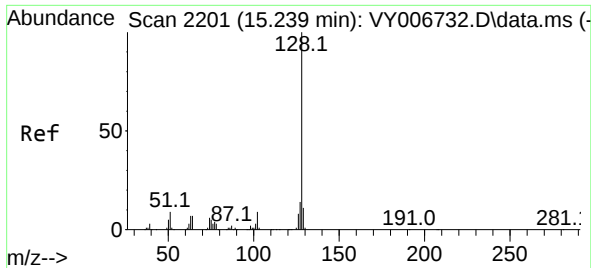
Tgt Ion: 75 Resp: 1196
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 141.082 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 75 Resp: 1196
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#





#95

Naphthalene

Concen: 4.043 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006788.D

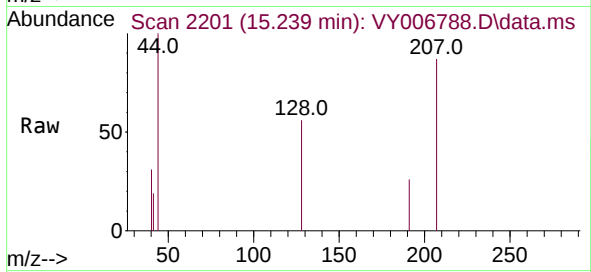
Acq: 17 Nov 2021 15:07

Instrument :

MSVOA_Y

ClientSampleId :

JC-02-111621



Tgt Ion:128 Resp: 225

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.9 13.3#

