

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011718.D
 Acq On : 06 Dec 2022 15:12
 Operator : KP/MD
 Sample : N5885-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-04-120522

Quant Time: Dec 06 23:45:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

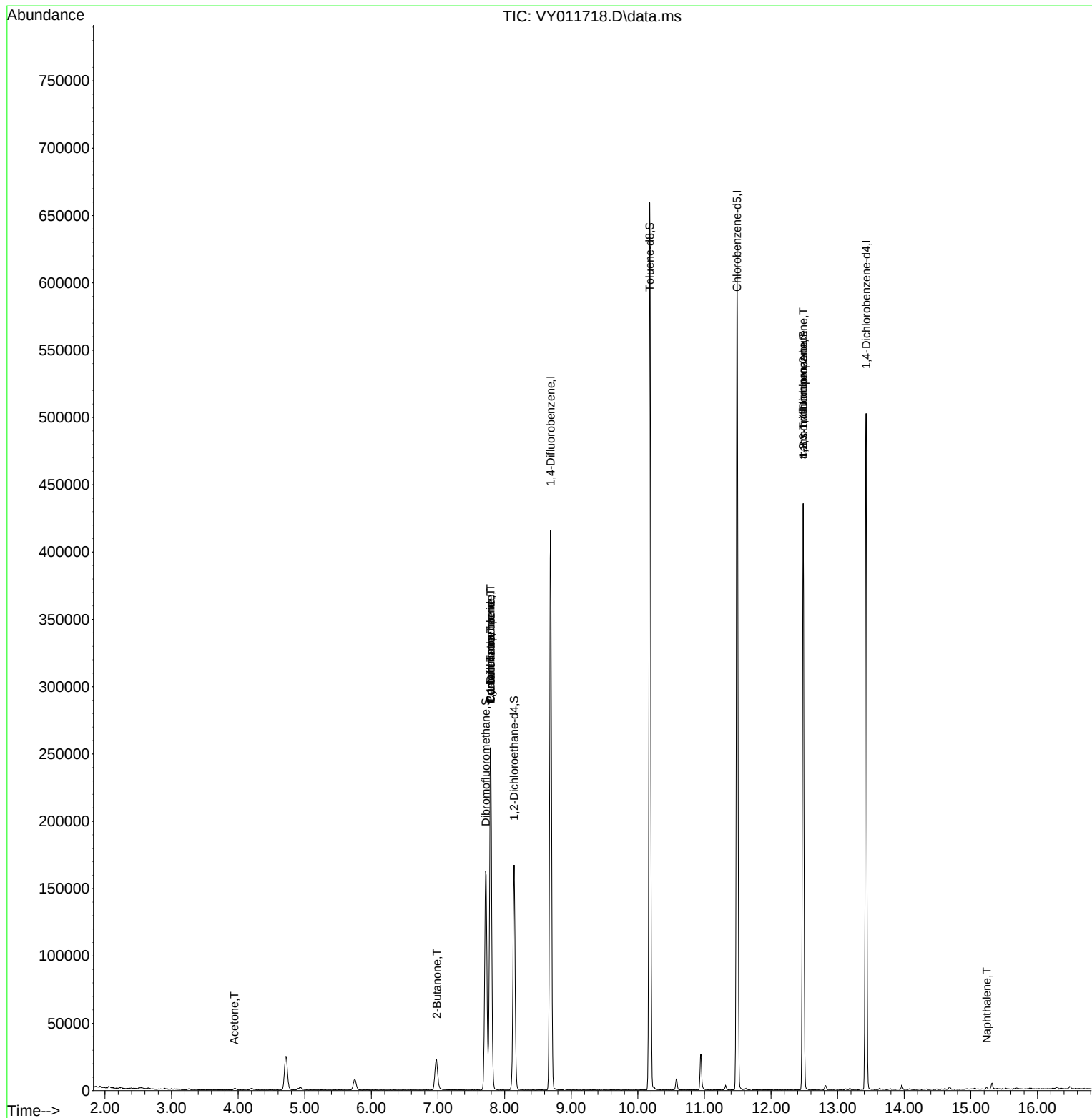
Internal Standards						
1) Pentafluorobenzene	7.789	168	195478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130022	65.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.716	113	116511	53.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.680%	
50) Toluene-d8	10.179	98	429413	54.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.483	95	130211	44.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	20	Below Cal	#	43
3) Chloromethane	2.113	50	244	Below Cal	#	44
5) Bromomethane	2.662	94	173	Below Cal		93
11) Tert butyl alcohol	4.923	59	1586	Below Cal	#	77
16) Acetone	3.942	43	1900	2.947	ug/l #	89
18) Methyl Acetate	4.491	43	399	Below Cal	#	56
20) Methylene Chloride	4.716	84	19589	Below Cal		89
25) 2-Butanone	6.984	43	1185	1.399	ug/l #	81
31) Cyclohexane	7.789	56	4193	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15425	4.518	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19391	5.076	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	68783	48.991	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68783	107.307	ug/l #	7
95) Naphthalene	15.239	128	1493	4.317	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
Data File : VY011718.D
Acq On : 06 Dec 2022 15:12
Operator : KP/MD
Sample : N5885-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

Quant Time: Dec 06 23:45:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

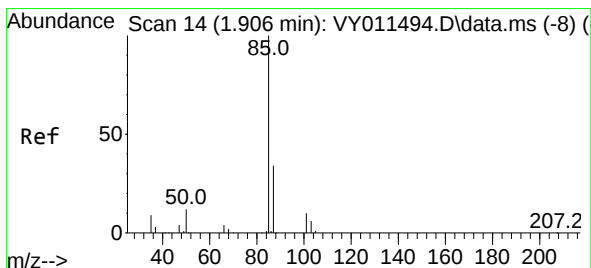
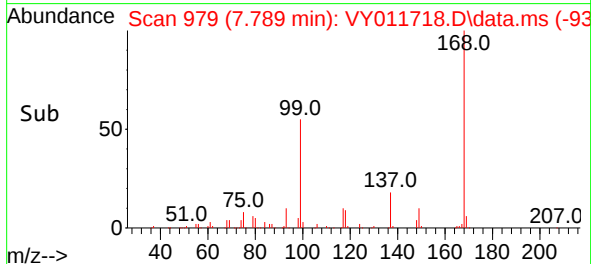
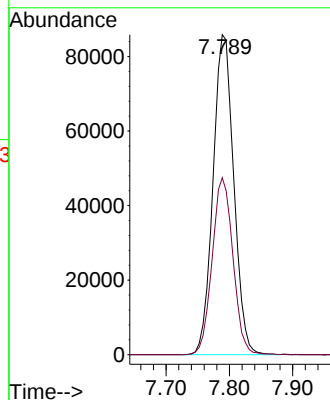
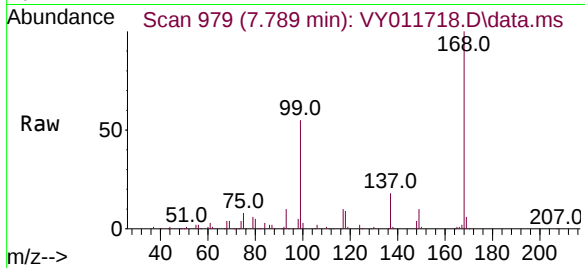




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

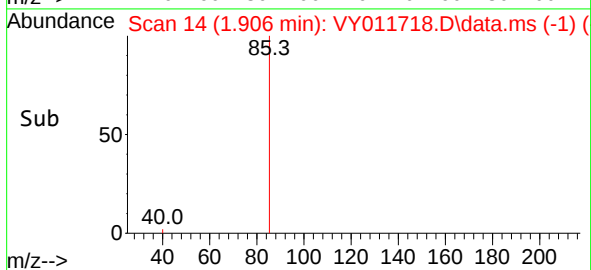
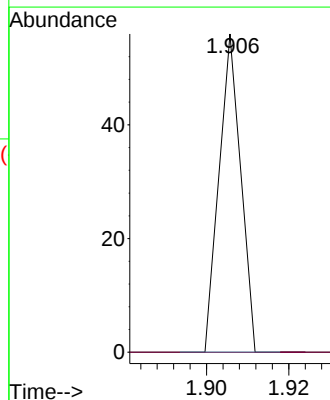
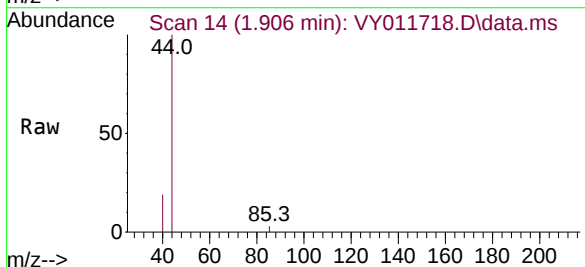
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

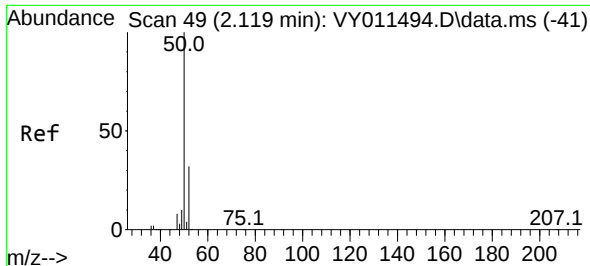
Tgt Ion:168 Resp: 195478
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

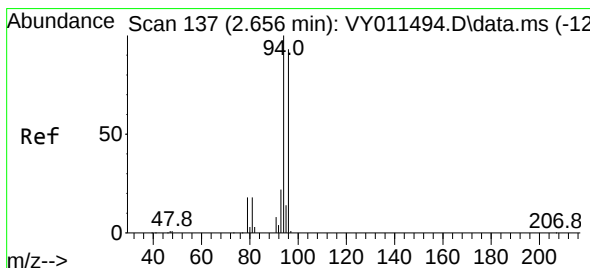
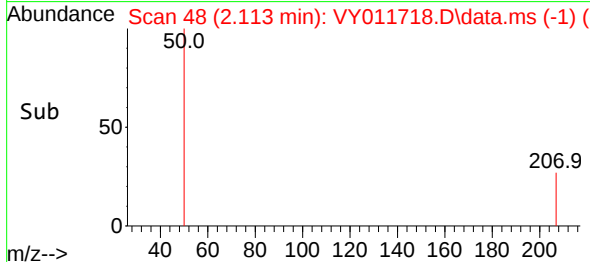
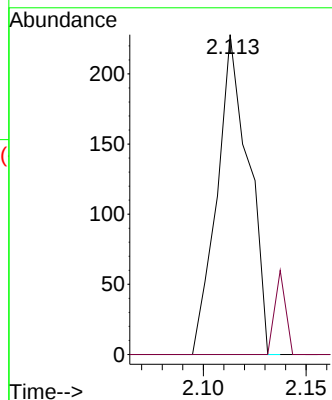
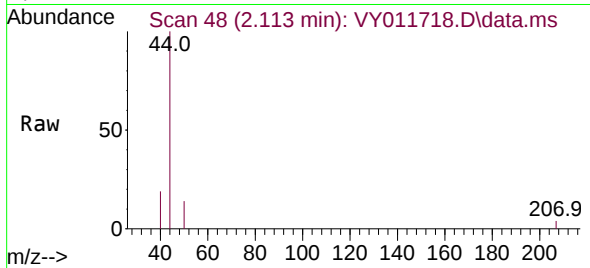




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

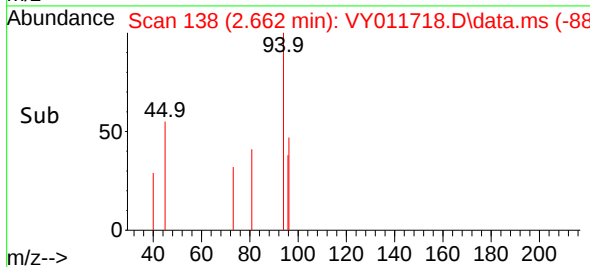
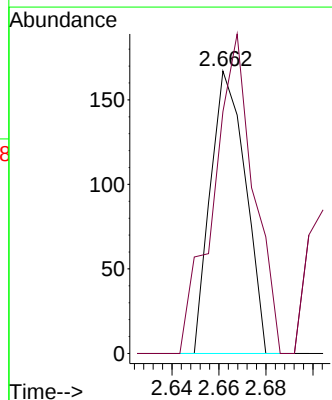
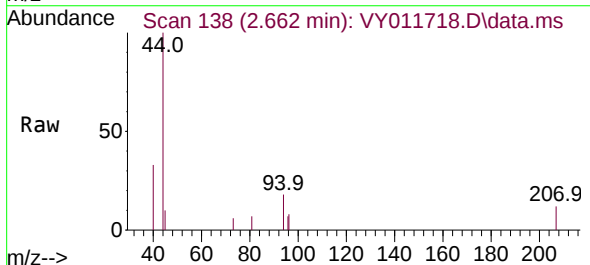
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

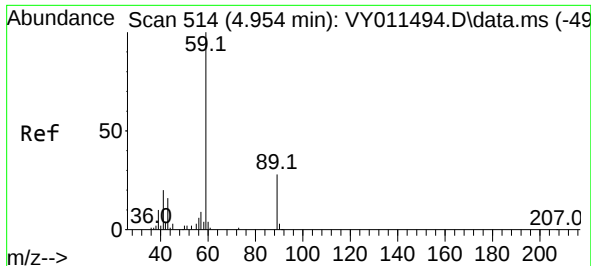
Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 85.6 73.5 110.3

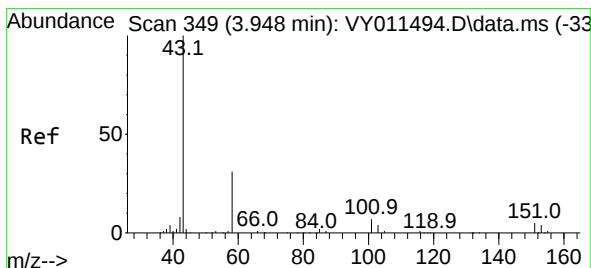
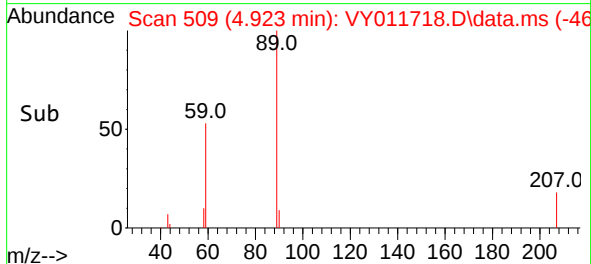
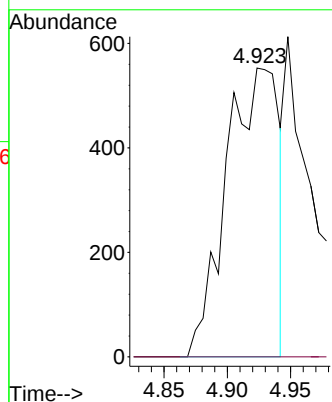
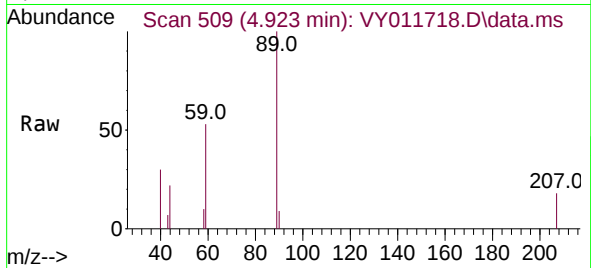




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

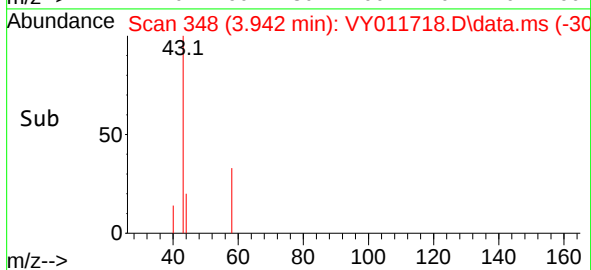
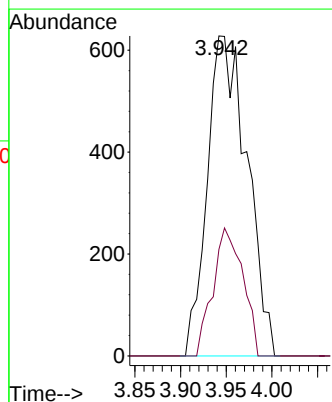
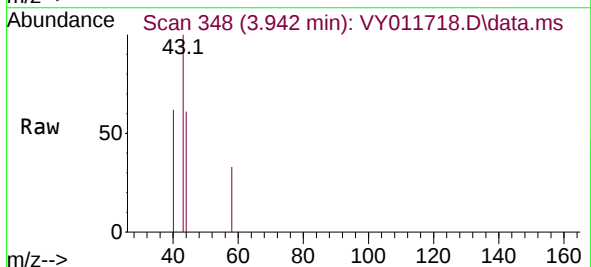
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

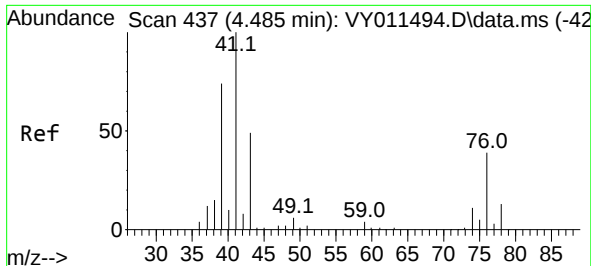
Tgt Ion: 59 Resp: 1586
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.947 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 43 Resp: 1900
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

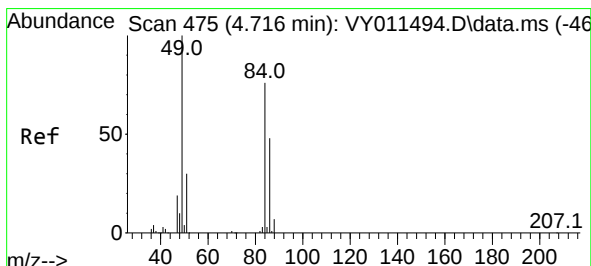
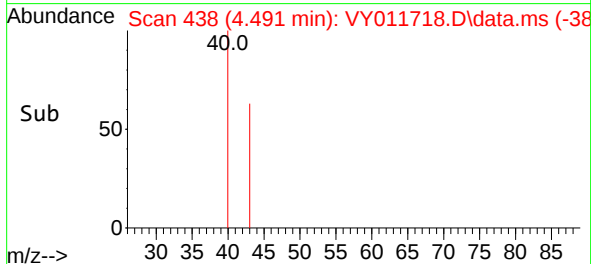
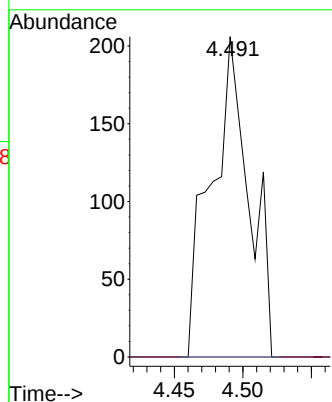
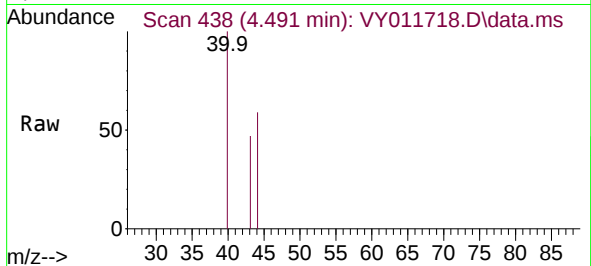




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 418
Delta R.T. 0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

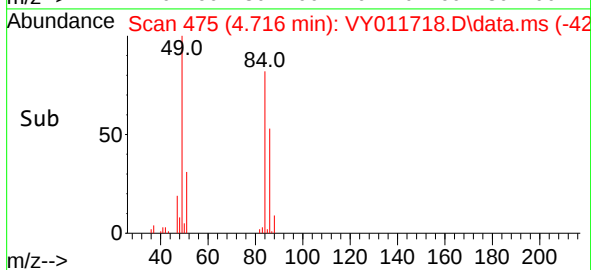
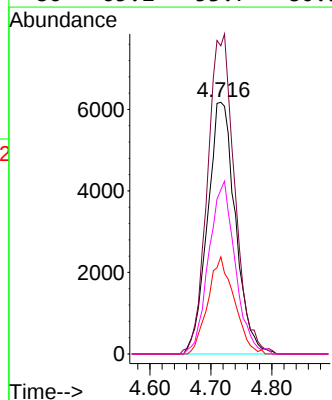
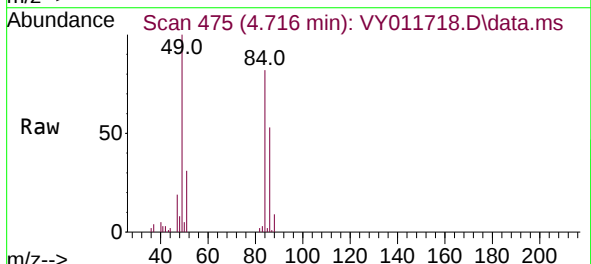
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

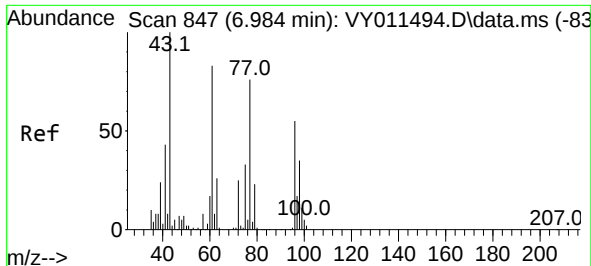
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 84 Resp: 19589
Ion Ratio Lower Upper
84 100
49 122.4 114.4 171.6
51 38.6 35.3 52.9
86 65.2 53.7 80.5

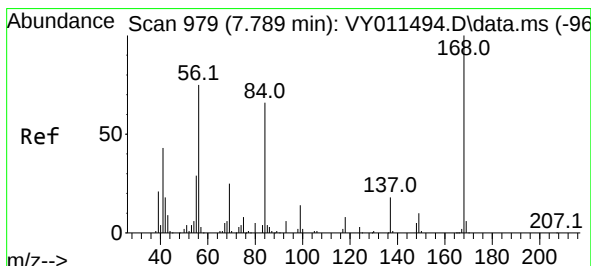
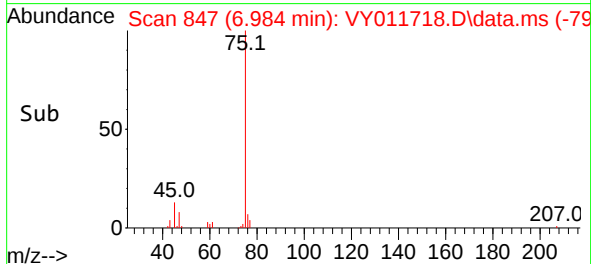
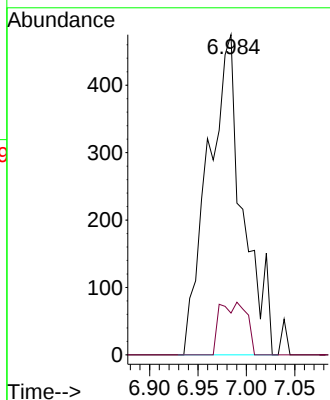
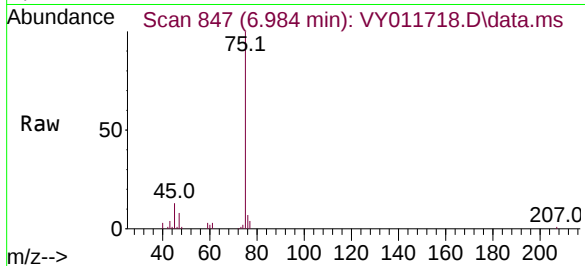




#25
2-Butanone
Concen: 1.399 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

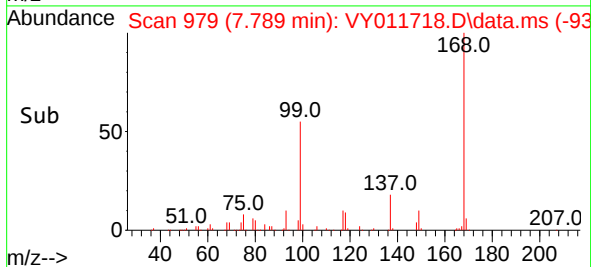
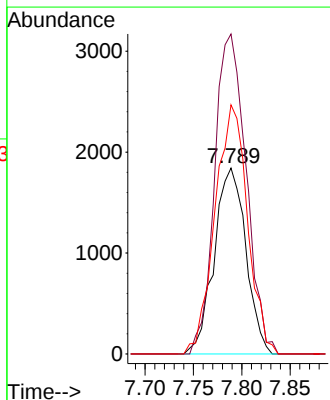
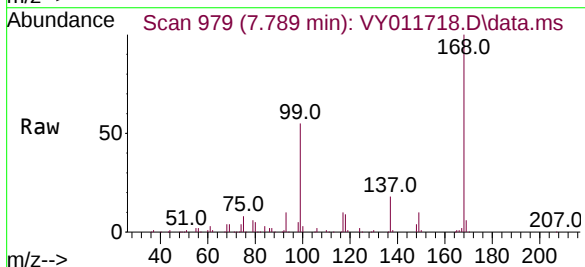
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

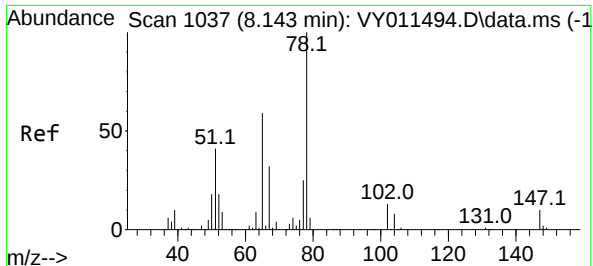
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
72 13.1 17.7 26.5#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 56 Resp: 4193
Ion Ratio Lower Upper
56 100
69 172.1 26.7 40.1#
84 134.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.506 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011718.D

Acq: 06 Dec 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

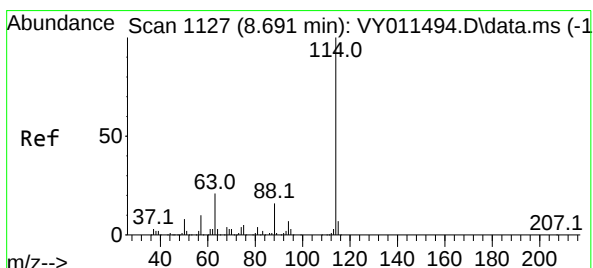
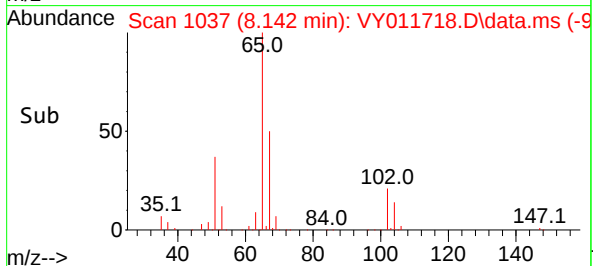
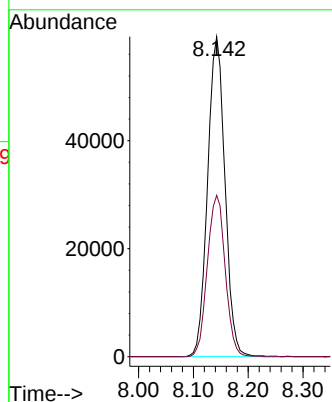
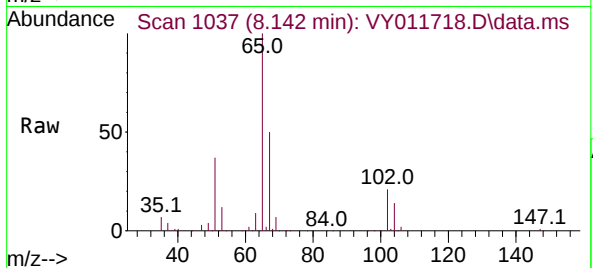
JC-04-120522

Tgt Ion: 65 Resp: 130022

Ion Ratio Lower Upper

65 100

67 51.9 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: VY011718.D

Acq: 06 Dec 2022 15:12

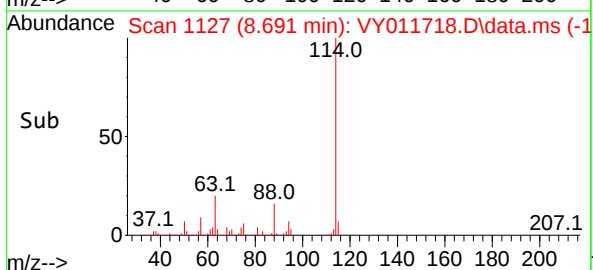
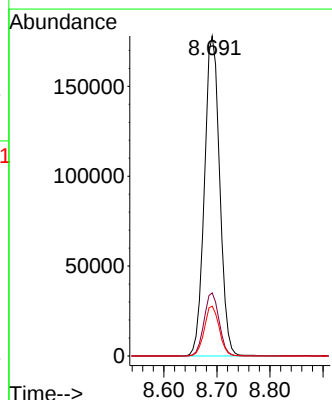
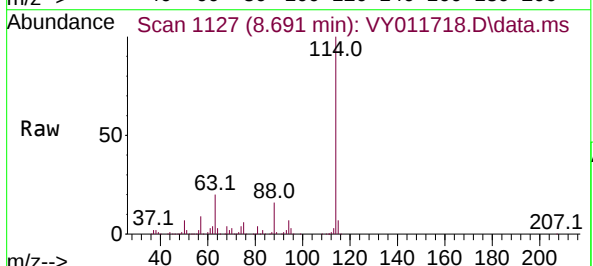
Tgt Ion: 114 Resp: 354817

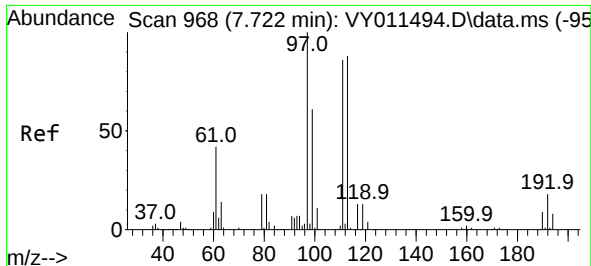
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.6 0.0 31.8

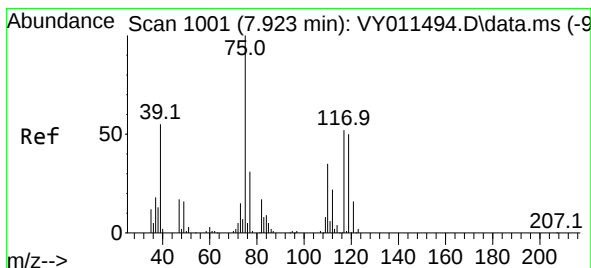
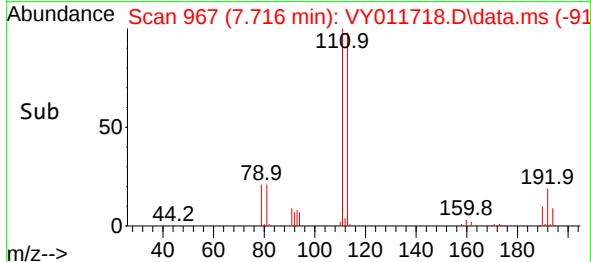
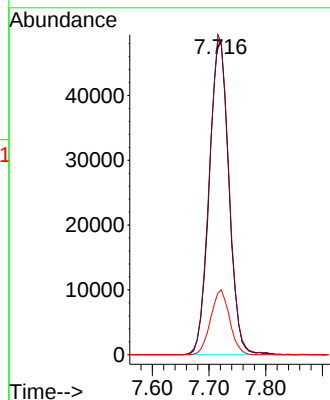
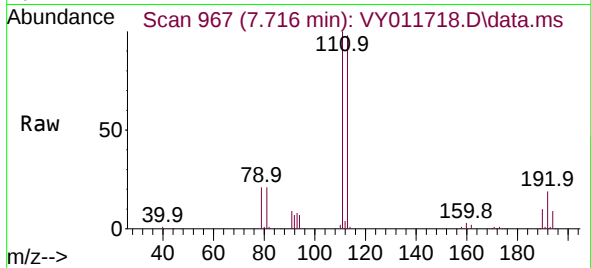




#35
Dibromofluoromethane
Concen: 53.342 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

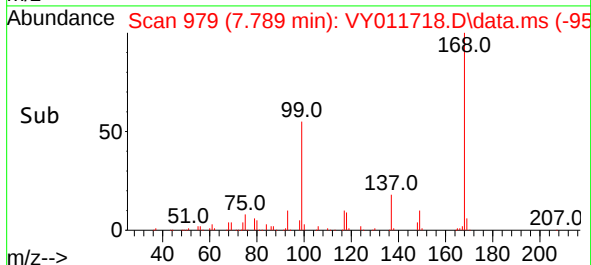
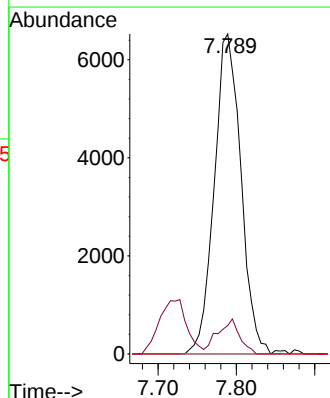
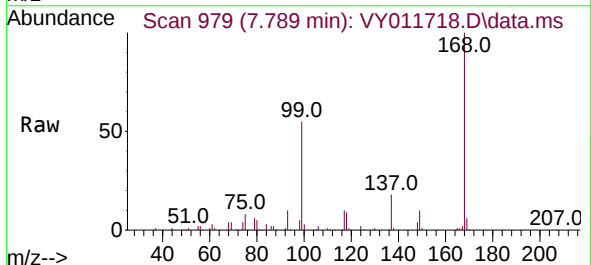
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

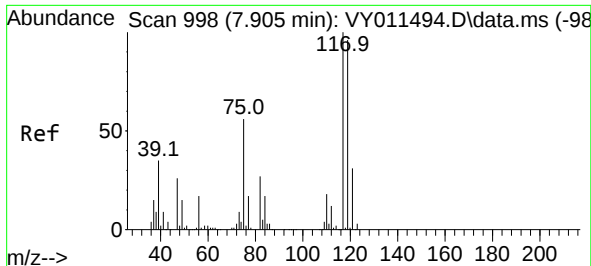
Tgt Ion:113 Resp: 116511
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 75 Resp: 15425
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

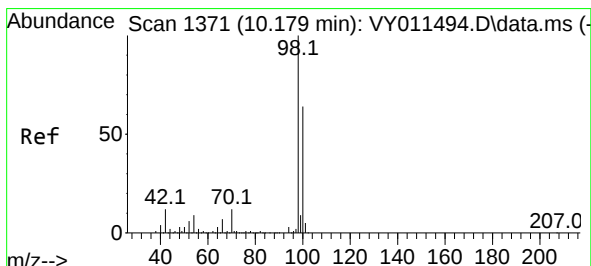
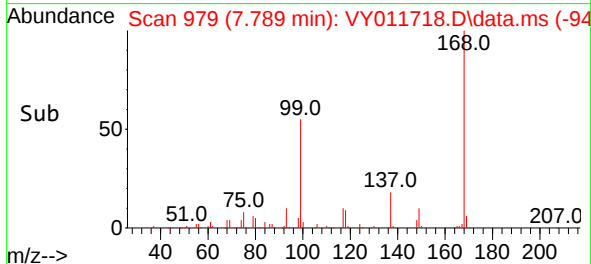
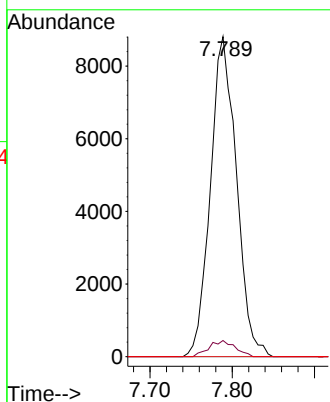
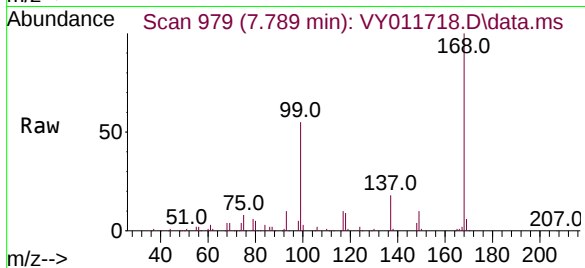




#38
Carbon Tetrachloride
Concen: 5.076 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

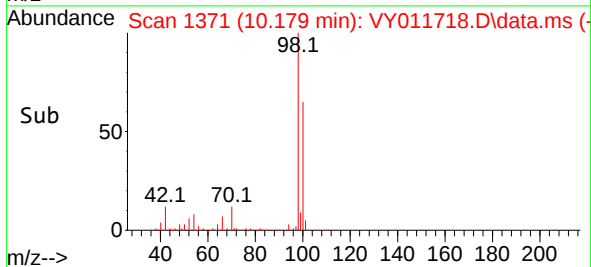
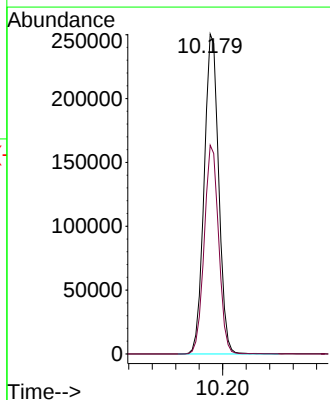
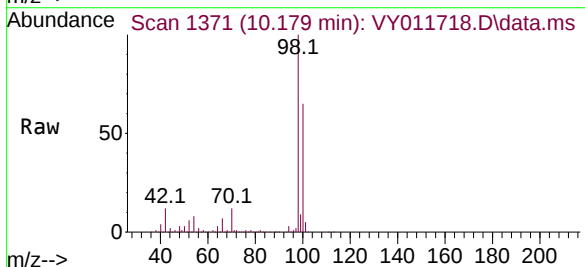
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

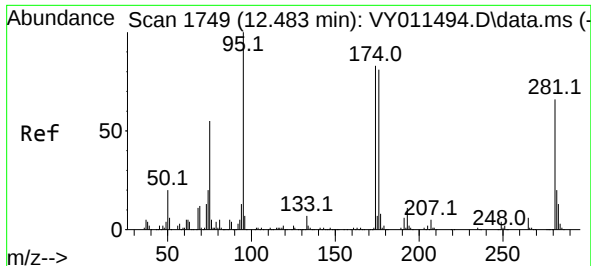
Tgt Ion:117 Resp: 19391
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 98 Resp: 429413
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

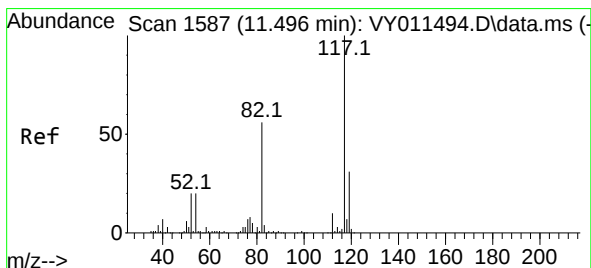
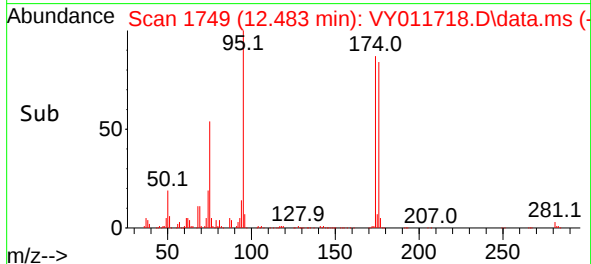
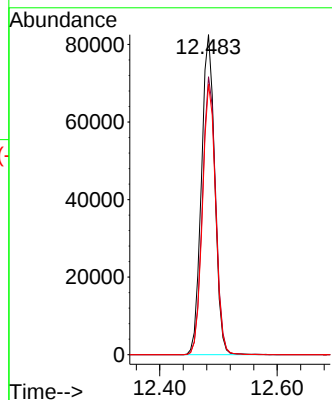
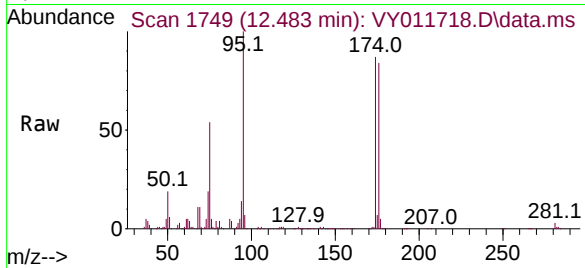




#62
4-Bromofluorobenzene
Concen: 44.370 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

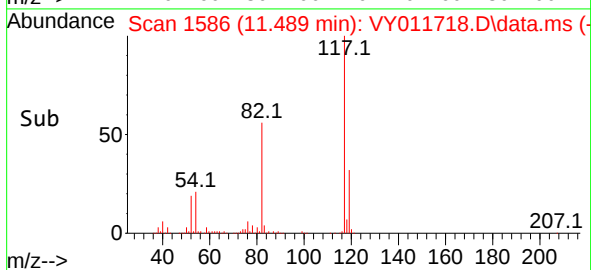
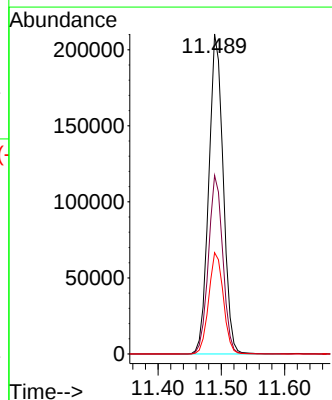
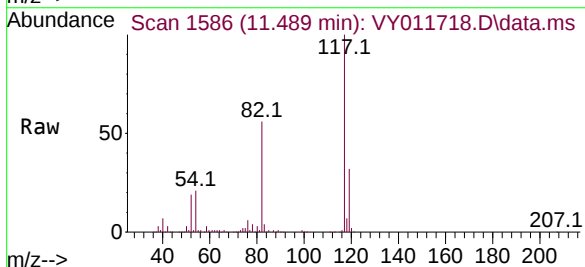
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

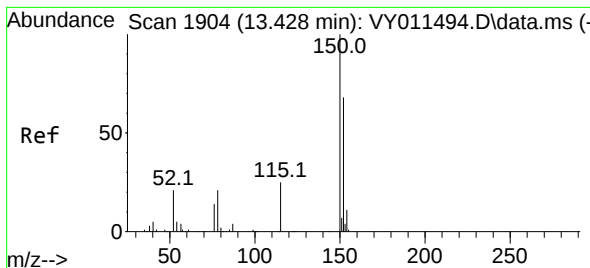
Tgt Ion: 95 Resp: 130211
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 117 Resp: 334214
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.7 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: VY011718.D

Acq: 06 Dec 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

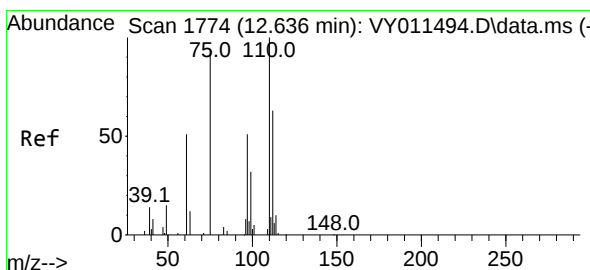
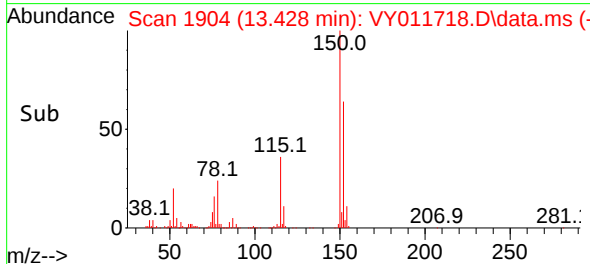
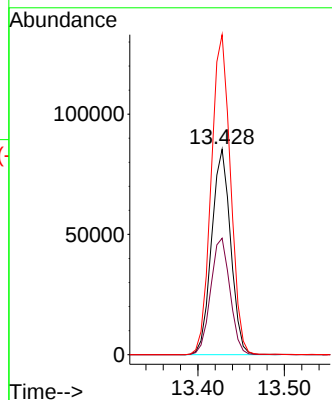
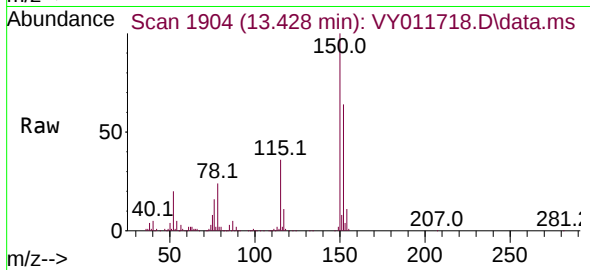
Tgt Ion:152 Resp: 130369

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 158.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.991 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY011718.D

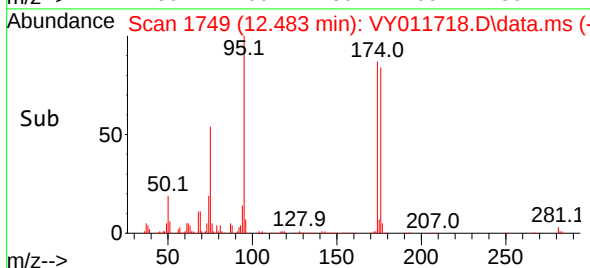
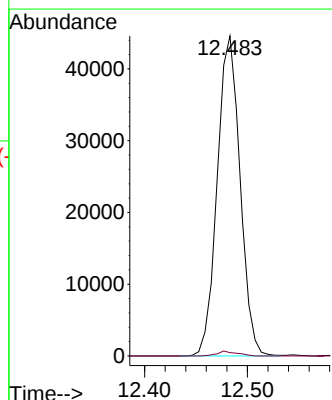
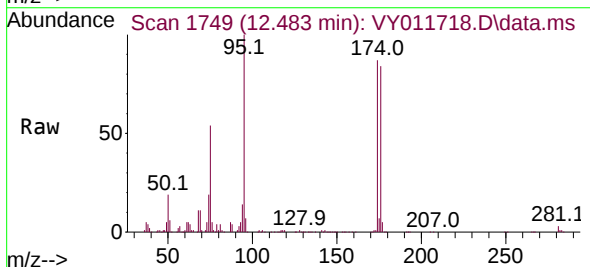
Acq: 06 Dec 2022 15:12

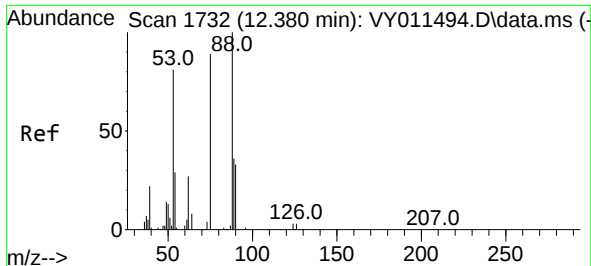
Tgt Ion: 75 Resp: 68783

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

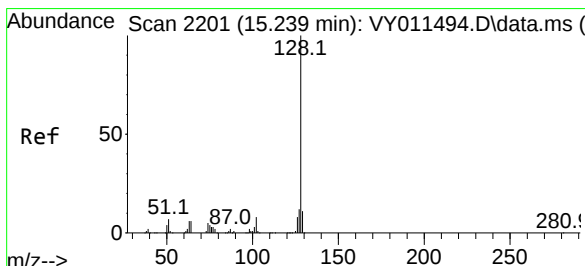
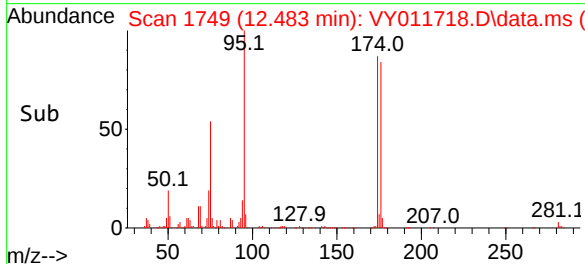
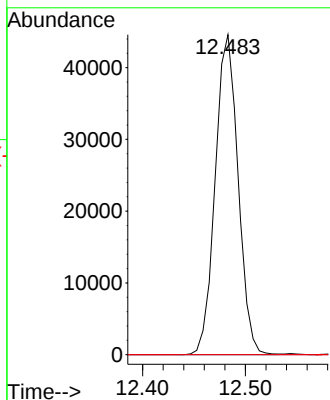
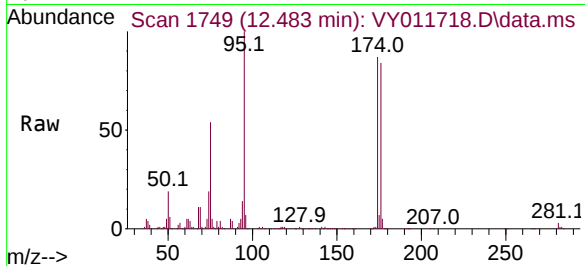




#81
trans-1,4-Dichloro-2-butene
Concen: 107.307 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

Tgt Ion: 75 Resp: 68783
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.317 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011718.D
Acq: 06 Dec 2022 15:12

Tgt Ion: 128 Resp: 1493
Ion Ratio Lower Upper
128 100
127 14.5 11.0 16.4
129 9.7 8.4 12.6

