

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011717.D
 Acq On : 06 Dec 2022 14:40
 Operator : KP/MD
 Sample : N5885-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-04-120522

Quant Time: Dec 06 23:45:33 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)

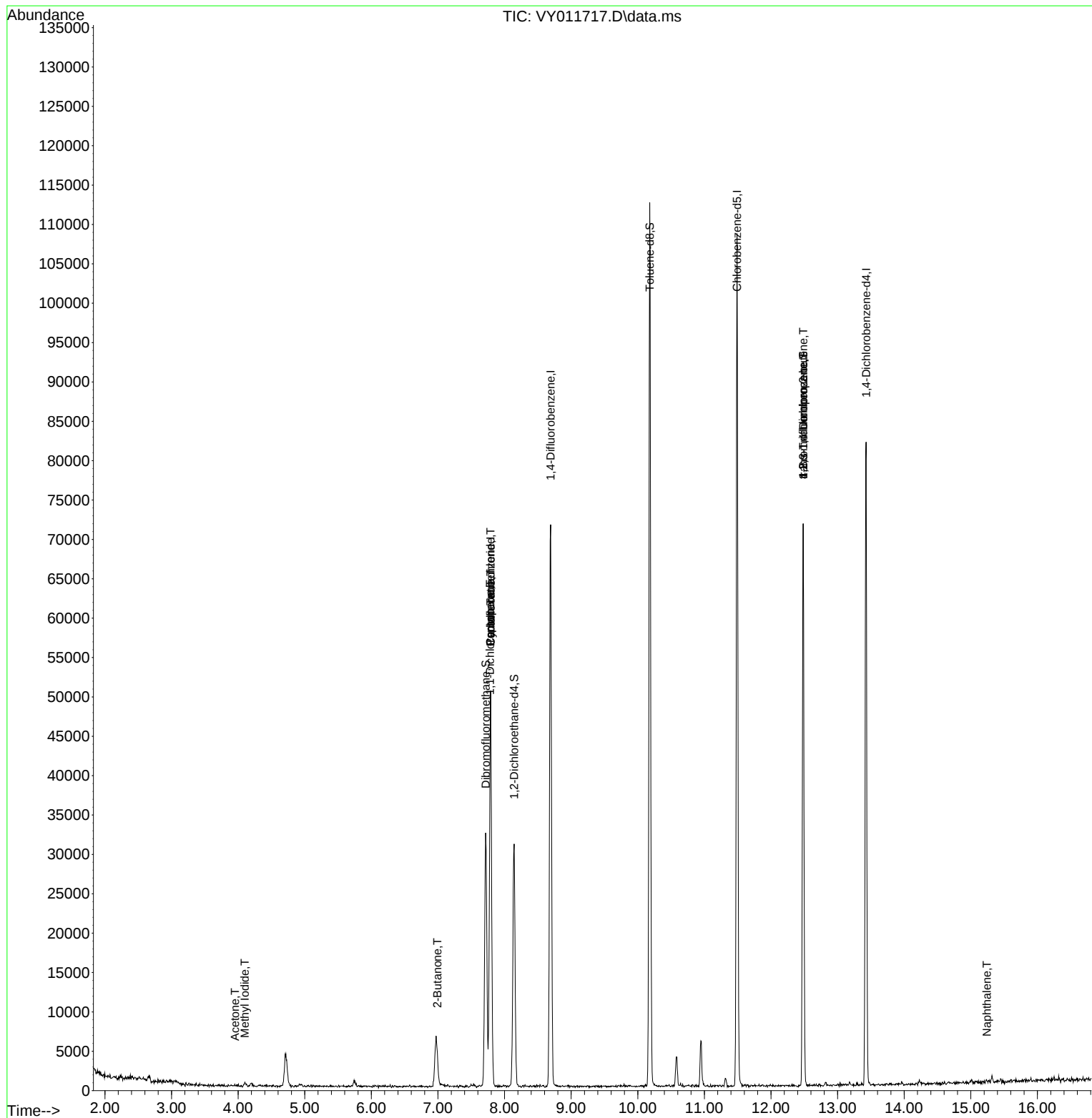
Internal Standards						
1) Pentafluorobenzene	7.789	168	38066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	62761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24382	63.081	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.160%			
35) Dibromofluoromethane	7.716	113	22750	58.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.760%			
50) Toluene-d8	10.179	98	75762	53.963	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.483	95	21369	41.166	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.340%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	175	Below Cal	#	81
5) Bromomethane	2.668	94	215	Below Cal	#	37
10) Methyl Iodide	4.101	142	620	1.457	ug/l #	80
11) Tert butyl alcohol	4.936	59	177	Below Cal	#	77
16) Acetone	3.954	43	192	1.529	ug/l #	47
20) Methylene Chloride	4.710	84	3150	Below Cal	#	79
25) 2-Butanone	6.990	43	241	1.461	ug/l #	54
31) Cyclohexane	7.789	56	848	1.324	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2846	4.713	ug/l #	49
38) Carbon Tetrachloride	7.789	117	3885	5.750	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	11062	45.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11062	99.371	ug/l #	7
95) Naphthalene	15.239	128	265	4.324	ug/l #	69

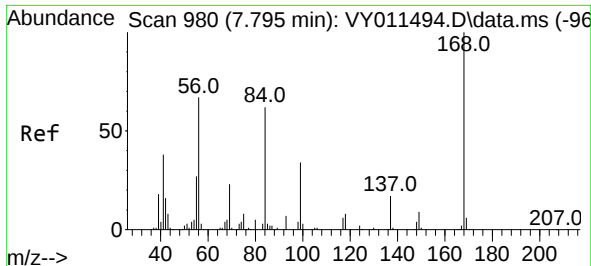
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
Data File : VY011717.D
Acq On : 06 Dec 2022 14:40
Operator : KP/MD
Sample : N5885-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

Quant Time: Dec 06 23:45:33 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

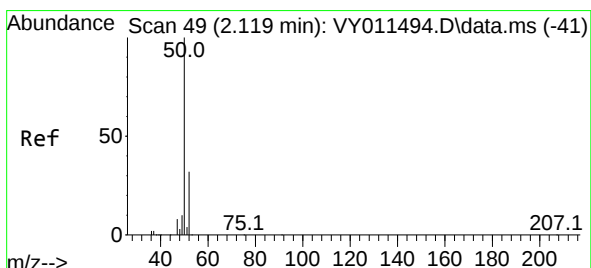
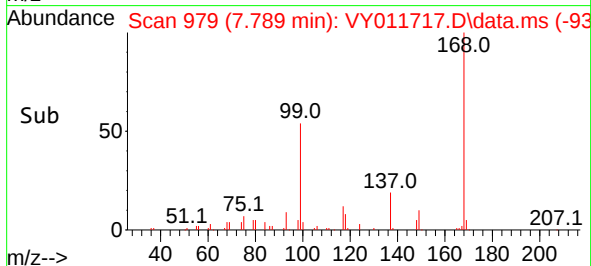
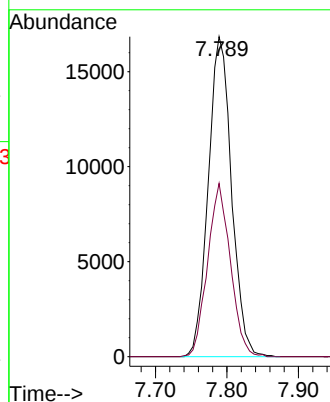
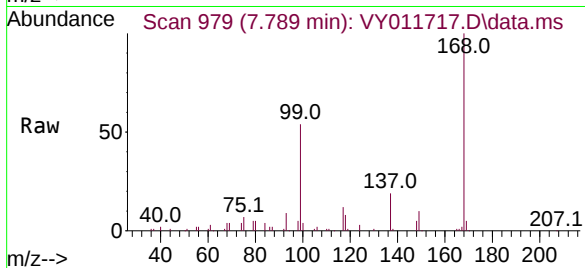




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

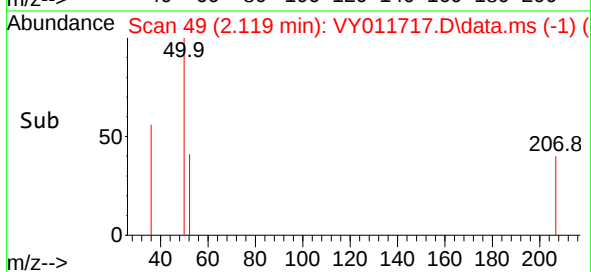
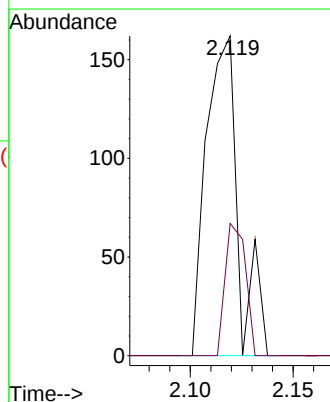
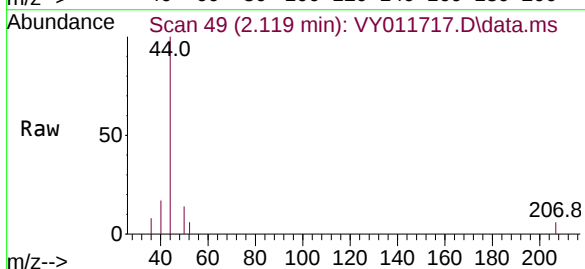
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

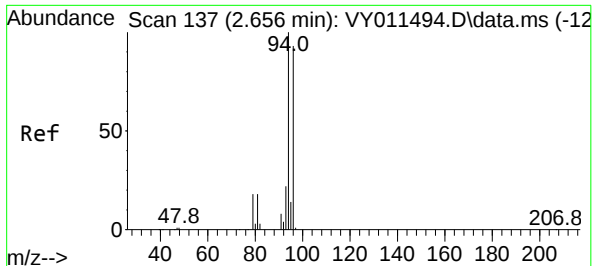
Tgt Ion:168 Resp: 38066
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 41.4 24.6 37.0#

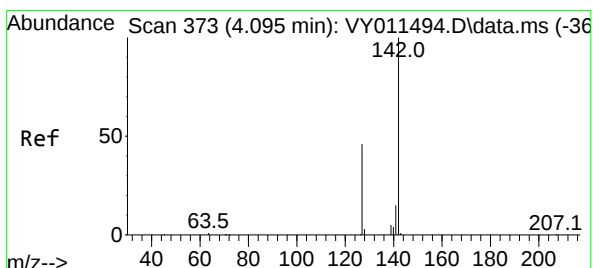
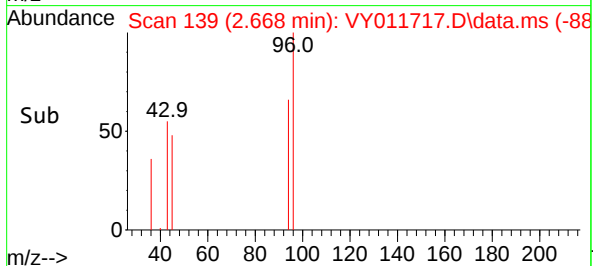
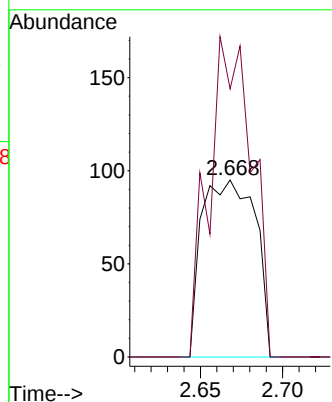
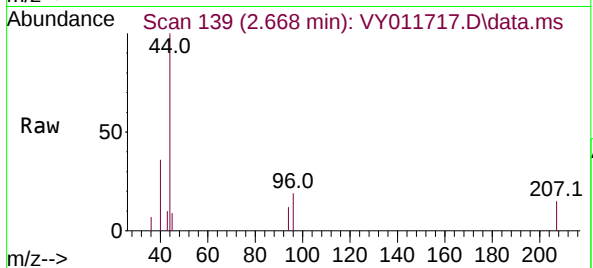




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

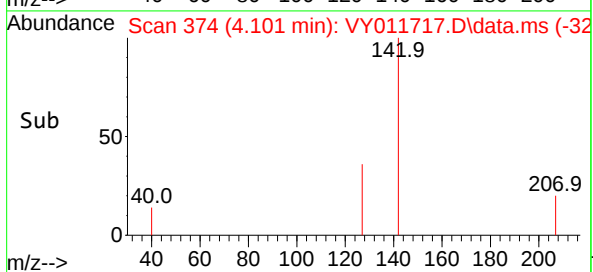
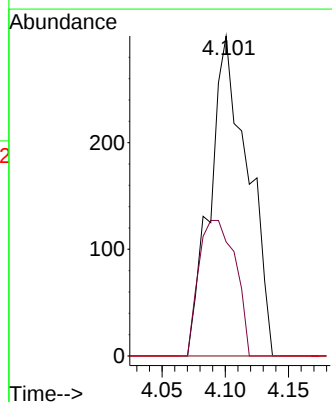
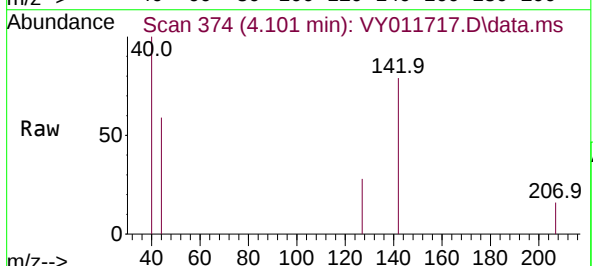
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

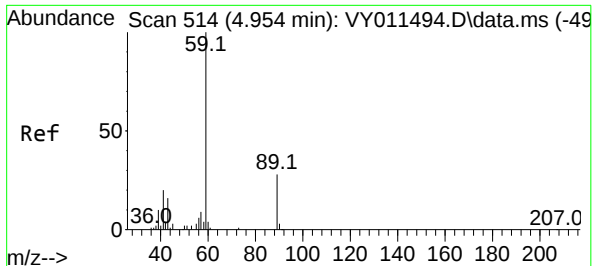
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 151.6 73.5 110.3#



#10
Methyl Iodide
Concen: 1.457 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 142 Resp: 620
Ion Ratio Lower Upper
142 100
127 41.0 41.5 62.3#
141 0.0 11.9 17.9#

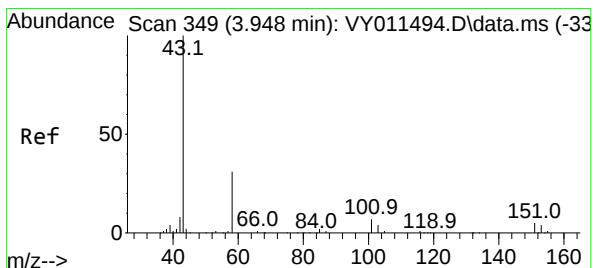
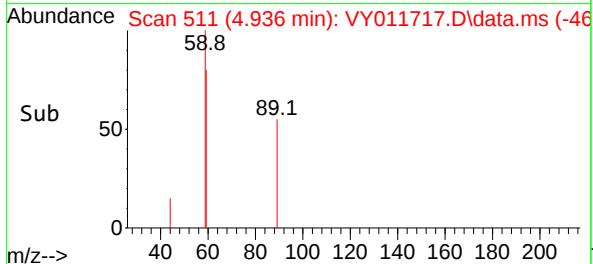
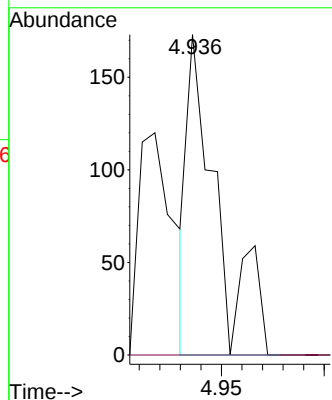
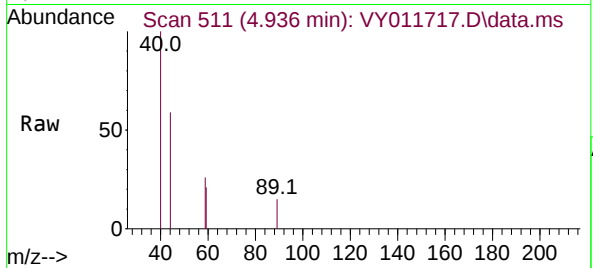




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

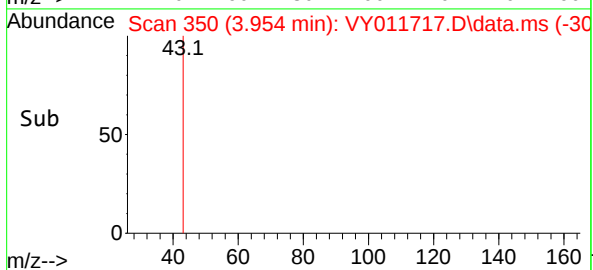
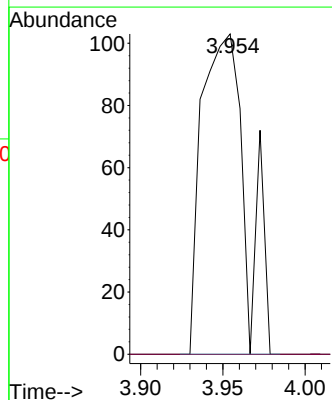
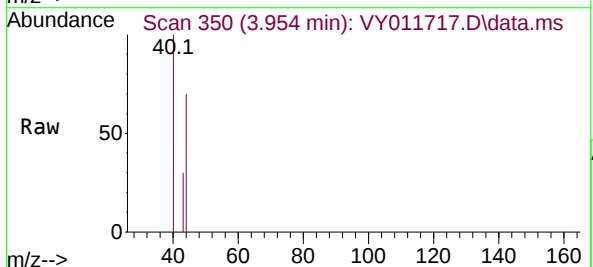
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

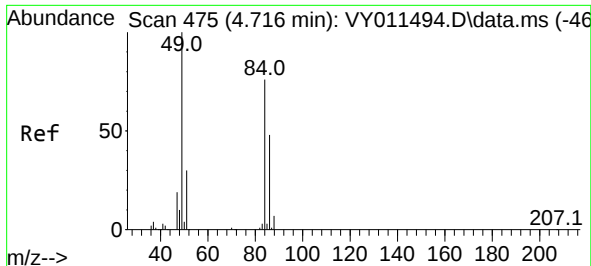
Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.529 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY011717.D

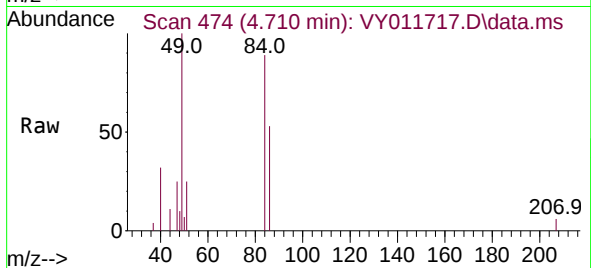
Acq: 06 Dec 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522



Tgt Ion: 84 Resp: 3150

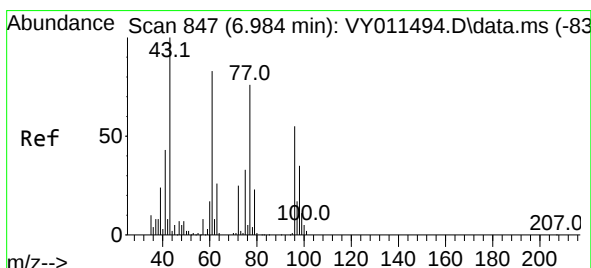
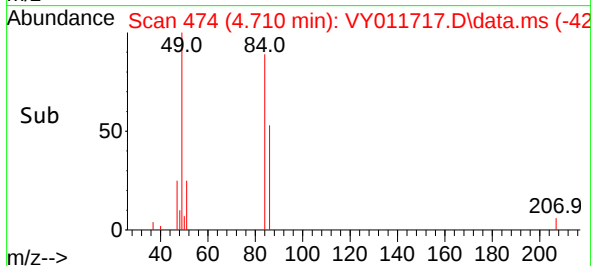
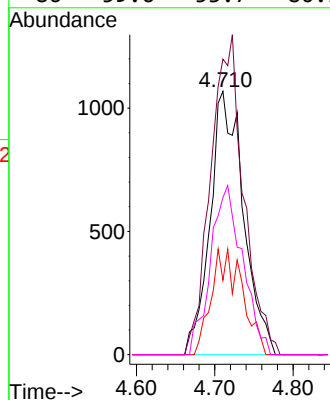
Ion Ratio Lower Upper

84 100

49 112.3 114.4 171.6#

51 28.3 35.3 52.9#

86 59.6 53.7 80.5



#25

2-Butanone

Concen: 1.461 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY011717.D

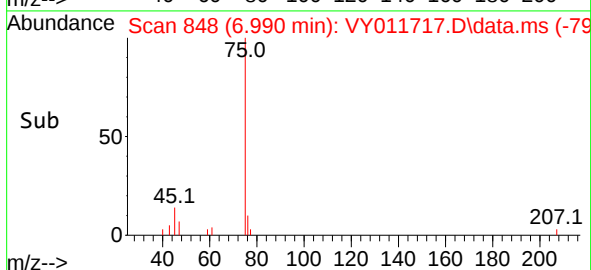
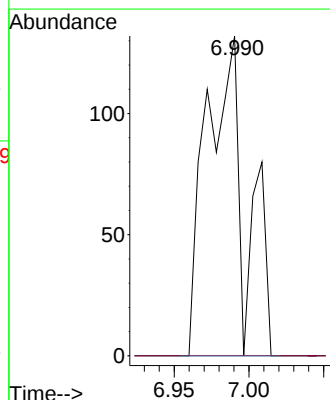
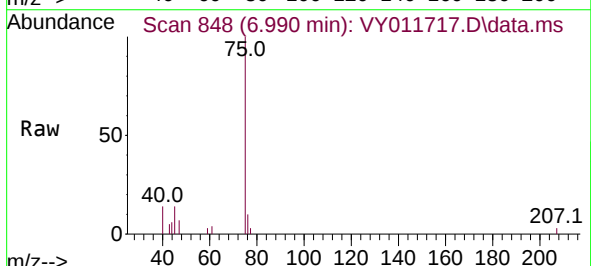
Acq: 06 Dec 2022 14:40

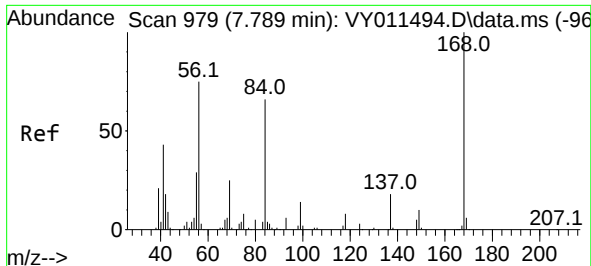
Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#

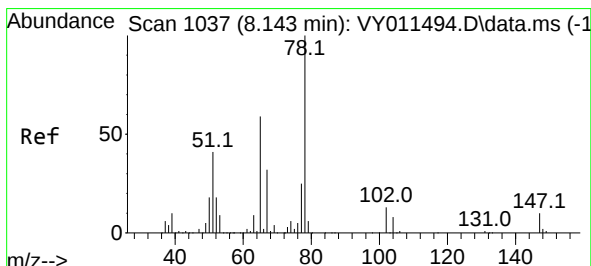
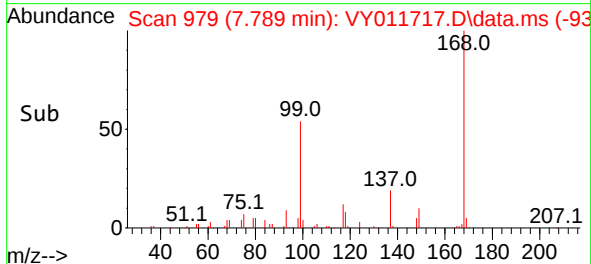
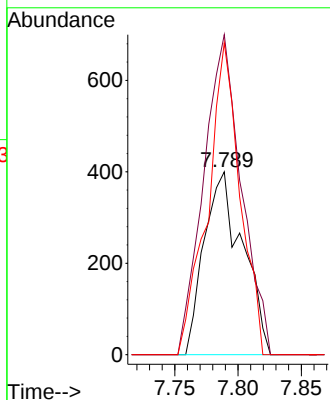
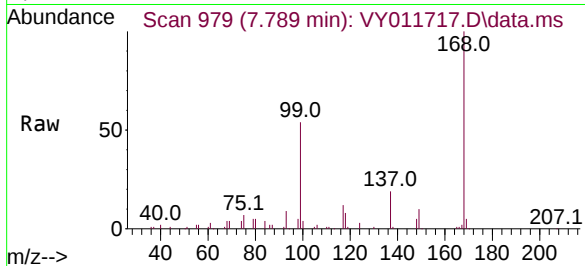




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

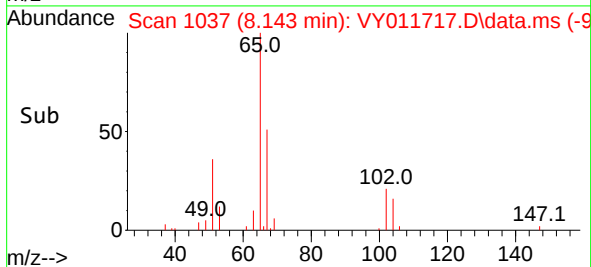
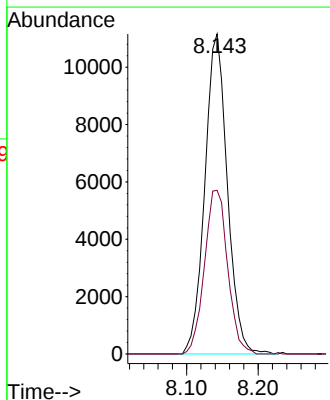
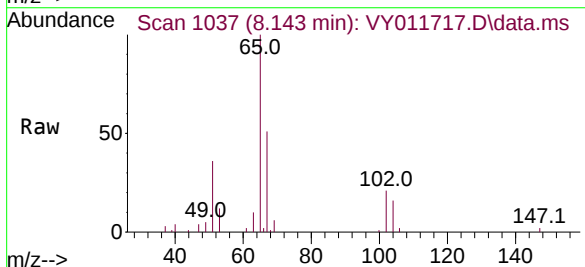
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

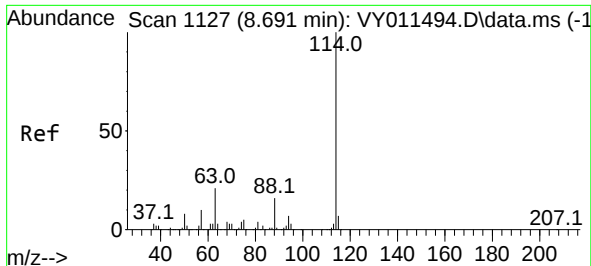
Tgt Ion: 56 Resp: 848
Ion Ratio Lower Upper
56 100
69 175.0 26.7 40.1#
84 170.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.081 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 65 Resp: 24382
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

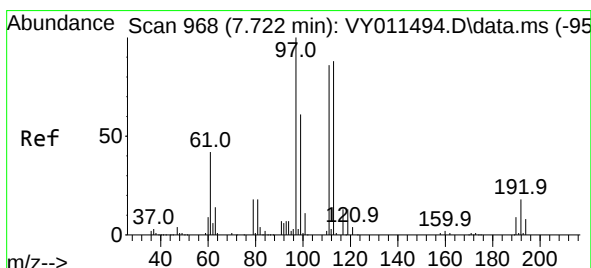
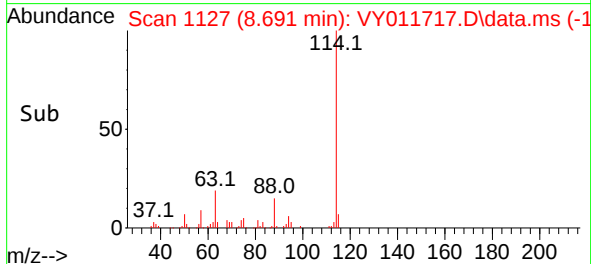
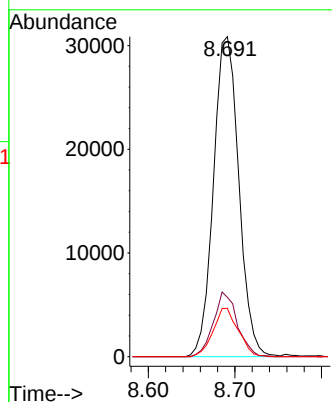
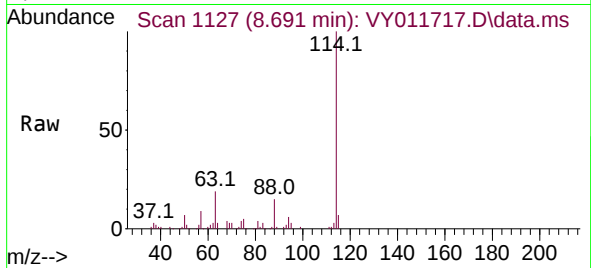




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

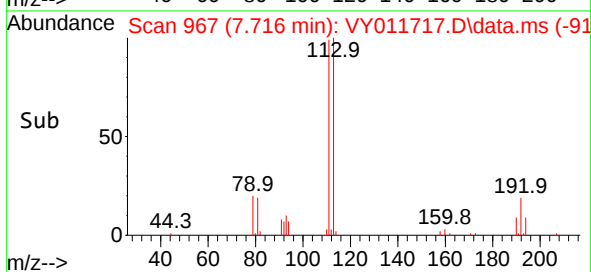
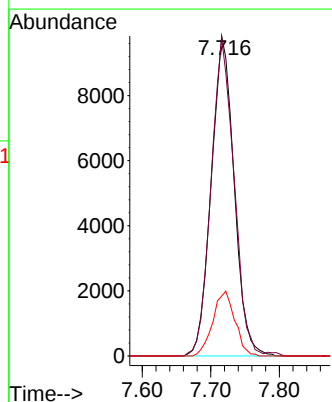
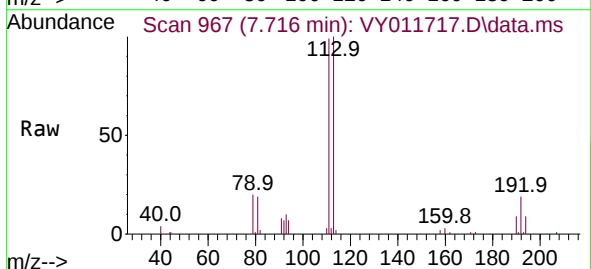
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

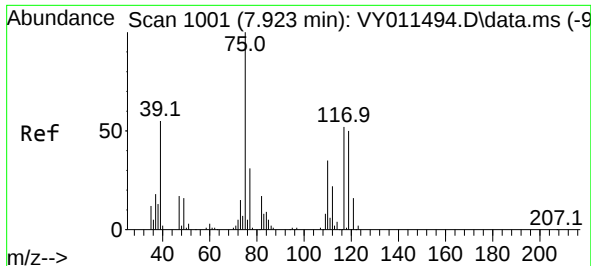
Tgt Ion:	114	Resp:	62761
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 58.884 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion:	113	Resp:	22750
Ion	Ratio	Lower	Upper
113	100		
111	99.5	82.6	124.0
192	19.5	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.713 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

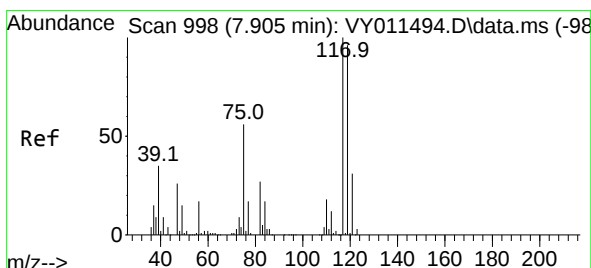
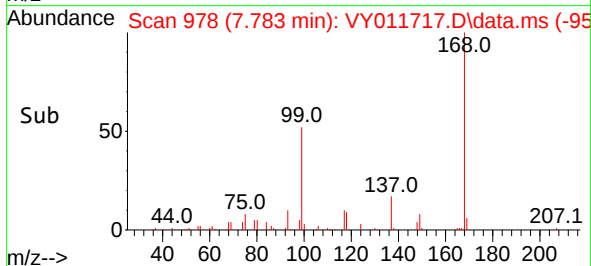
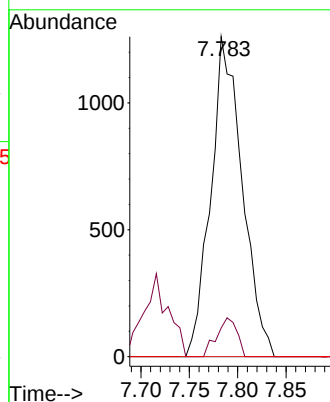
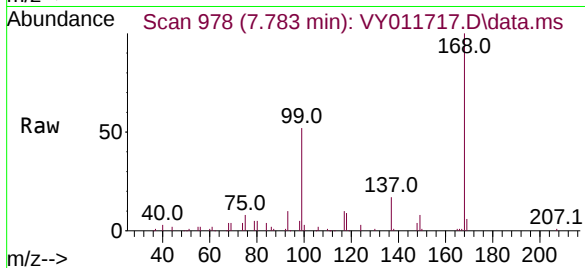
Tgt Ion: 75 Resp: 2846

Ion Ratio Lower Upper

75 100

110 7.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.750 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

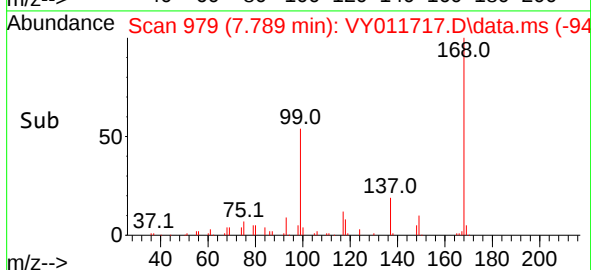
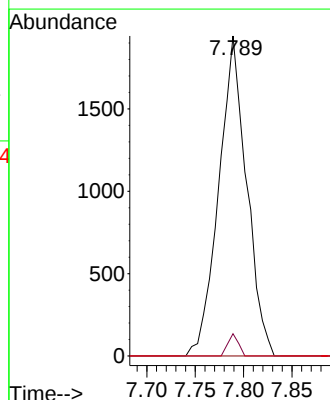
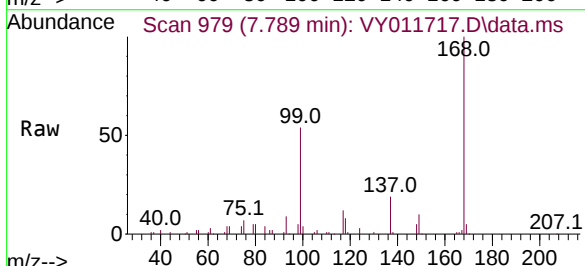
Tgt Ion: 117 Resp: 3885

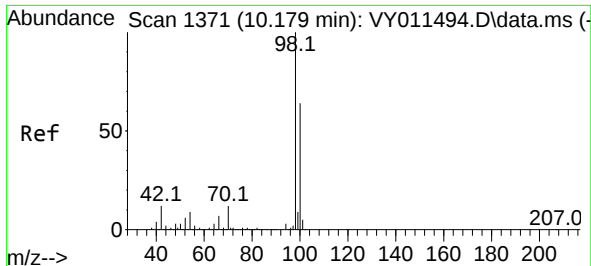
Ion Ratio Lower Upper

117 100

119 6.9 77.9 116.9#

121 0.0 24.8 37.2#

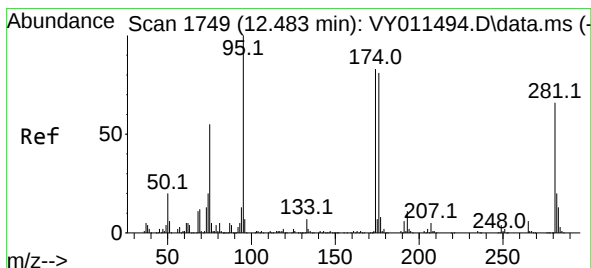
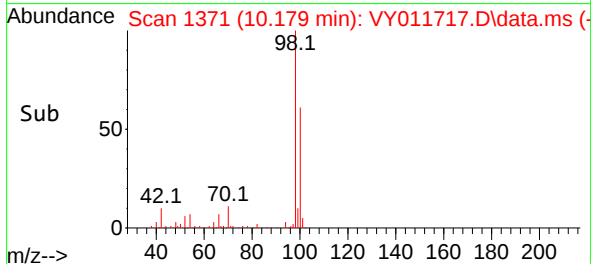
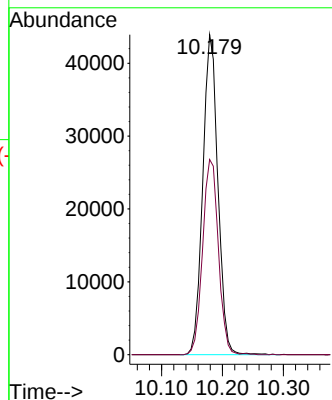
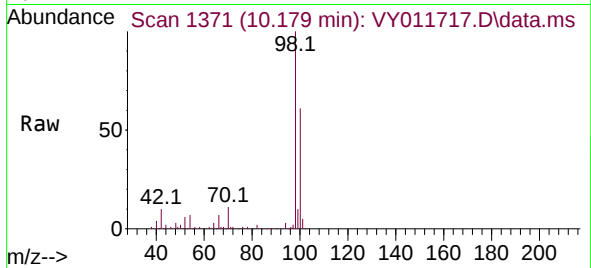




#50
Toluene-d8
Concen: 53.963 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

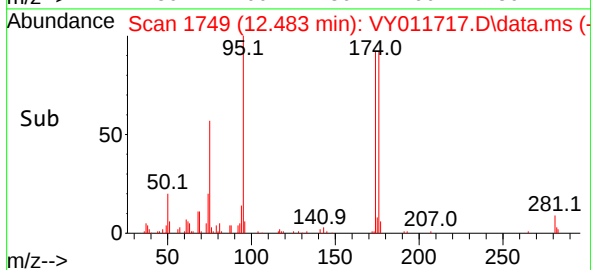
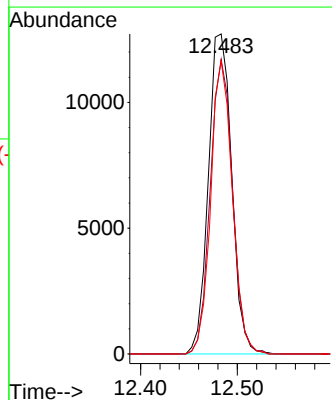
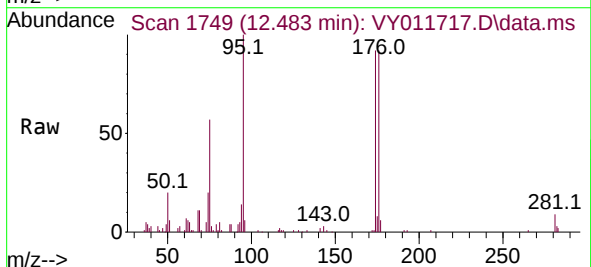
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

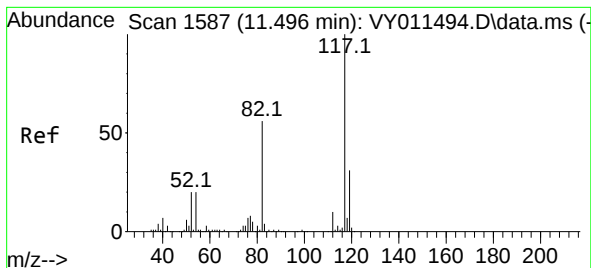
Tgt Ion: 98 Resp: 75762
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 95 Resp: 21369
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 84.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

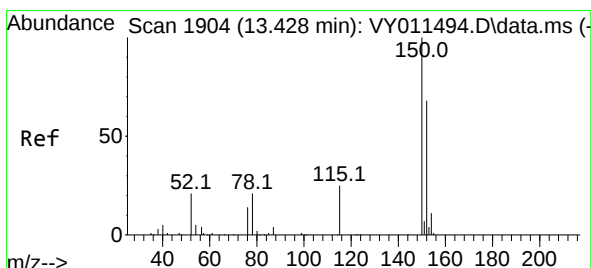
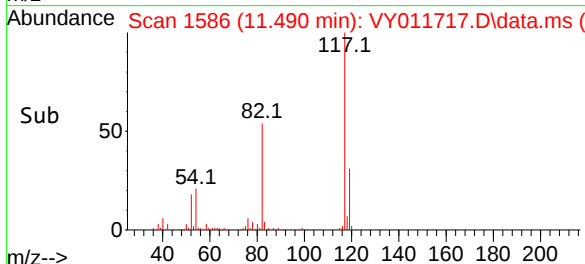
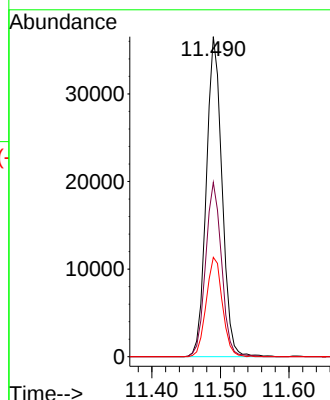
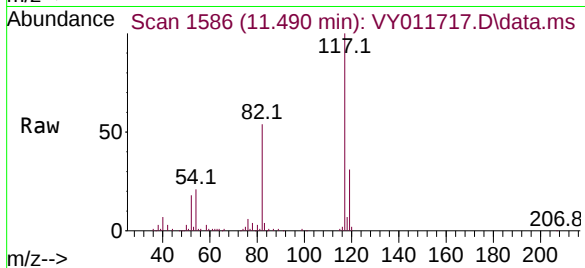
Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522

Tgt Ion:117	Resp:	58395
Ion	Ratio	Lower Upper
117	100	
82	54.5	43.0 64.4
119	31.0	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

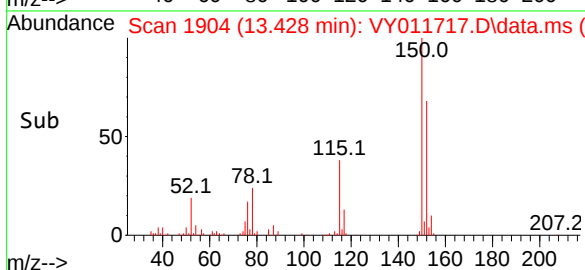
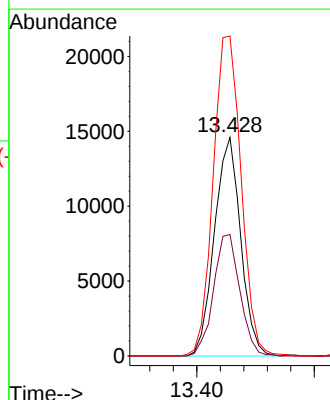
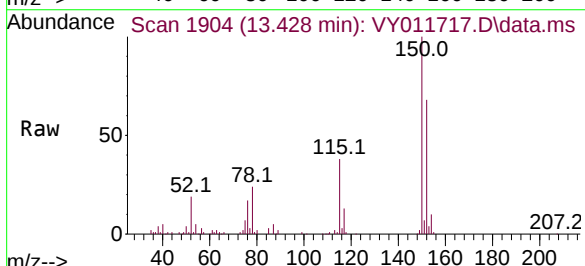
RT: 13.428 min Scan# 1904

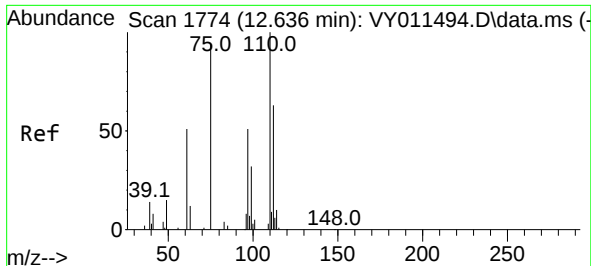
Delta R.T. 0.000 min

Lab File: VY011717.D

Acq: 06 Dec 2022 14:40

Tgt Ion:152	Resp:	22641
Ion	Ratio	Lower Upper
152	100	
115	55.8	28.2 84.7
150	156.0	0.0 347.6

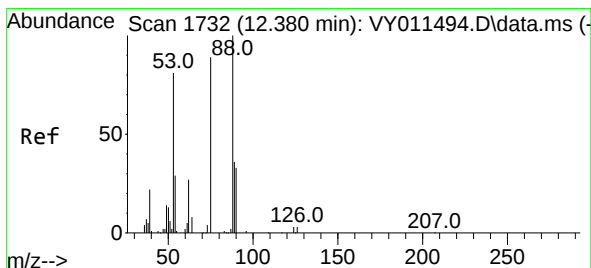
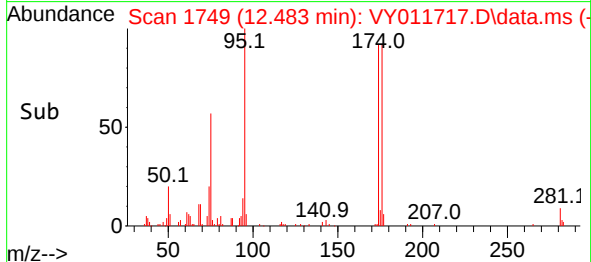
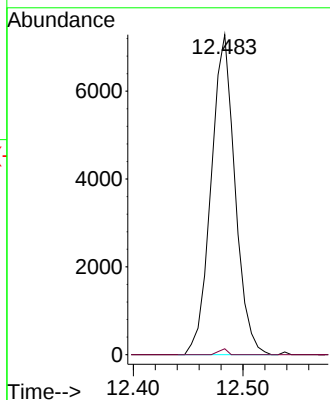
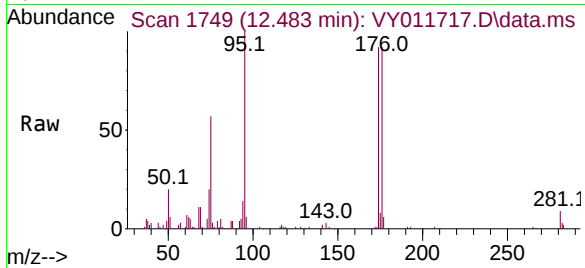




#76
1,2,3-Trichloropropane
Concen: 45.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

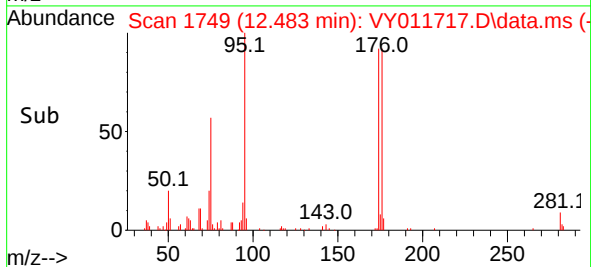
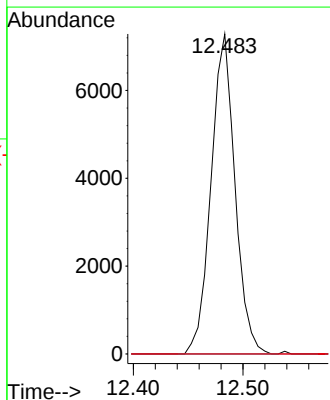
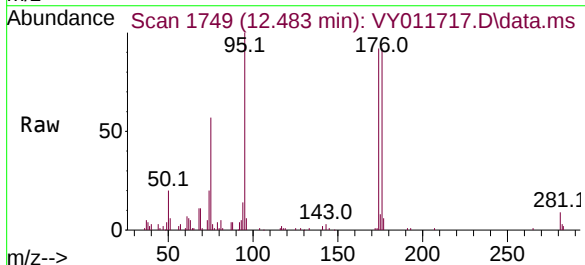
Instrument :
MSVOA_Y
ClientSampleId :
JC-04-120522

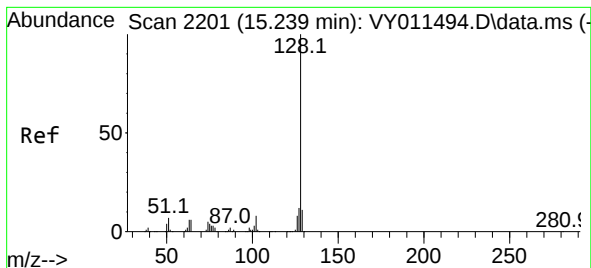
Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011717.D
Acq: 06 Dec 2022 14:40

Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 4.324 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011717.D

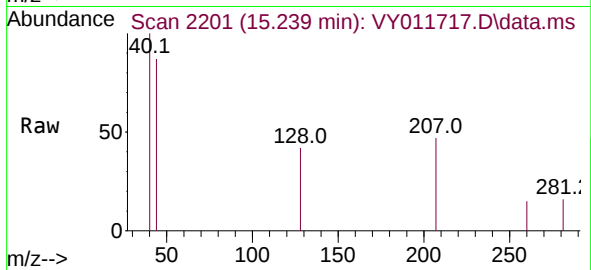
Acq: 06 Dec 2022 14:40

Instrument :

MSVOA_Y

ClientSampleId :

JC-04-120522



Tgt Ion:128 Resp: 265

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

