

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010174.D
 Acq On : 23 Aug 2022 18:44
 Operator : KP/MD
 Sample : N4273-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-081922

Quant Time: Aug 24 04:34:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

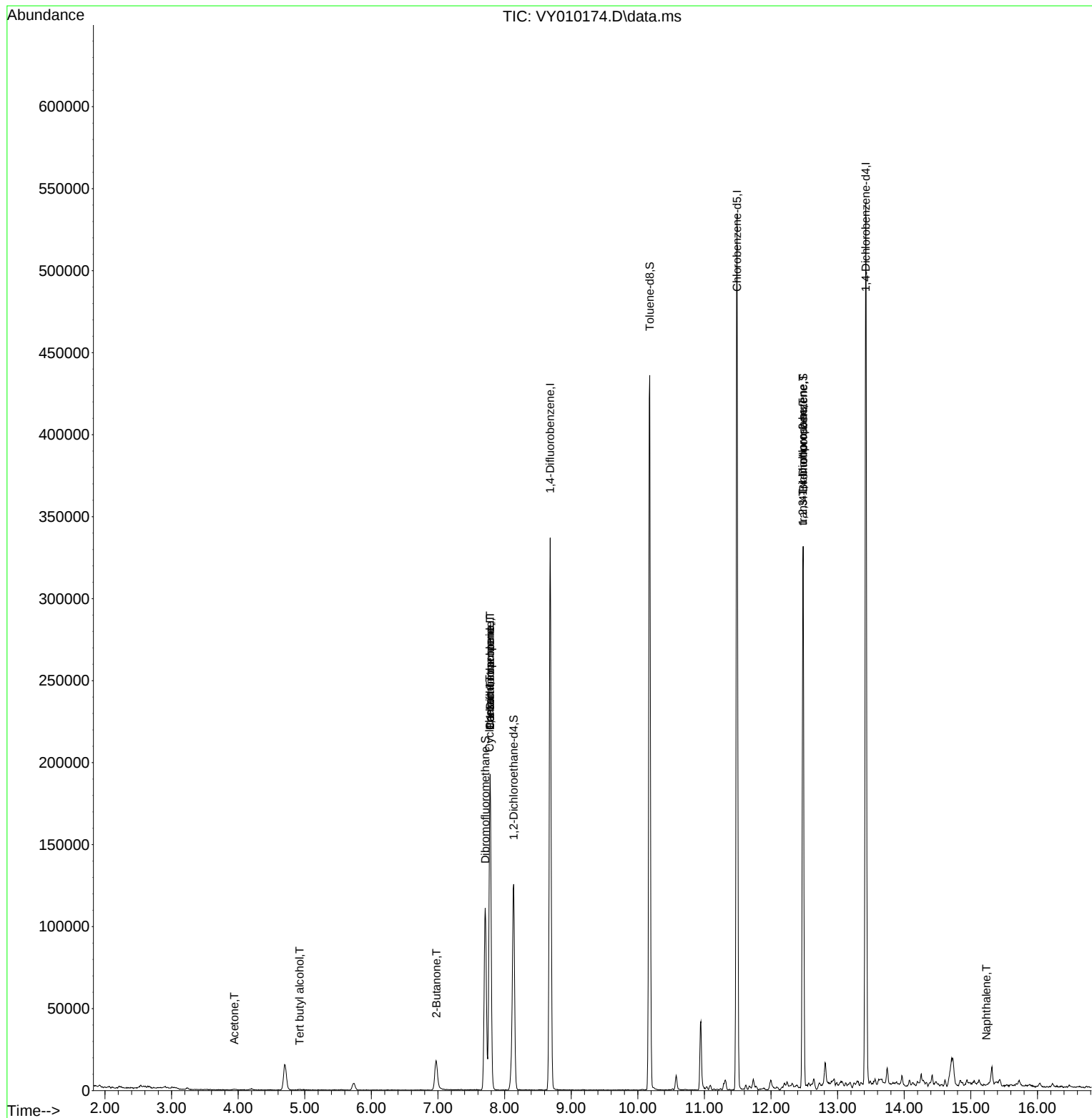
Internal Standards						
1) Pentafluorobenzene	7.783	168	152537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87501	70.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.060%	
35) Dibromofluoromethane	7.710	113	80266	49.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.900%	
50) Toluene-d8	10.179	98	293509	48.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.483	95	97841	45.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	283	12.548	ug/l #	73
16) Acetone	3.942	43	887	2.837	ug/l	96
20) Methylene Chloride	4.704	84	11971	Below Cal		88
25) 2-Butanone	6.978	43	1071	2.129	ug/l #	46
31) Cyclohexane	7.777	56	3160	1.234	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	10911	4.253	ug/l #	48
38) Carbon Tetrachloride	7.783	117	14286	5.310	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49247	36.902	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49247	74.118	ug/l #	18
95) Naphthalene	15.233	128	511	3.974	ug/l #	69

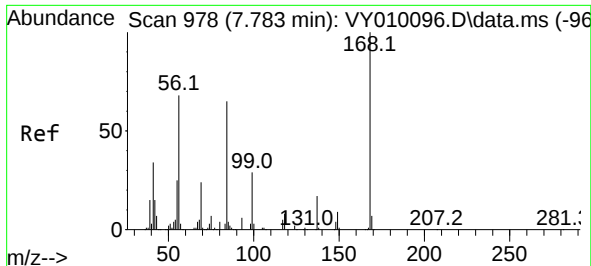
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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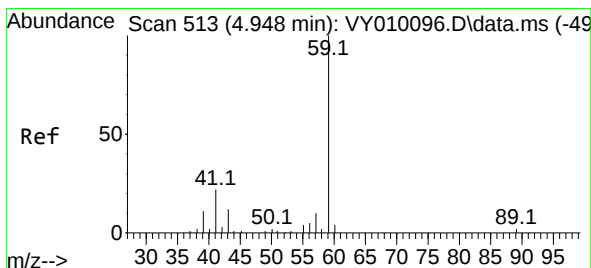
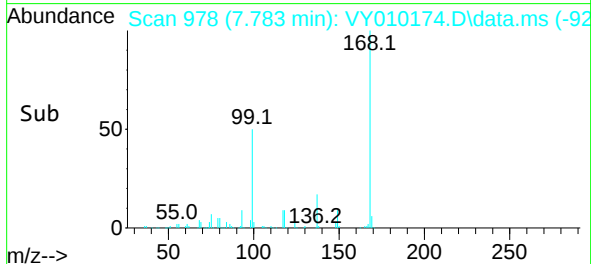
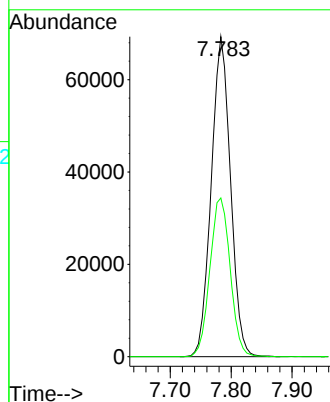
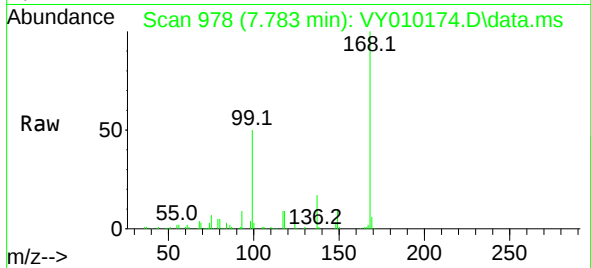




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

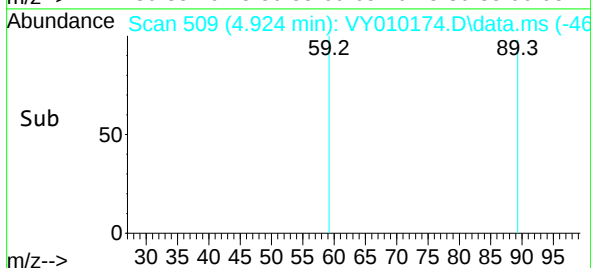
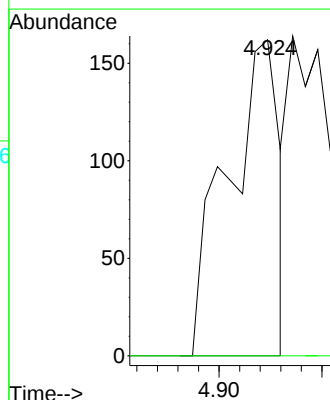
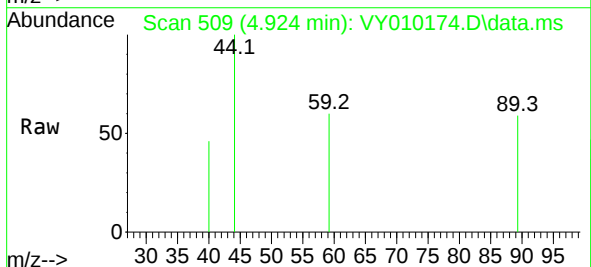
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

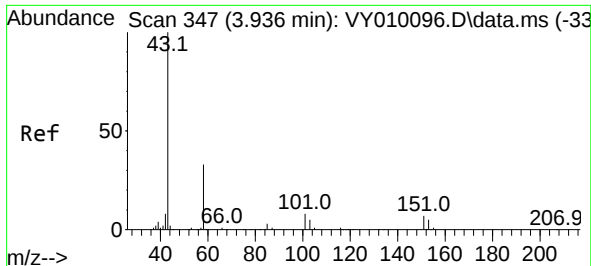
Tgt Ion:168 Resp: 152537
Ion Ratio Lower Upper
168 100
99 49.6 40.7 61.1



#11
Tert butyl alcohol
Concen: 12.548 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Tgt Ion: 59 Resp: 283
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

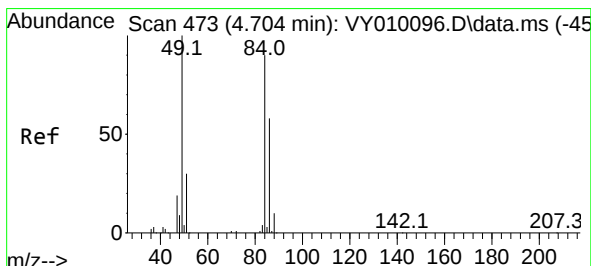
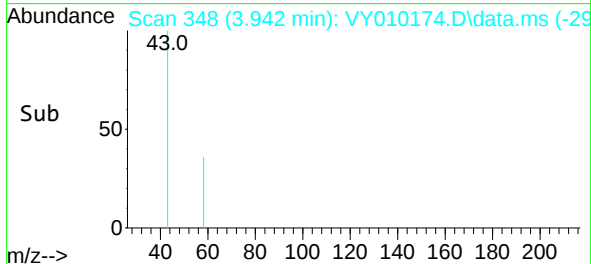
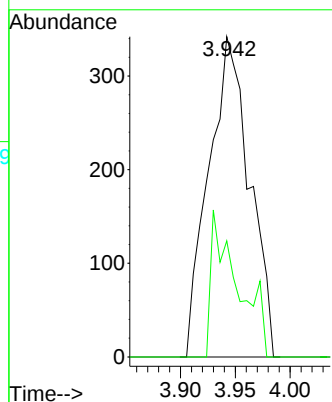
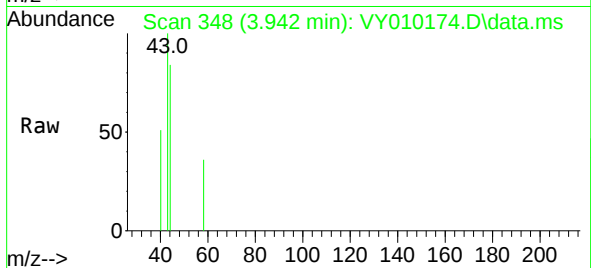




#16
Acetone
Concen: 2.837 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

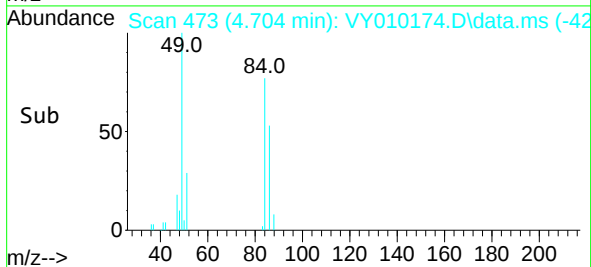
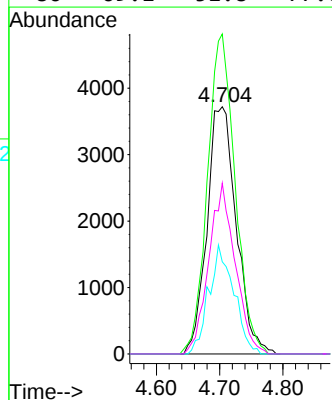
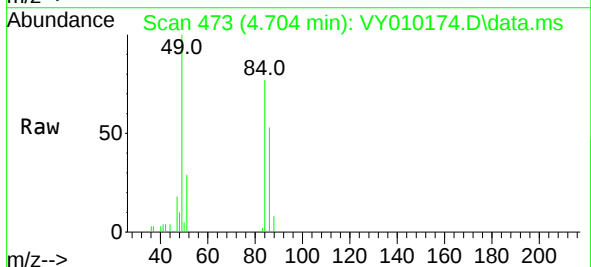
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

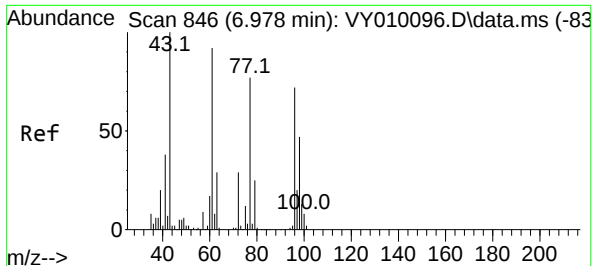
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 36.3 27.4 41.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Tgt Ion: 84 Resp: 11971
Ion Ratio Lower Upper
84 100
49 129.5 89.0 133.4
51 37.3 27.0 40.6
86 69.1 51.8 77.6





#25

2-Butanone

Concen: 2.129 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010174.D

Acq: 23 Aug 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

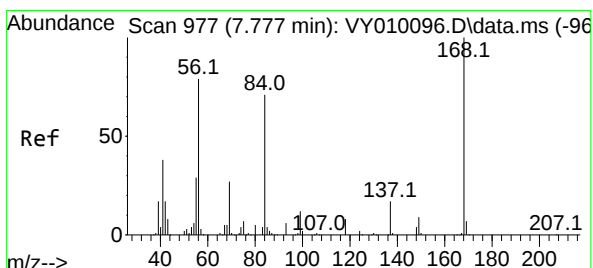
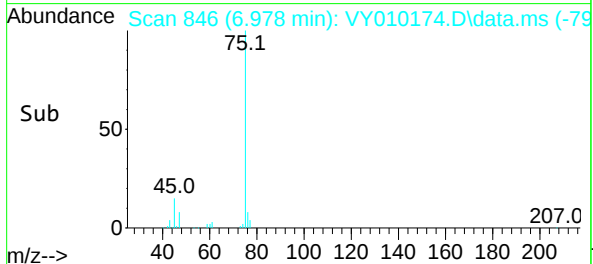
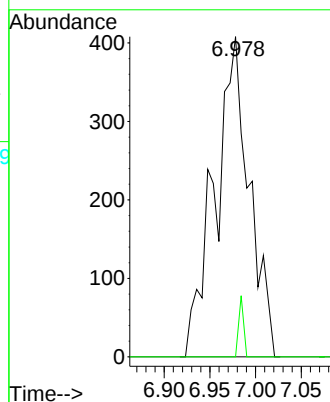
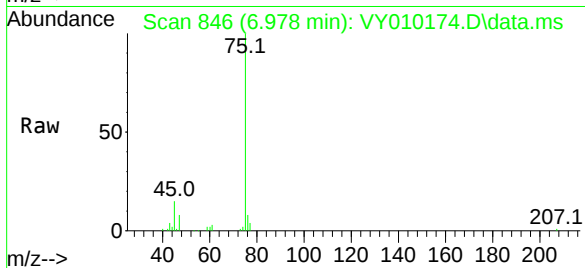
EO-1-081922

Tgt Ion: 43 Resp: 1071

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010174.D

Acq: 23 Aug 2022 18:44

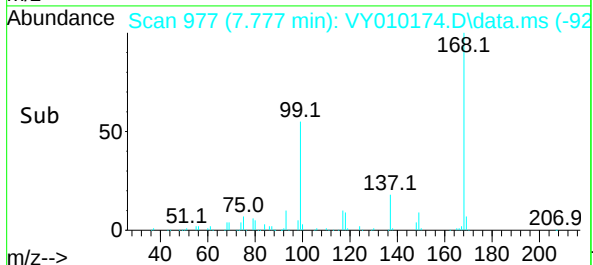
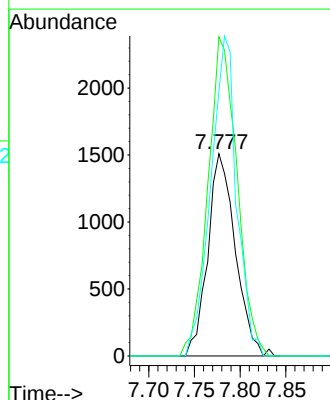
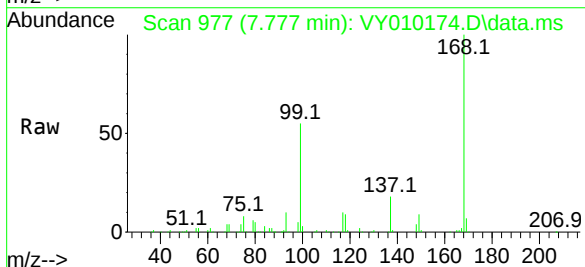
Tgt Ion: 56 Resp: 3160

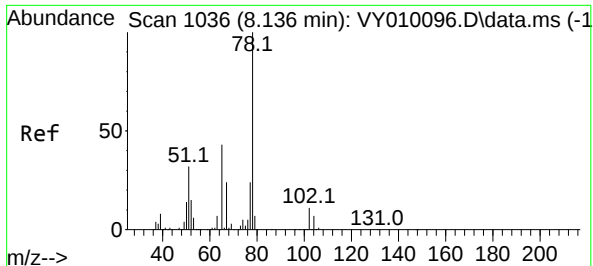
Ion Ratio Lower Upper

56 100

69 157.7 27.3 40.9#

84 130.9 72.6 109.0#





#33

1,2-Dichloroethane-d4

Concen: 70.033 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010174.D

Acq: 23 Aug 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

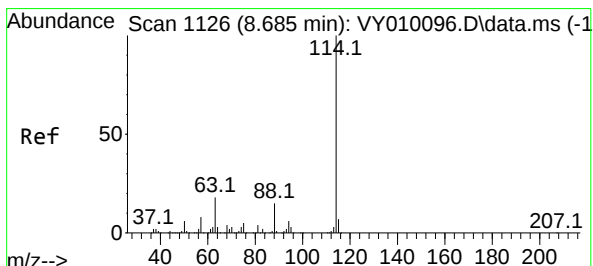
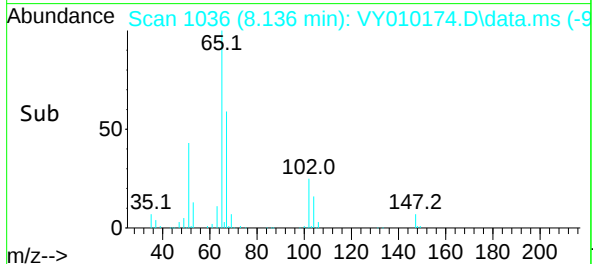
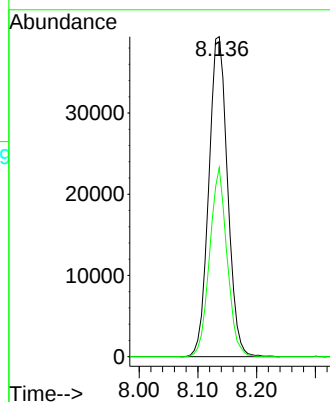
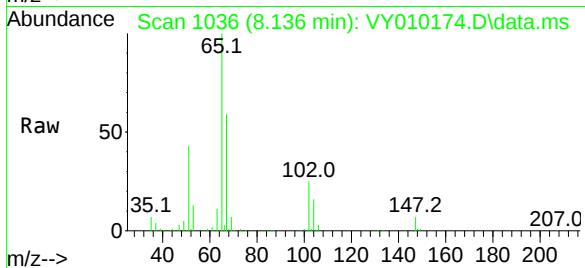
EO-1-081922

Tgt Ion: 65 Resp: 87501

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010174.D

Acq: 23 Aug 2022 18:44

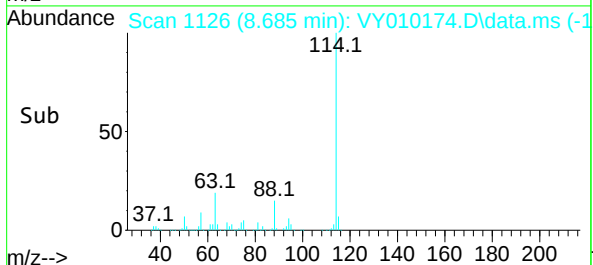
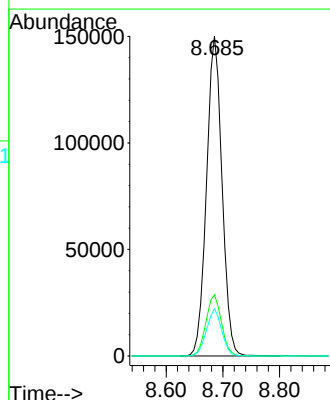
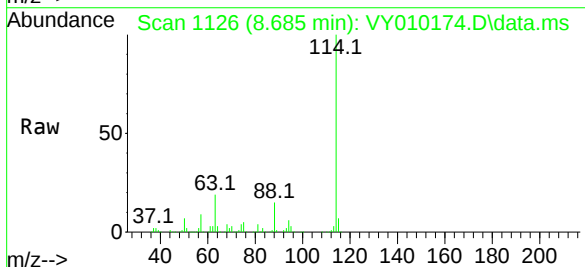
Tgt Ion: 114 Resp: 285204

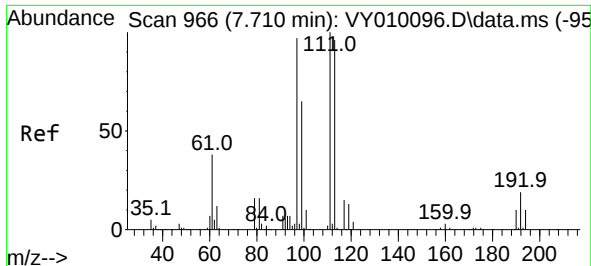
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

88 14.7 0.0 29.6

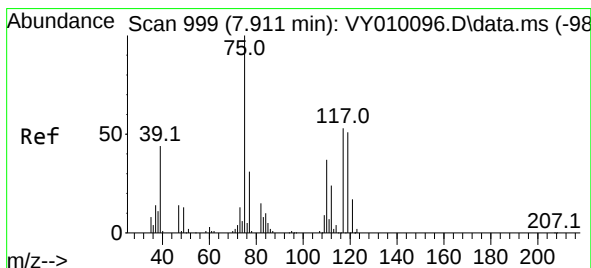
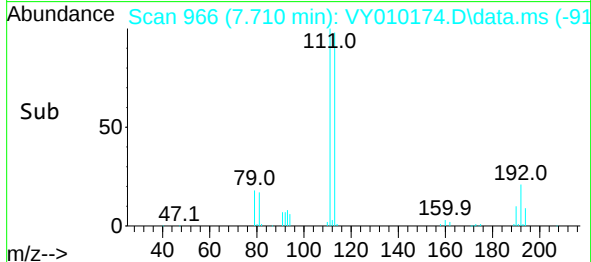
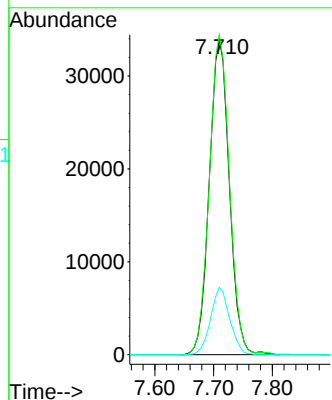
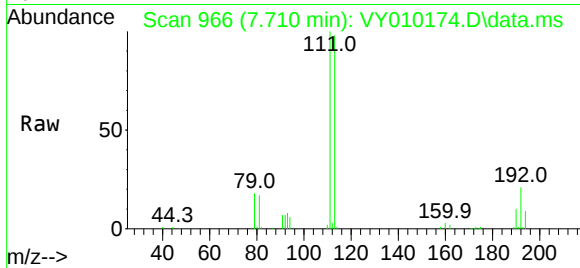




#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

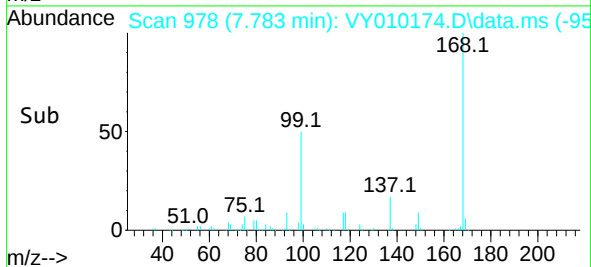
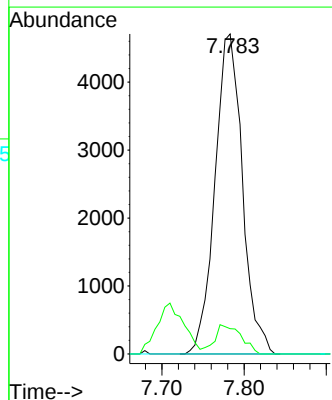
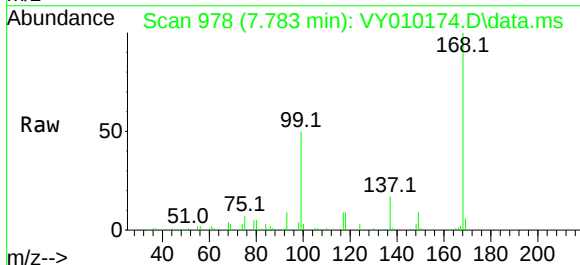
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

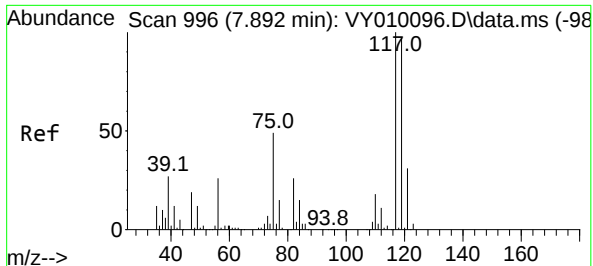
Tgt Ion:113 Resp: 80266
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.5 16.3 24.5



#36
1,1-Dichloropropene
Concen: 4.253 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

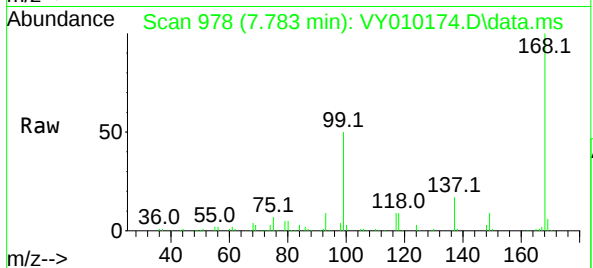
Tgt Ion: 75 Resp: 10911
Ion Ratio Lower Upper
75 100
110 8.9 18.6 56.0#
77 0.0 24.9 37.3#



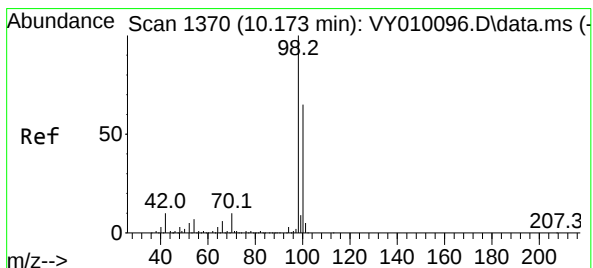
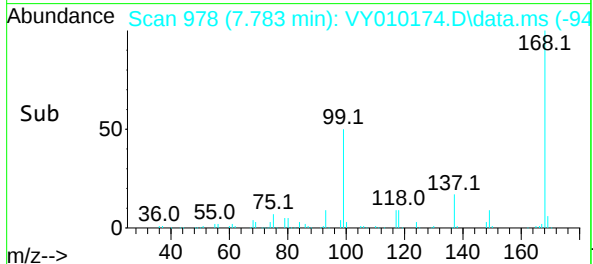
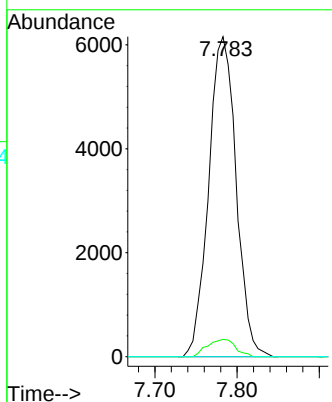


#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

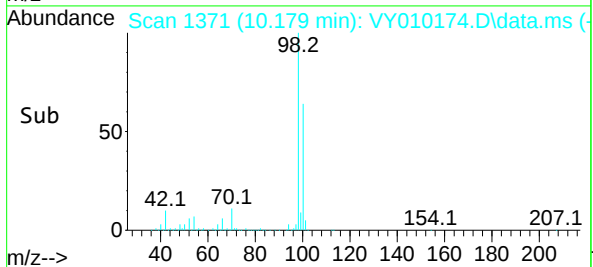
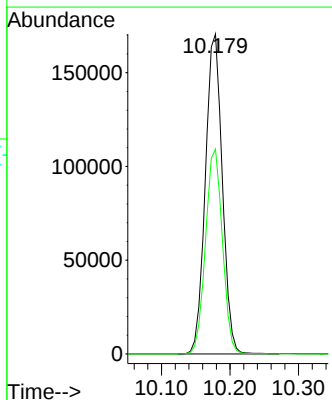
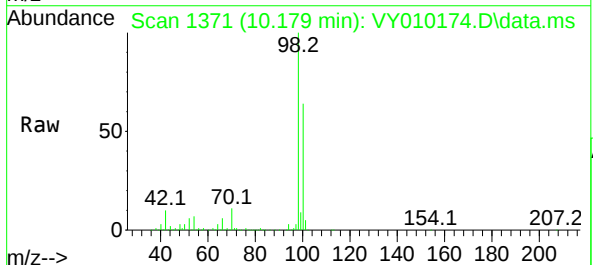


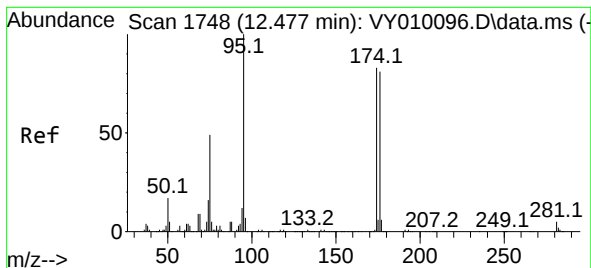
Tgt Ion:117 Resp: 14286
Ion Ratio Lower Upper
117 100
119 5.4 77.1 115.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.741 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Tgt Ion: 98 Resp: 293509
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

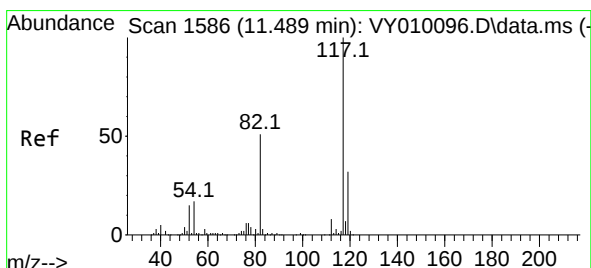
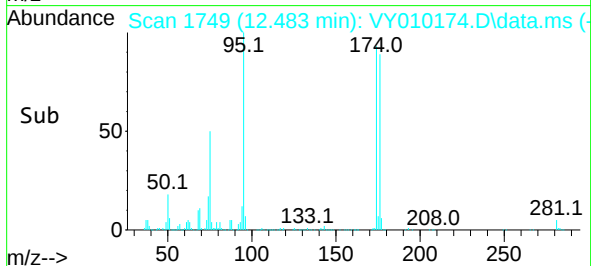
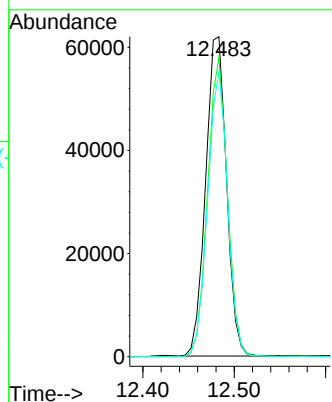
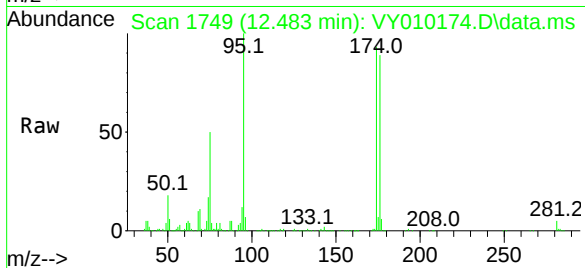




#62
4-Bromofluorobenzene
Concen: 45.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

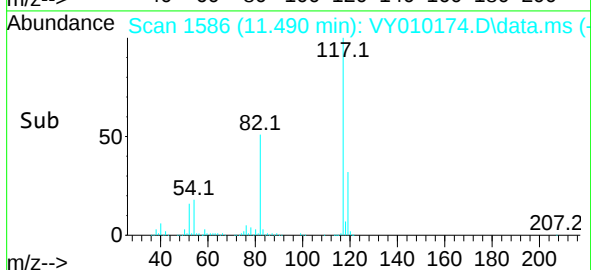
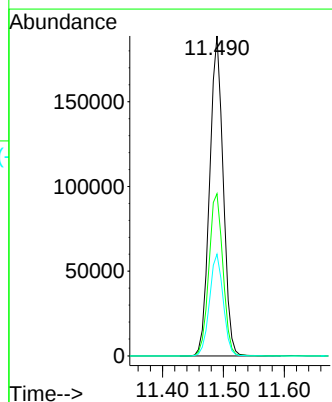
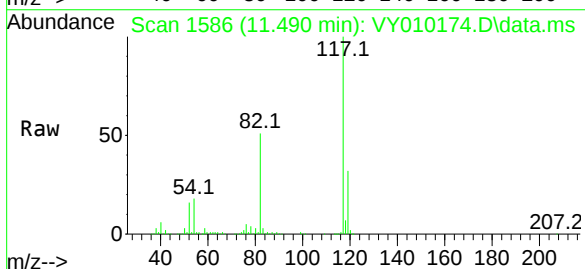
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

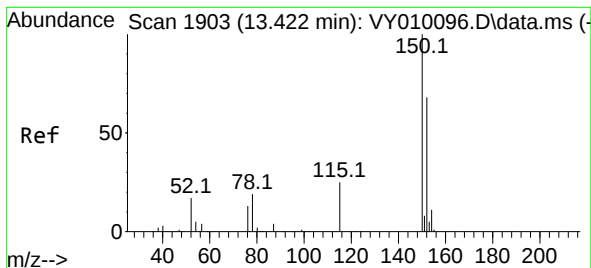
Tgt Ion: 95 Resp: 97841
Ion Ratio Lower Upper
95 100
174 89.6 0.0 173.8
176 85.5 0.0 167.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Tgt Ion: 117 Resp: 292478
Ion Ratio Lower Upper
117 100
82 50.7 40.6 61.0
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010174.D

Acq: 23 Aug 2022 18:44

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-081922

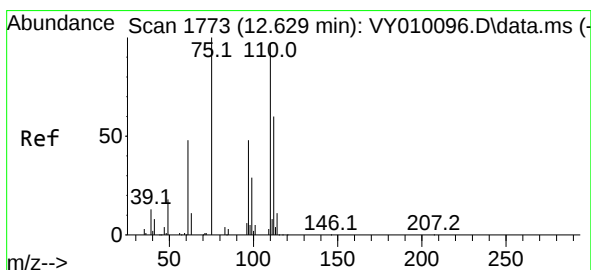
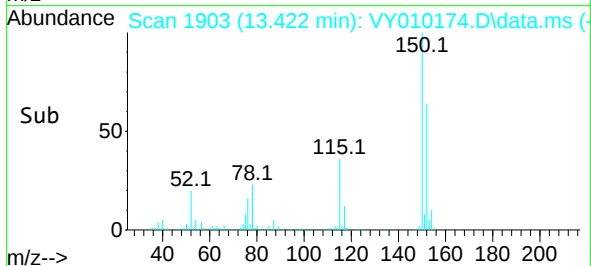
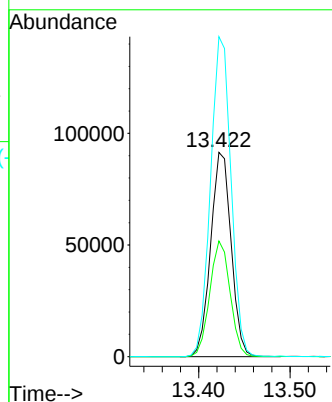
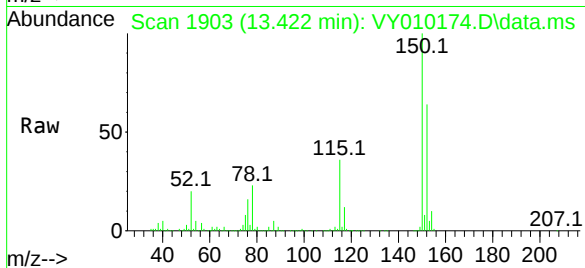
Tgt Ion:152 Resp: 142498

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 156.4 0.0 346.2



#76

1,2,3-Trichloropropane

Concen: 36.902 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY010174.D

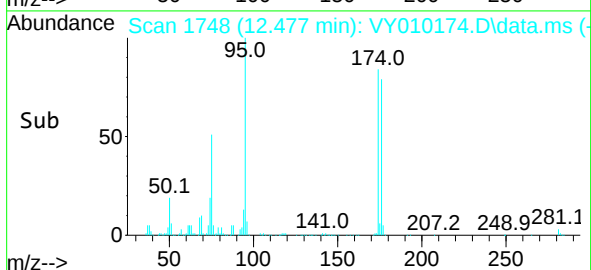
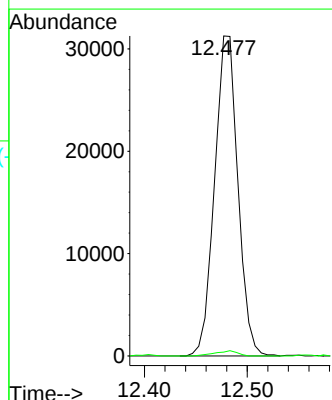
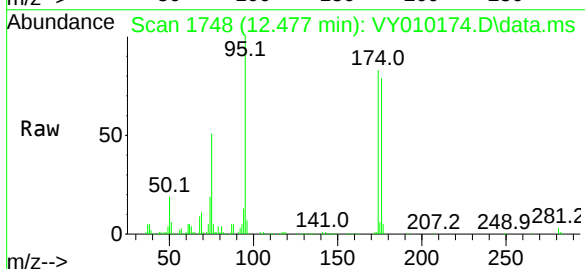
Acq: 23 Aug 2022 18:44

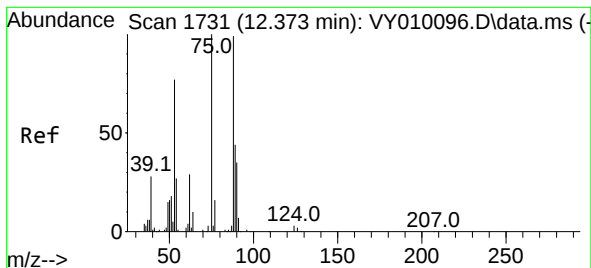
Tgt Ion: 75 Resp: 49247

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

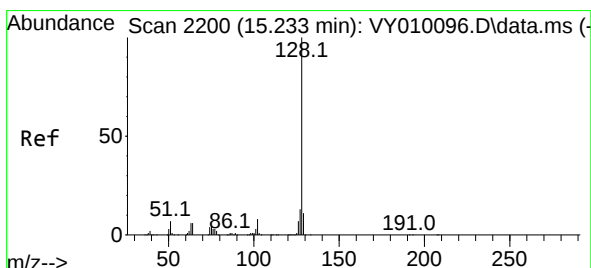
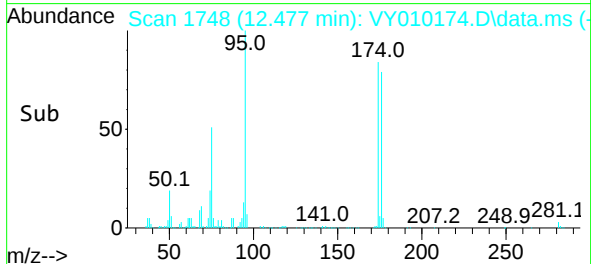
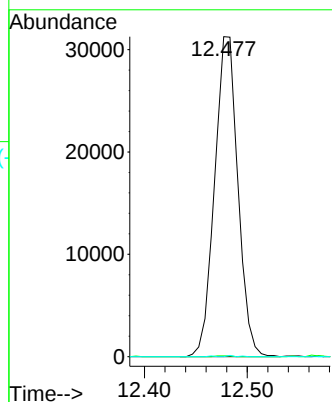
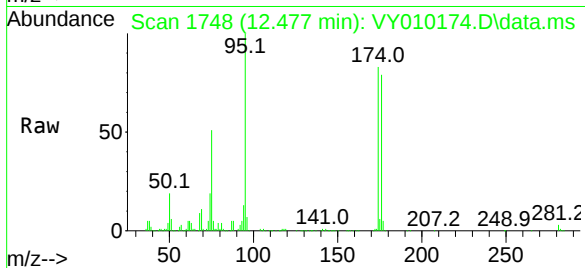




#81
trans-1,4-Dichloro-2-butene
Concen: 74.118 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-081922

Tgt Ion: 75 Resp: 49247
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.1 36.8 55.2#



#95
Naphthalene
Concen: 3.974 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010174.D
Acq: 23 Aug 2022 18:44

Tgt Ion: 128 Resp: 511
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.9 13.3#

