

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011460.D
 Acq On : 15 Nov 2022 15:59
 Operator : KP/MD
 Sample : N5619-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-111422

Quant Time: Nov 16 00:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

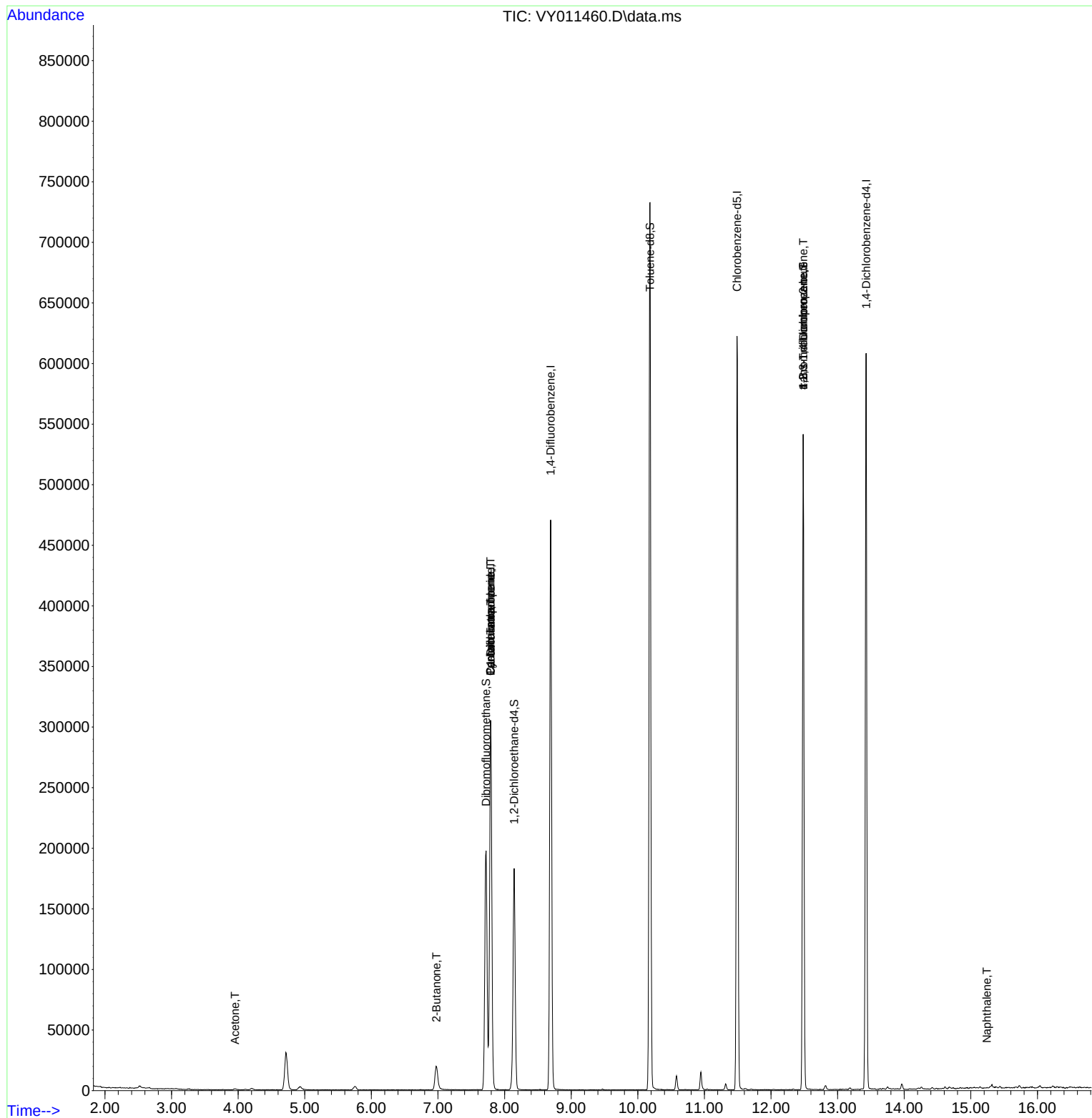
Internal Standards						
1) Pentafluorobenzene	7.789	168	254170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	373404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134705	63.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.500%	
35) Dibromofluoromethane	7.722	113	147720	62.906	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.820%	
50) Toluene-d8	10.185	98	517720	57.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.420%	
62) 4-Bromofluorobenzene	12.483	95	169923	54.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	133	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	3033	Below Cal	#	77
16) Acetone	3.954	43	1295	2.304	ug/l #	66
18) Methyl Acetate	4.485	43	25	Below Cal	#	56
25) 2-Butanone	6.978	43	1060	1.324	ug/l	94
31) Cyclohexane	7.789	56	3929	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17879	4.906	ug/l #	50
38) Carbon Tetrachloride	7.789	117	24071	6.072	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	79864	42.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79864	101.364	ug/l #	7
95) Naphthalene	15.239	128	474	3.347	ug/l #	75

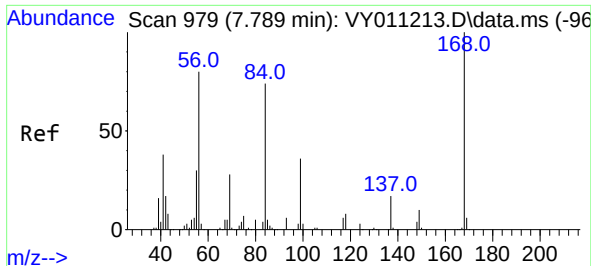
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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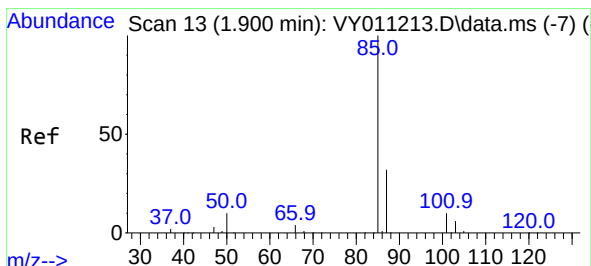
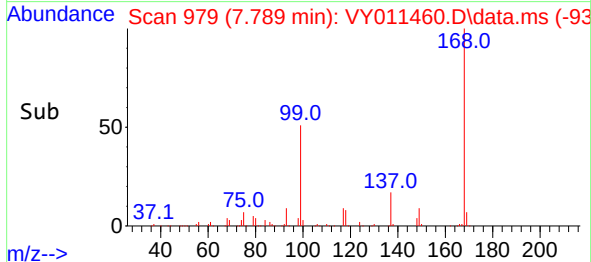
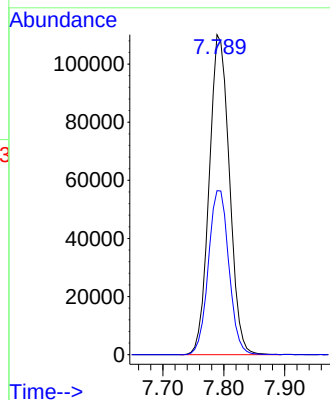
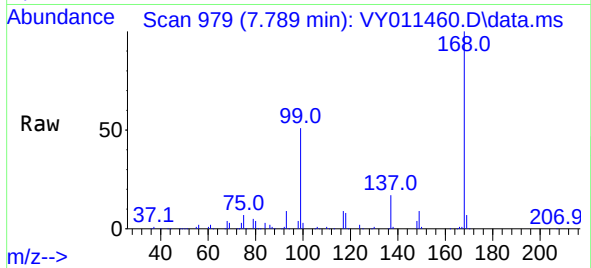




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

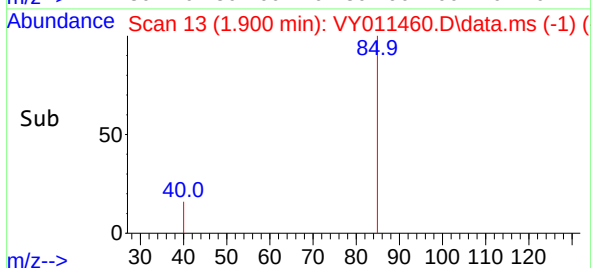
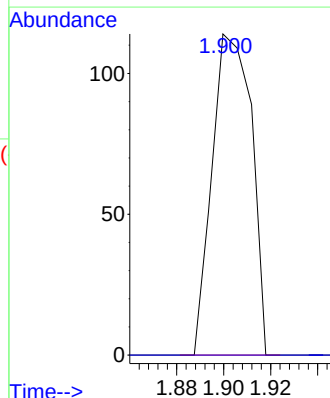
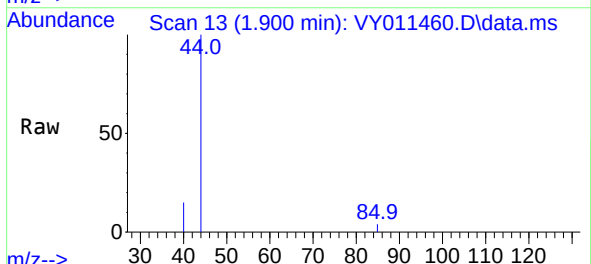
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

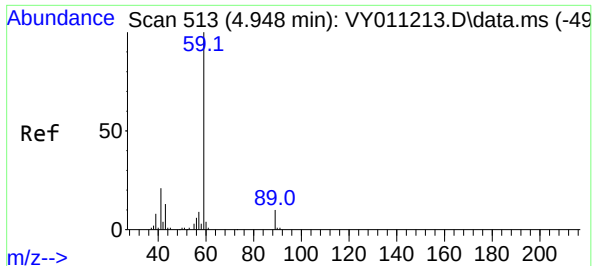
Tgt Ion:168 Resp: 254170
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Tgt Ion: 85 Resp: 133
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 511

Delta R.T. -0.018 min

Lab File: VY011460.D

Acq: 15 Nov 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

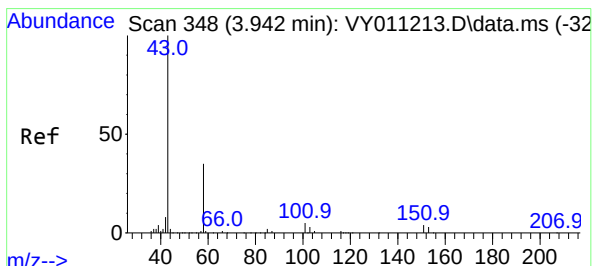
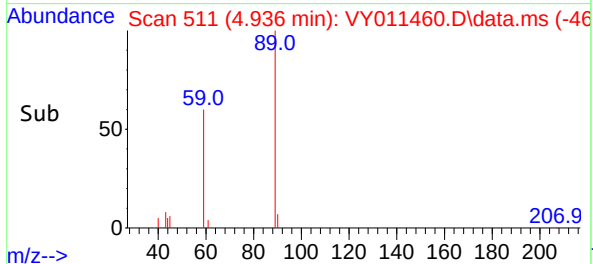
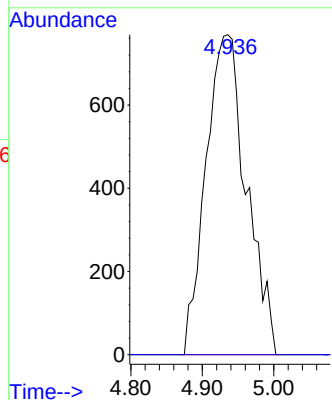
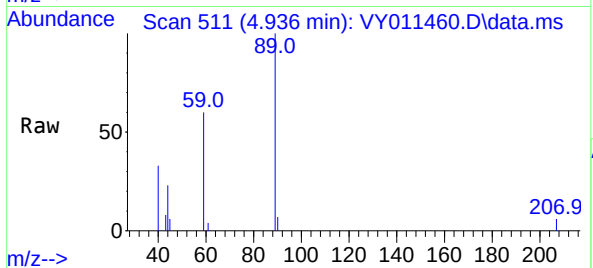
OR-02-111422

Tgt Ion: 59 Resp: 3033

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.304 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011460.D

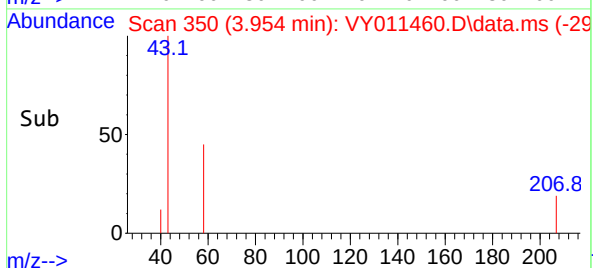
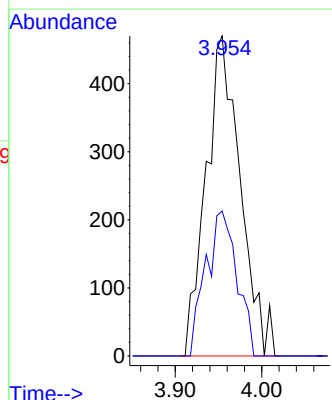
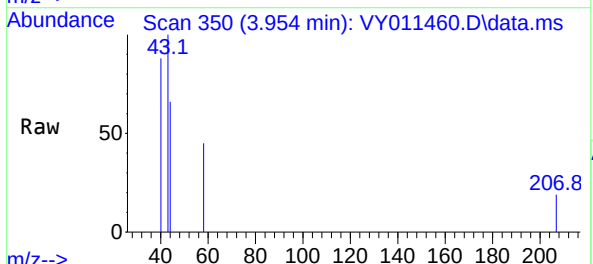
Acq: 15 Nov 2022 15:59

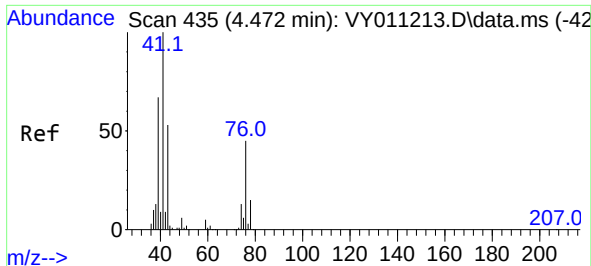
Tgt Ion: 43 Resp: 1295

Ion Ratio Lower Upper

43 100

58 45.3 22.0 33.0#

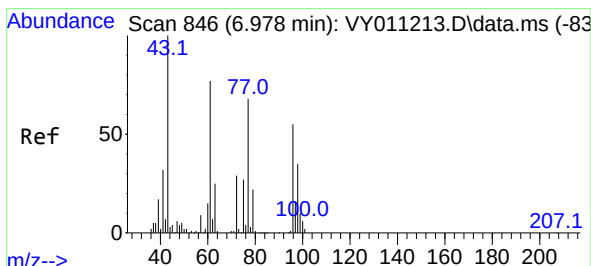
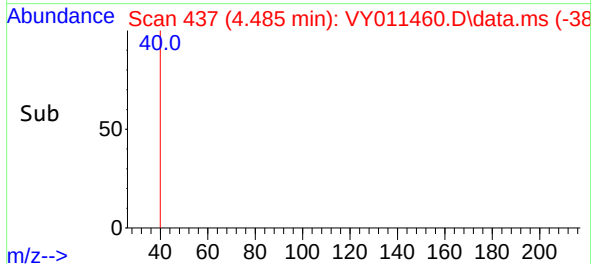
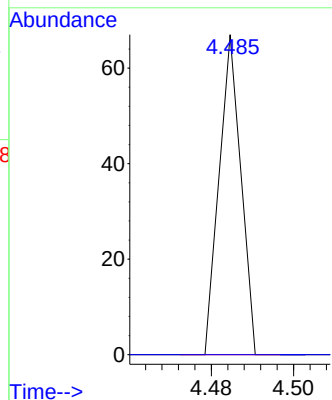
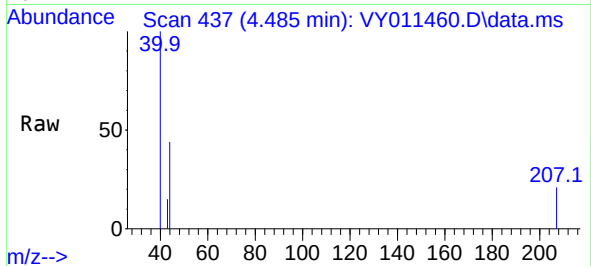




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

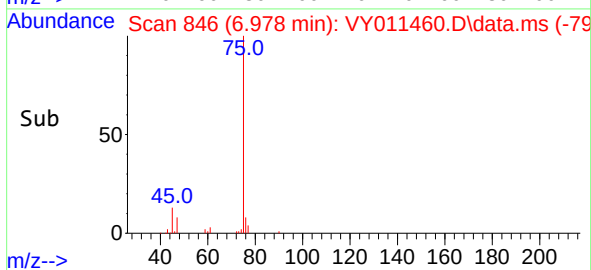
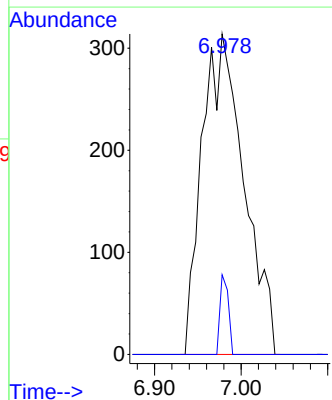
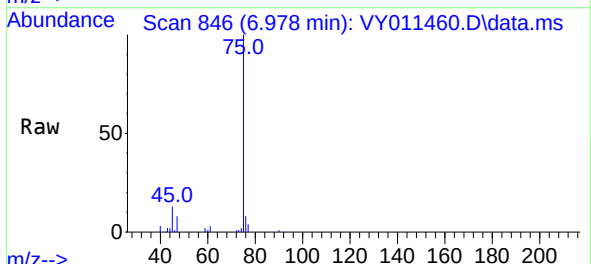
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

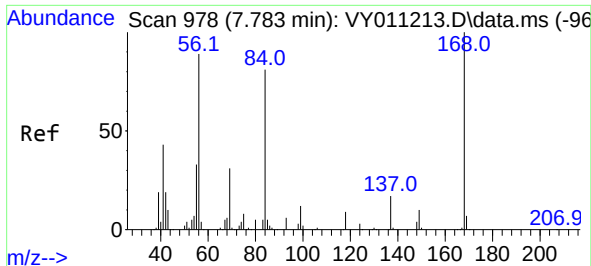
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.324 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5

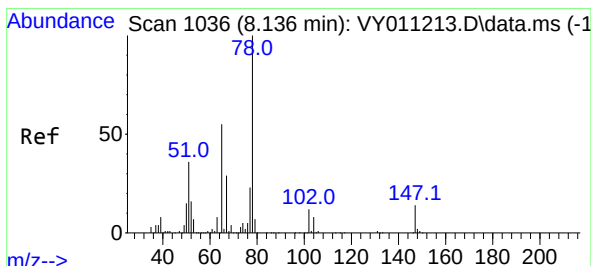
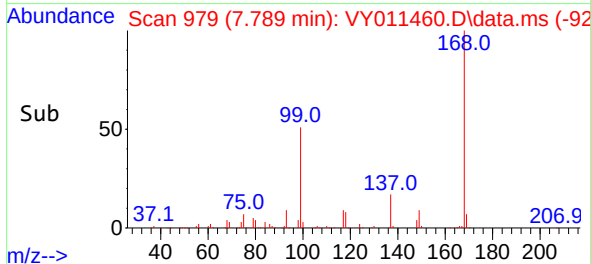
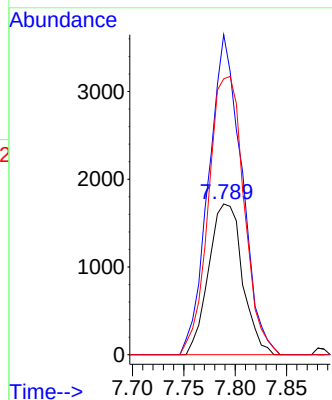
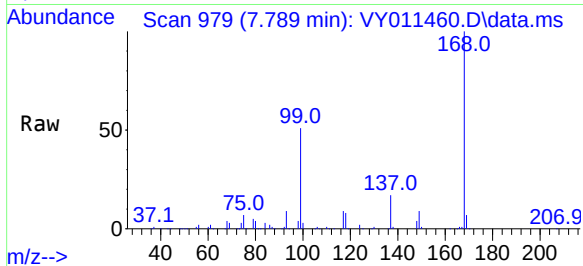




#31
Cyclohexane
Concen: 1.027 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

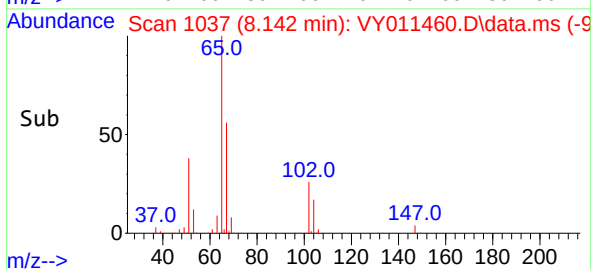
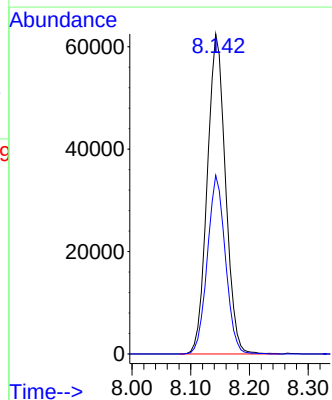
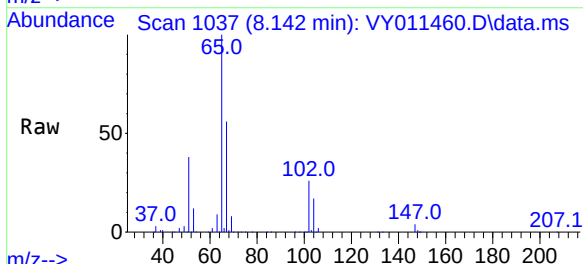
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

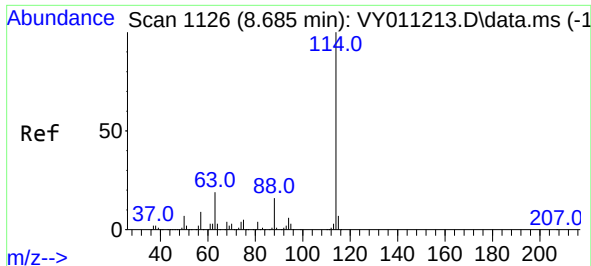
Tgt Ion: 56 Resp: 3929
Ion Ratio Lower Upper
56 100
69 212.2 26.7 40.1#
84 182.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.246 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Tgt Ion: 65 Resp: 134705
Ion Ratio Lower Upper
65 100
67 55.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011460.D

Acq: 15 Nov 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-111422

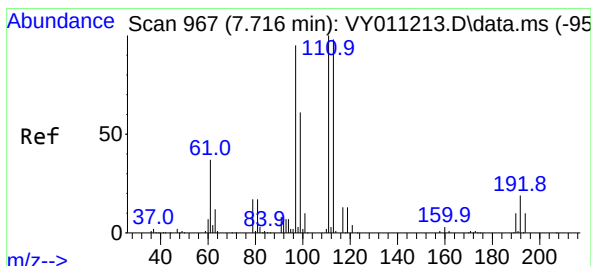
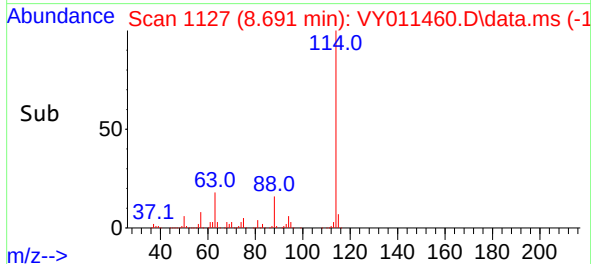
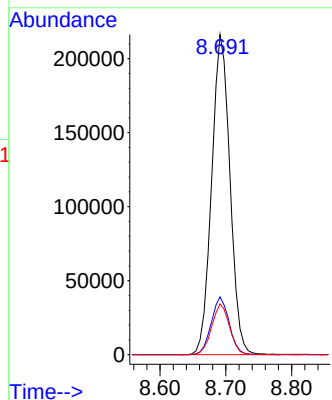
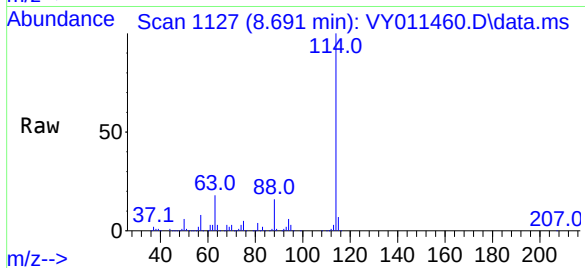
Tgt Ion:114 Resp: 419020

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 62.906 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011460.D

Acq: 15 Nov 2022 15:59

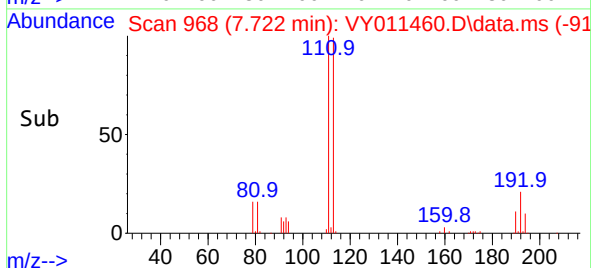
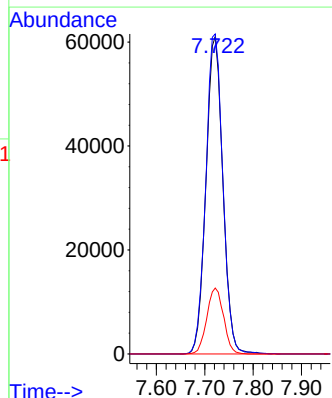
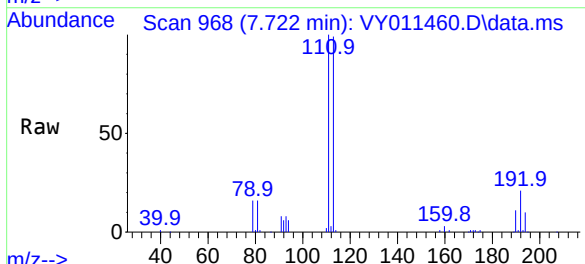
Tgt Ion:113 Resp: 147720

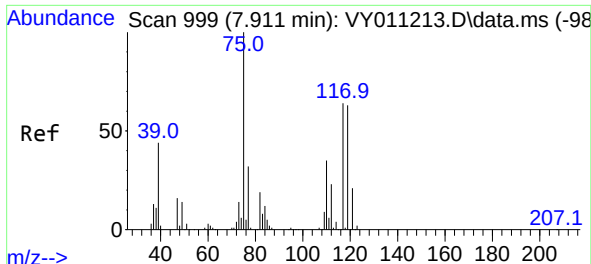
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.906 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011460.D

Acq: 15 Nov 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-111422

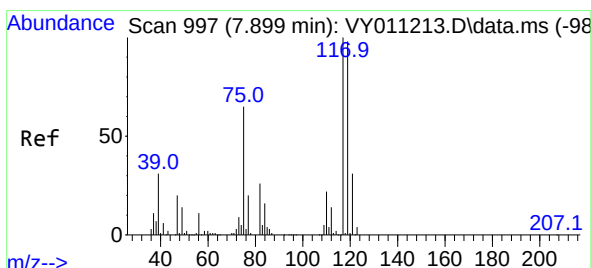
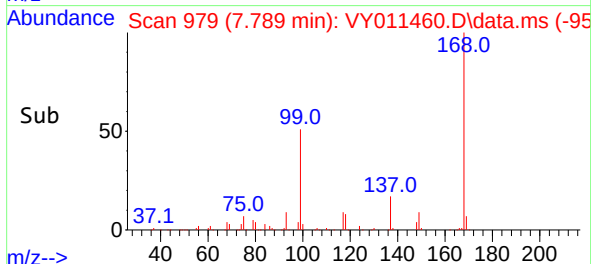
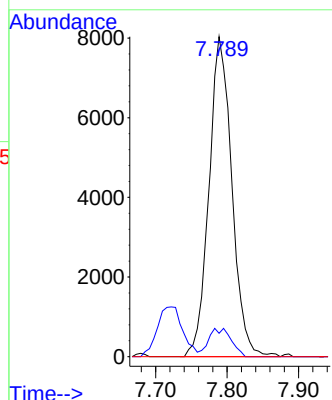
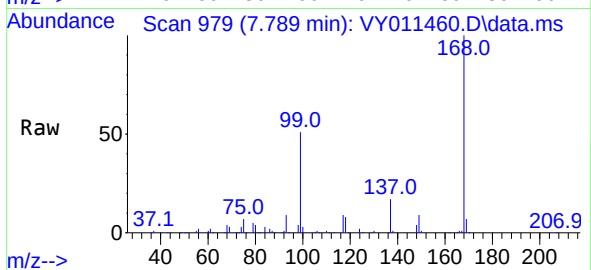
Tgt Ion: 75 Resp: 17879

Ion Ratio Lower Upper

75 100

110 8.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.072 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011460.D

Acq: 15 Nov 2022 15:59

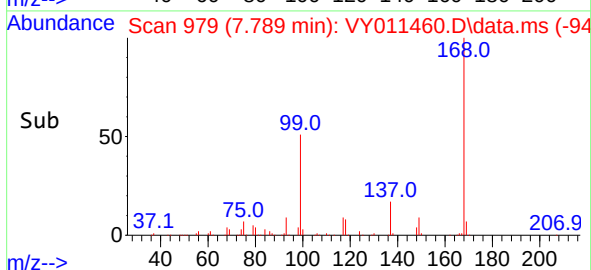
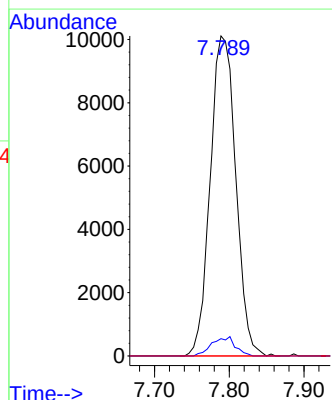
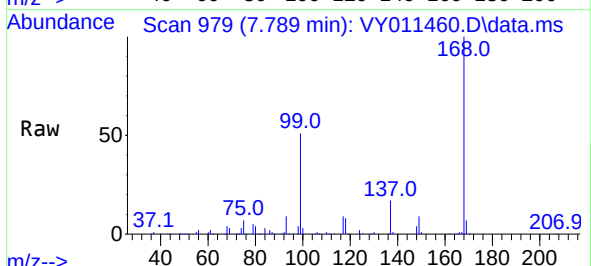
Tgt Ion: 117 Resp: 24071

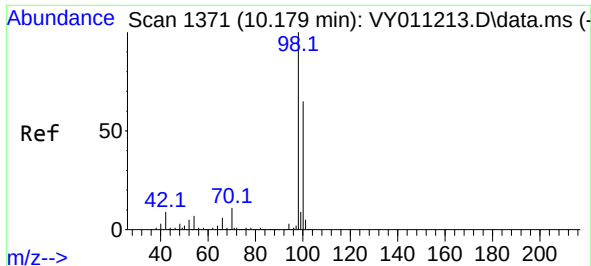
Ion Ratio Lower Upper

117 100

119 5.4 77.9 116.9#

121 0.0 24.8 37.2#

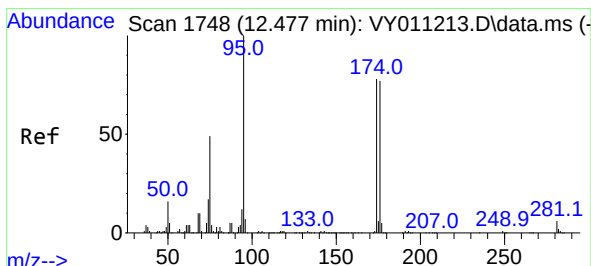
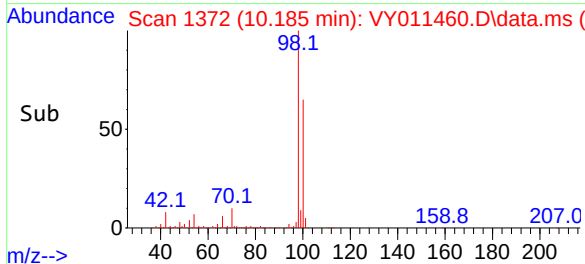
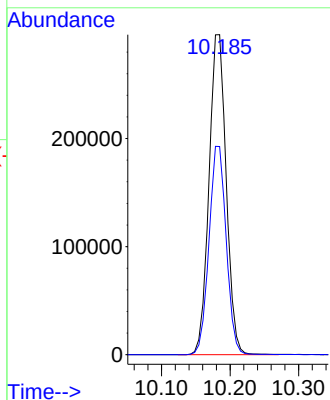
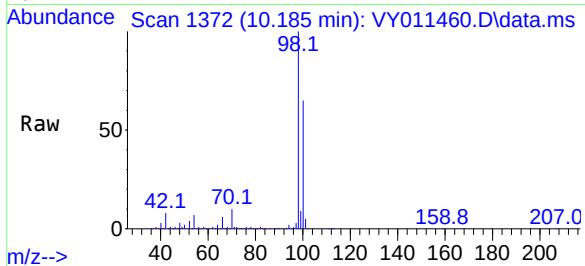




#50
Toluene-d8
Concen: 57.709 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

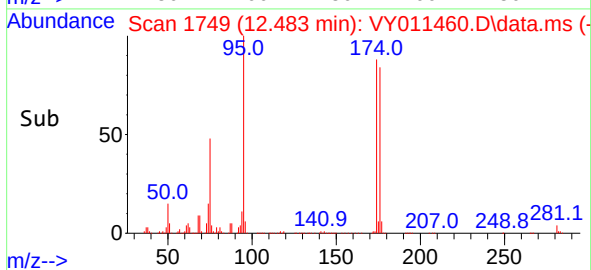
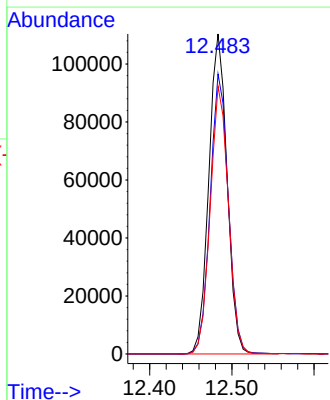
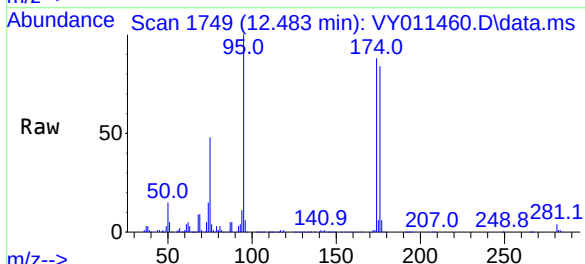
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

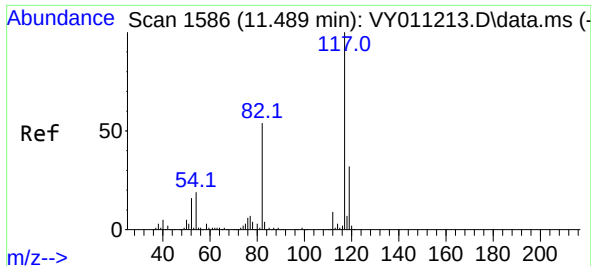
Tgt Ion: 98 Resp: 517720
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Tgt Ion: 95 Resp: 169923
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 83.5 0.0 175.8

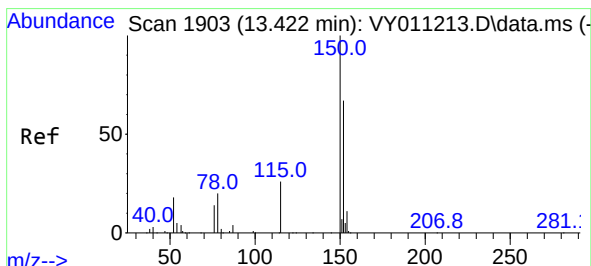
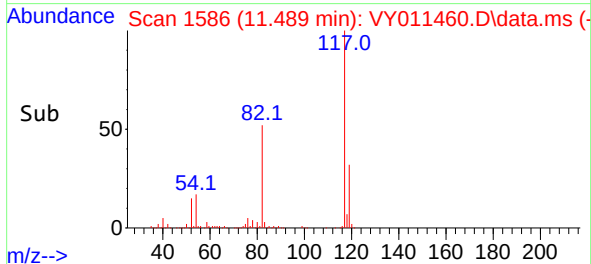
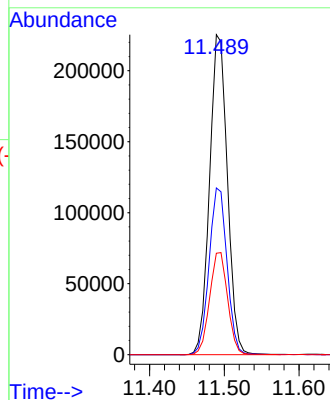
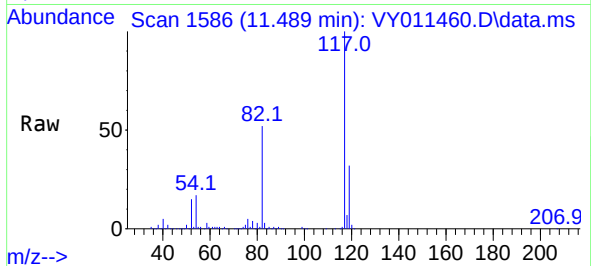




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

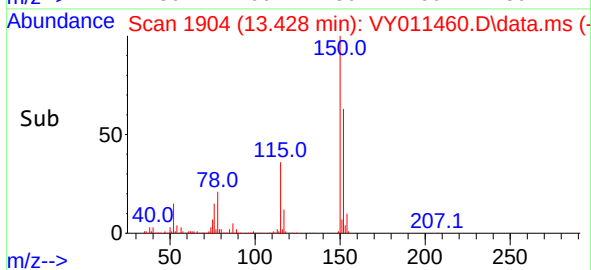
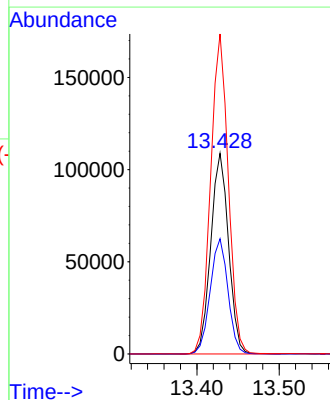
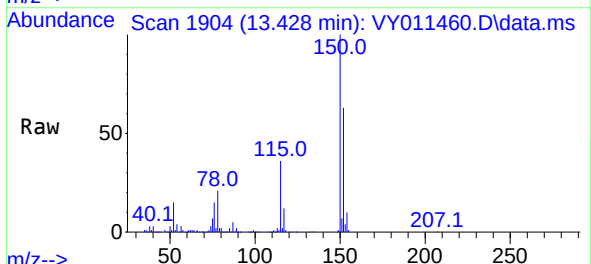
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

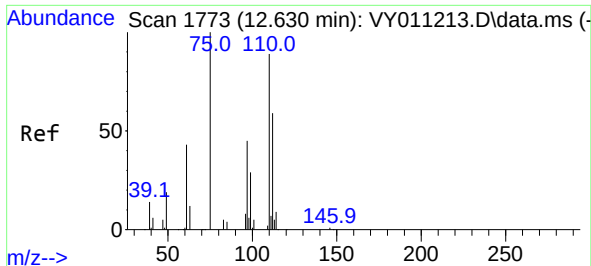
Tgt Ion:117 Resp: 373404
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Tgt Ion:152 Resp: 163612
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.4 0.0 347.6

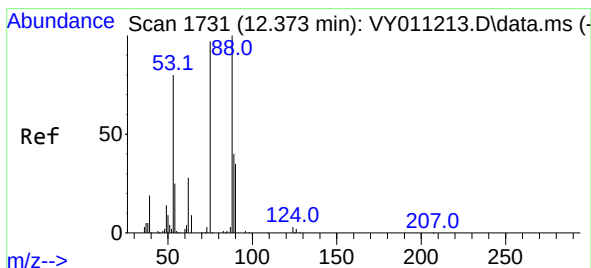
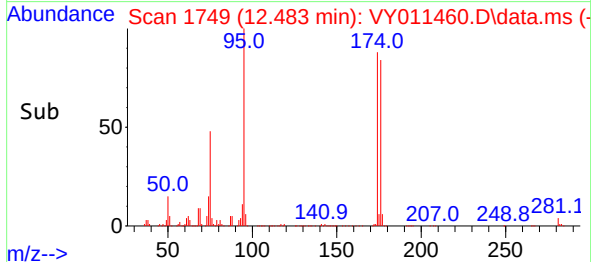
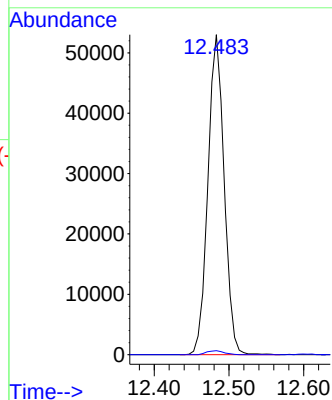
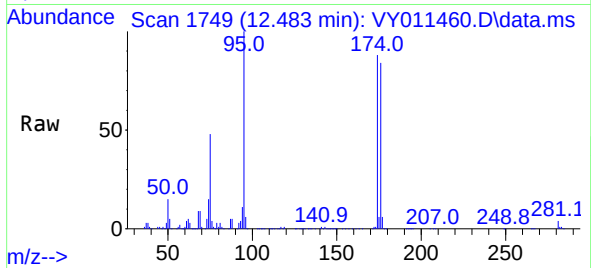




#76
1,2,3-Trichloropropane
Concen: 42.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

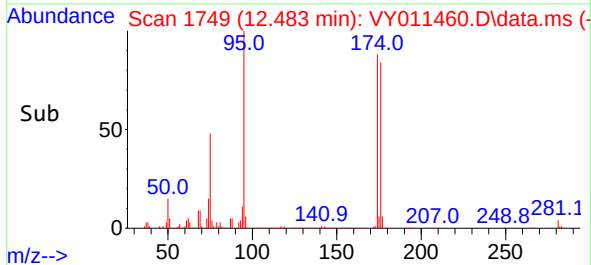
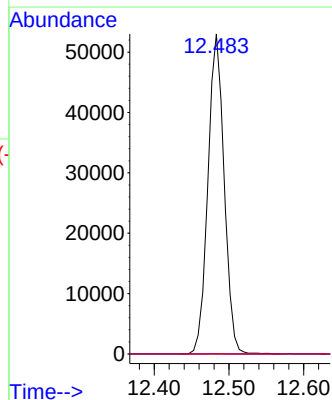
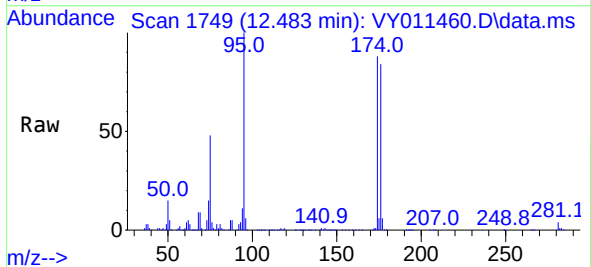
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422

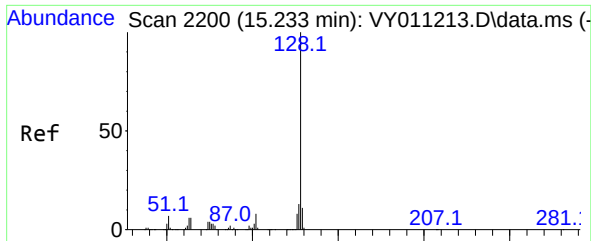
Tgt Ion: 75 Resp: 79864
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

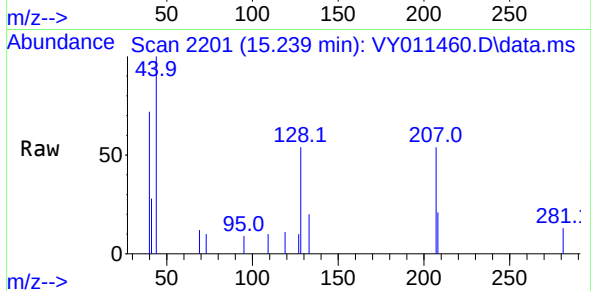
Tgt Ion: 75 Resp: 79864
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.347 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011460.D
Acq: 15 Nov 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-111422



Tgt Ion:128 Resp: 474
Ion Ratio Lower Upper
128 100
127 4.9 11.0 16.4#
129 0.0 8.4 12.6#

