

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007589.D
 Acq On : 22 Feb 2022 18:04
 Operator : SY/MD
 Sample : N1635-05
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124019

Quant Time: Feb 23 03:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

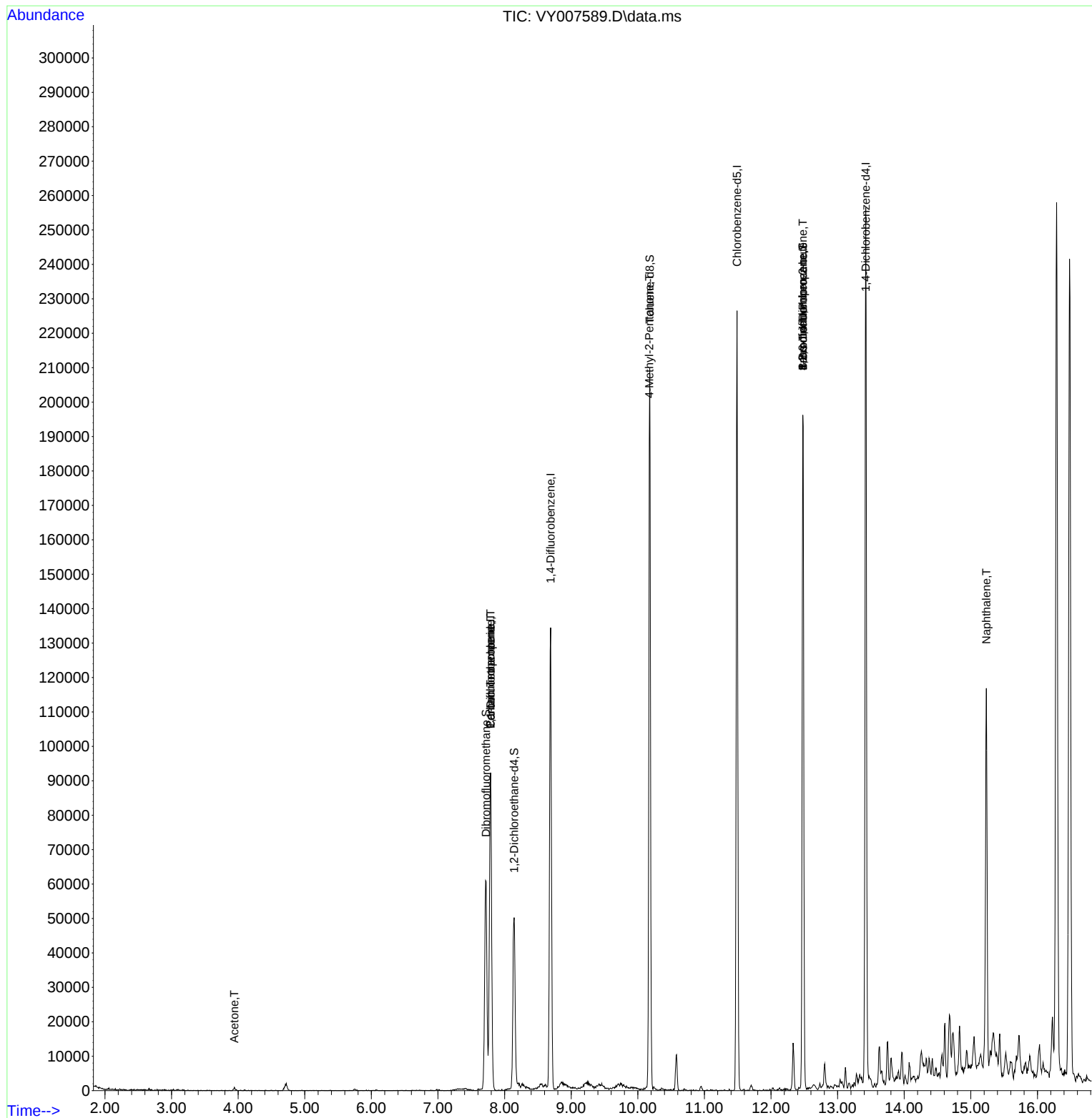
Internal Standards						
1) Pentafluorobenzene	7.789	168	69435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	112165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	42759	59.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.920%	
35) Dibromofluoromethane	7.722	113	40049	56.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.179	98	131299	53.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.480%	
62) 4-Bromofluorobenzene	12.477	95	52916	59.263	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1081	6.371	ug/l #	66
18) Methyl Acetate	4.485	43	19	Below Cal	#	56
20) Methylene Chloride	4.722	84	1474	Below Cal	#	73
31) Cyclohexane	7.783	56	1724	Below Cal	#	19
36) 1,1-Dichloropropene	7.789	75	4995	4.806	ug/l #	55
38) Carbon Tetrachloride	7.789	117	7755	5.541	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	599	1.381	ug/l #	1
71) Bromoform	12.477	173	756	1.253	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	32468	45.933	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32468	112.569	ug/l #	7
95) Naphthalene	15.233	128	84609	32.449	ug/l	99

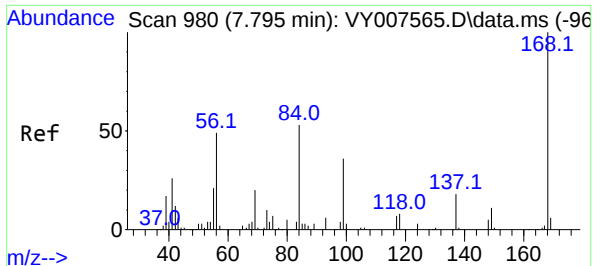
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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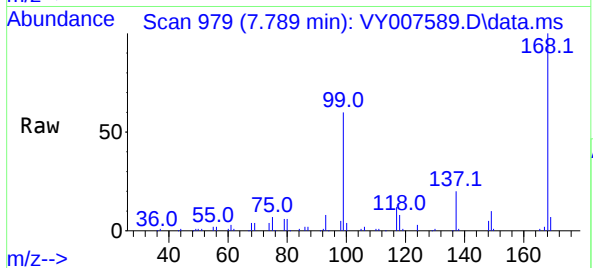
Quant Time: Feb 23 03:32:24 2022
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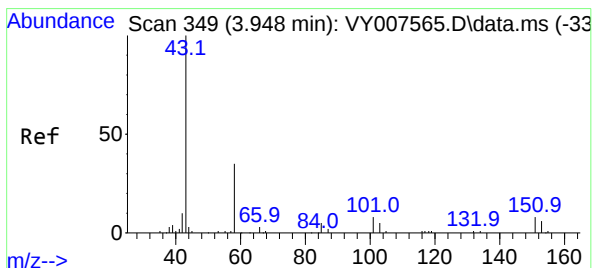
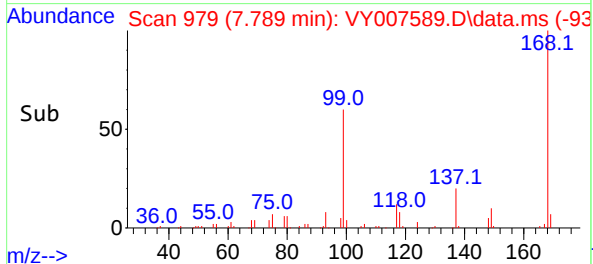
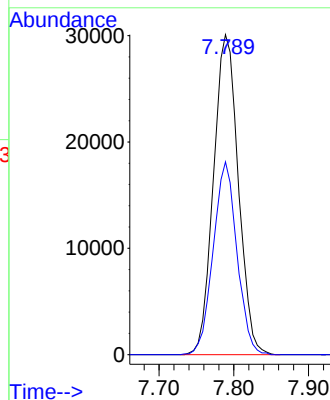


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

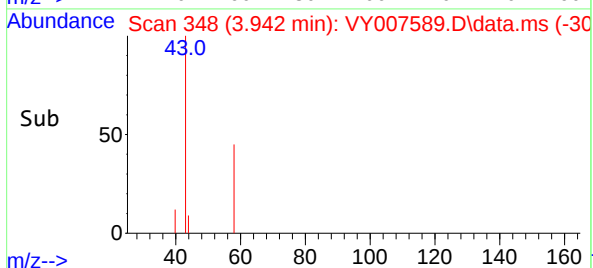
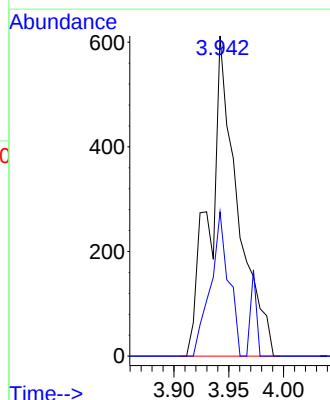
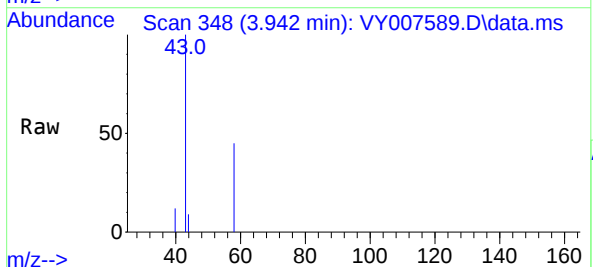


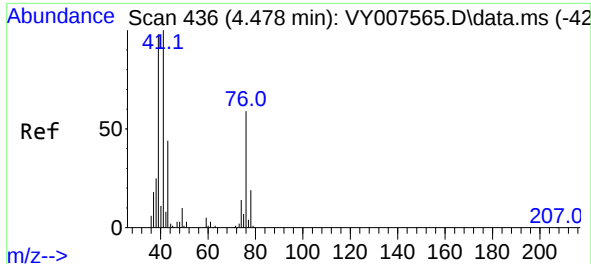
Tgt Ion:168 Resp: 69435
Ion Ratio Lower Upper
168 100
99 60.2 46.9 70.3



#16
Acetone
Concen: 6.371 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 45.1 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

Instrument :

MSVOA_Y

ClientSampleId :

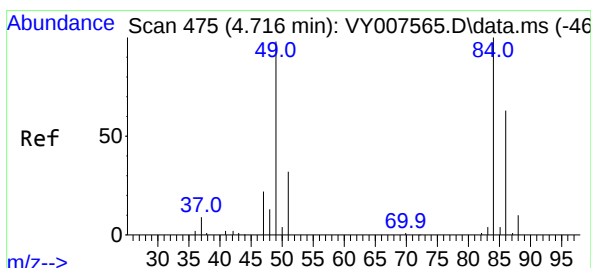
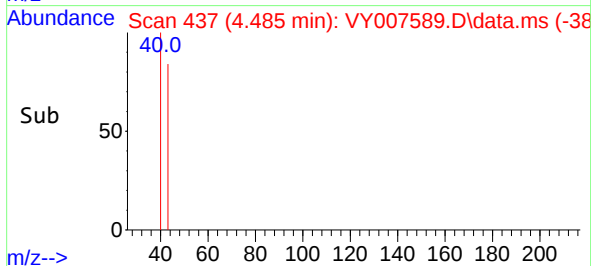
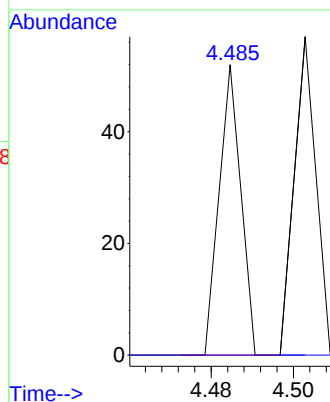
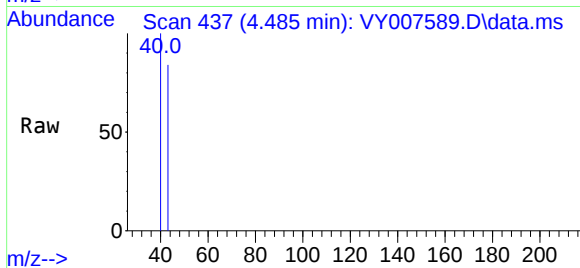
RO-124019

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

Tgt Ion: 84 Resp: 1474

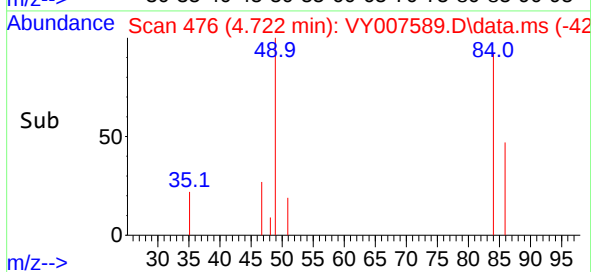
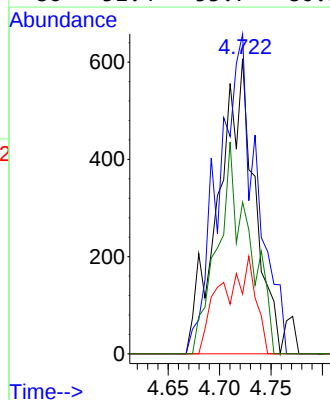
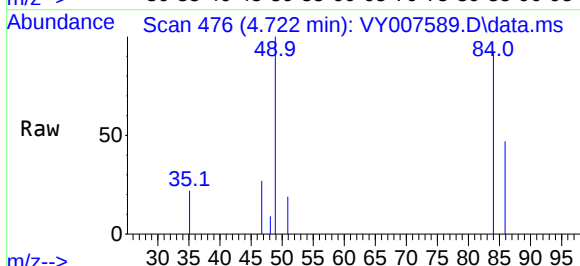
Ion Ratio Lower Upper

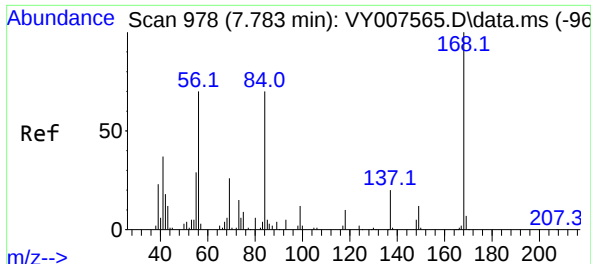
84 100

49 108.4 114.4 171.6#

51 20.3 35.3 52.9#

86 51.4 53.7 80.5#

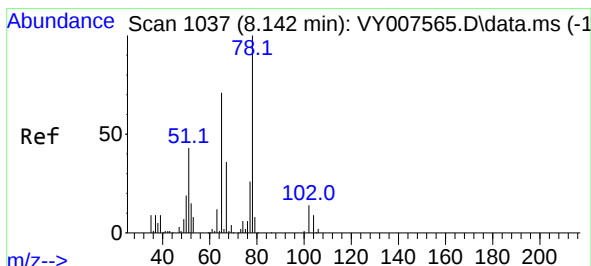
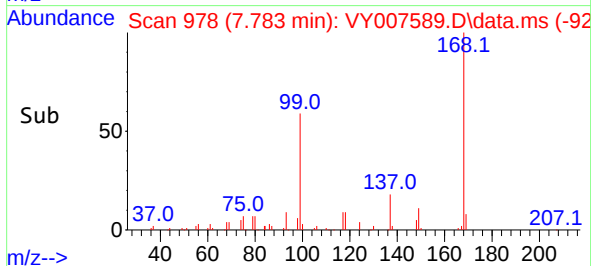
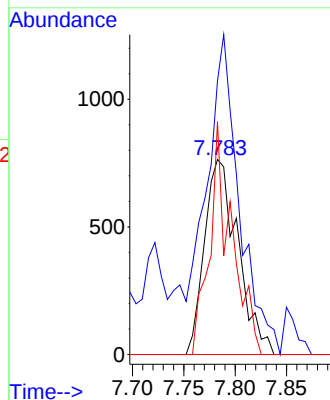
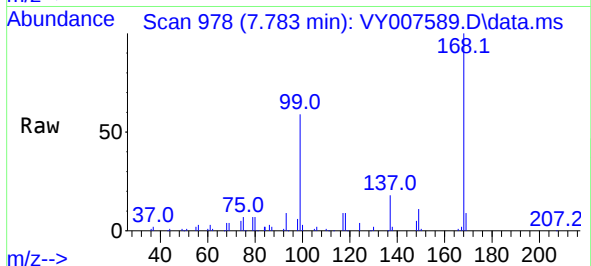




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

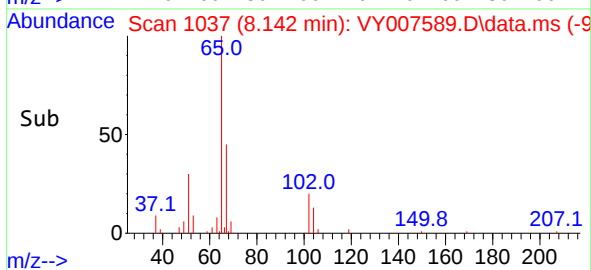
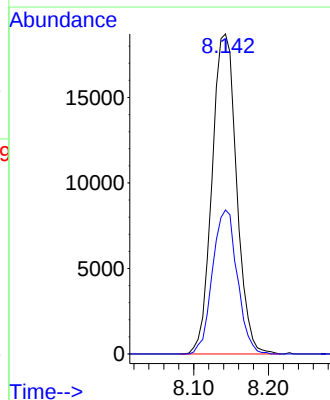
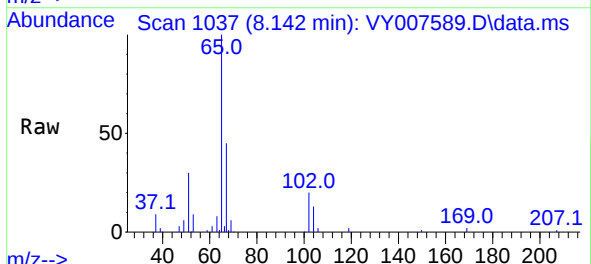
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

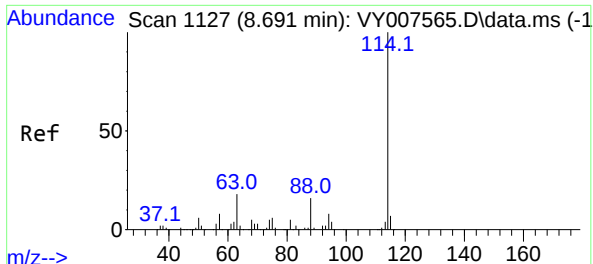
Tgt Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 140.3 26.7 40.1#
84 119.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.458 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 65 Resp: 42759
Ion Ratio Lower Upper
65 100
67 45.4 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: VY007589.D

Acq: 22 Feb 2022 18:04

Instrument :

MSVOA_Y

ClientSampleId :

RO-124019

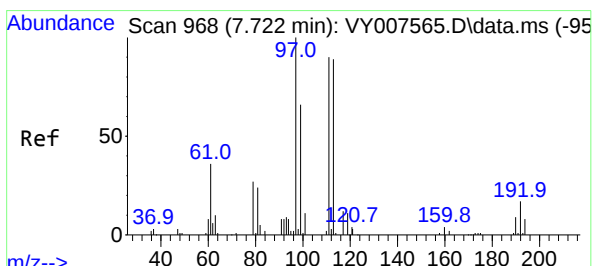
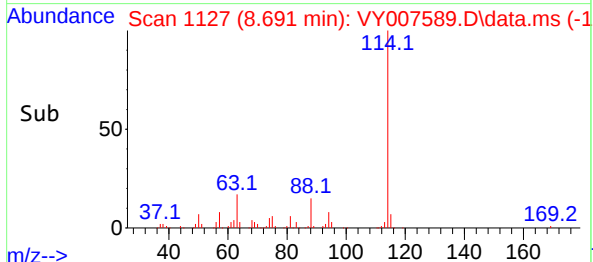
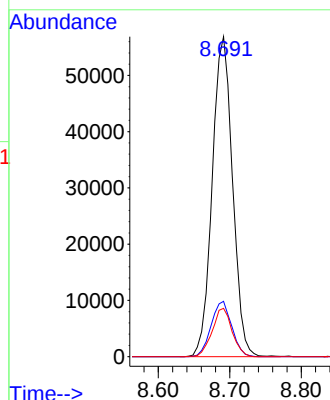
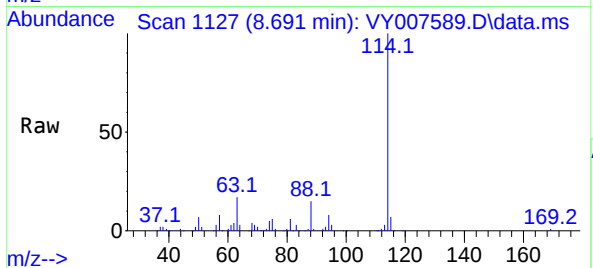
Tgt Ion:114 Resp: 112165

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.310 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

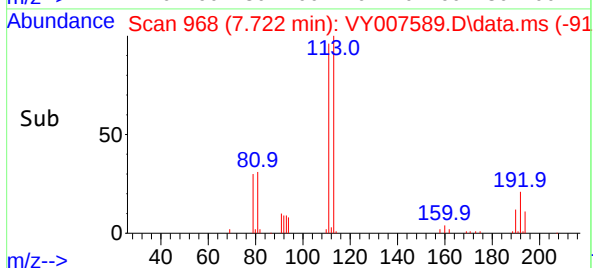
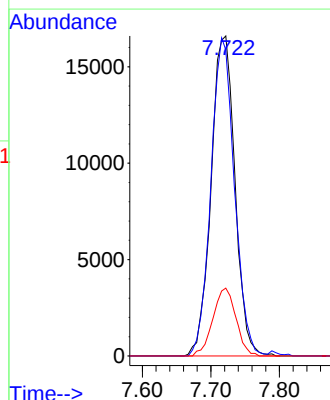
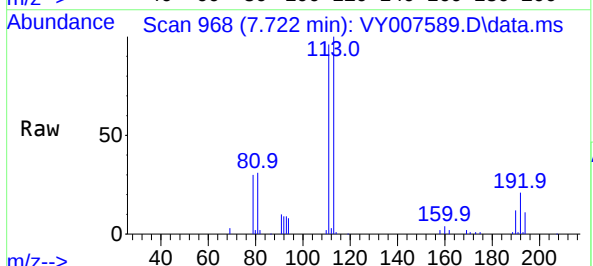
Tgt Ion:113 Resp: 40049

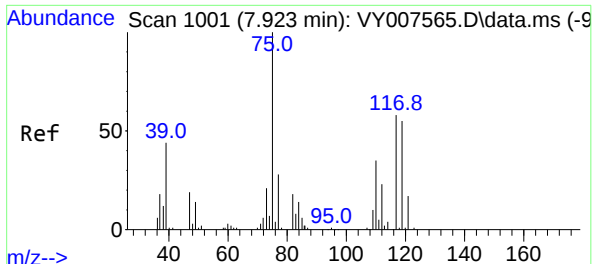
Ion Ratio Lower Upper

113 100

111 98.1 82.6 124.0

192 20.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

Instrument :

MSVOA_Y

ClientSampleId :

RO-124019

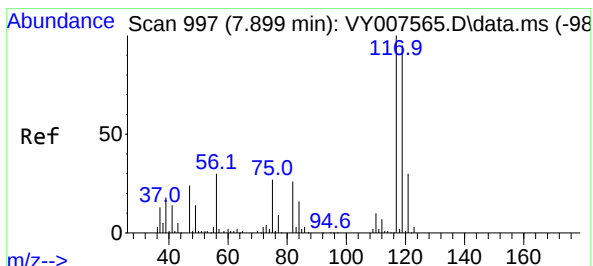
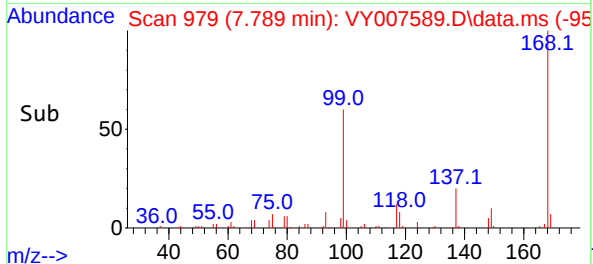
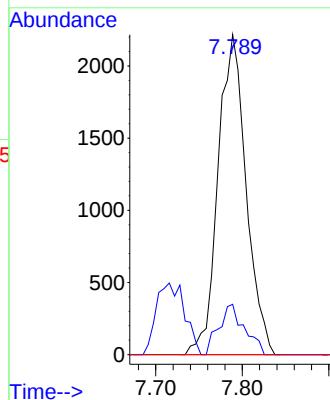
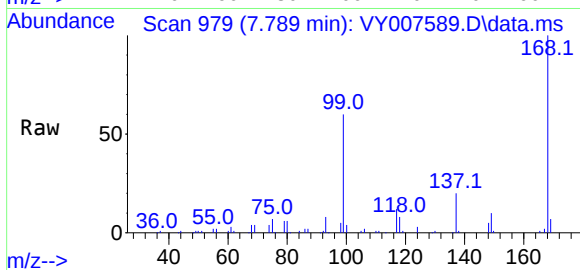
Tgt Ion: 75 Resp: 4995

Ion Ratio Lower Upper

75 100

110 14.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.541 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007589.D

Acq: 22 Feb 2022 18:04

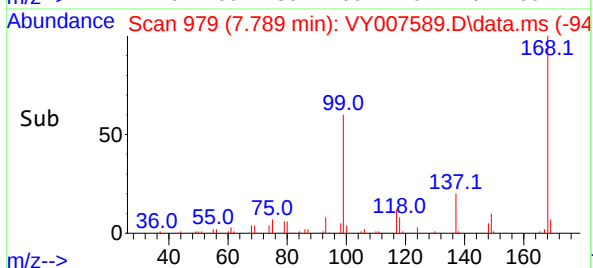
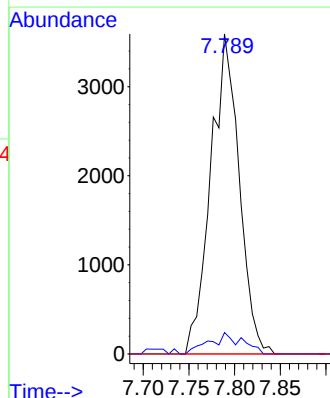
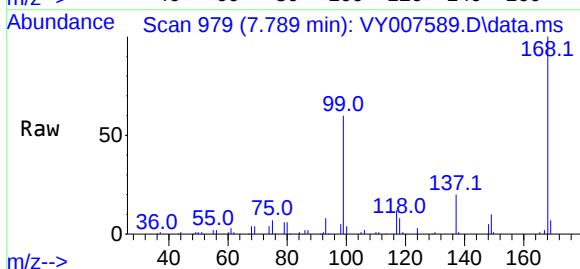
Tgt Ion: 117 Resp: 7755

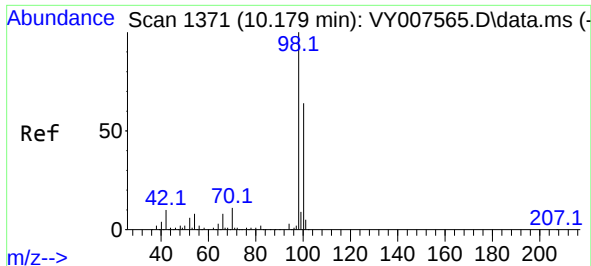
Ion Ratio Lower Upper

117 100

119 6.7 77.9 116.9#

121 0.0 24.8 37.2#

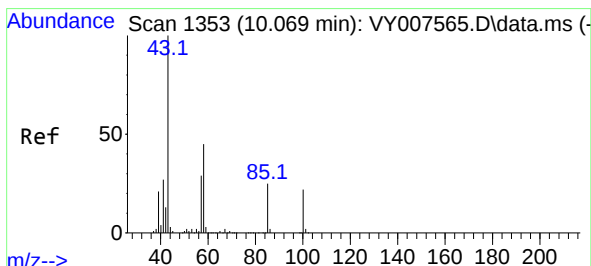
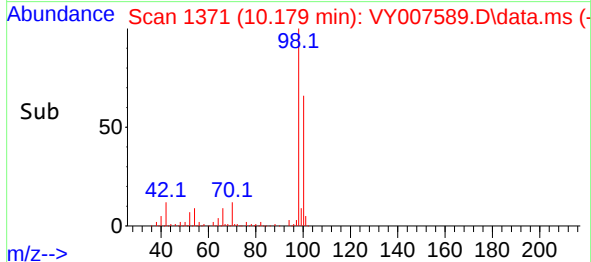
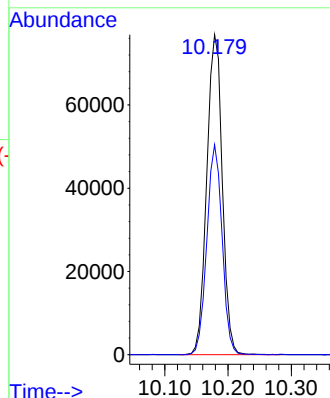
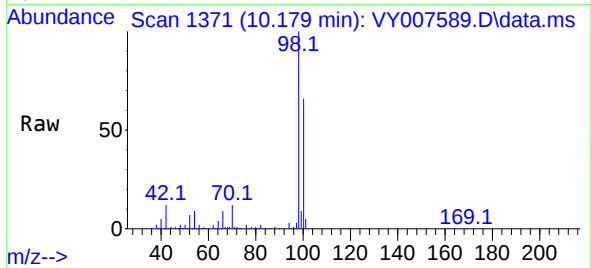




#50
Toluene-d8
Concen: 53.244 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

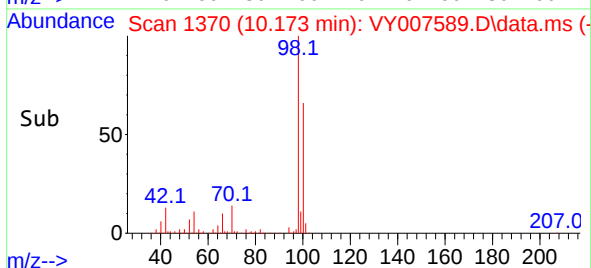
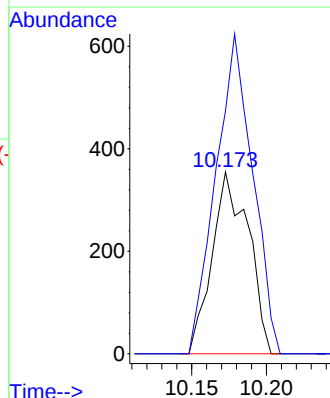
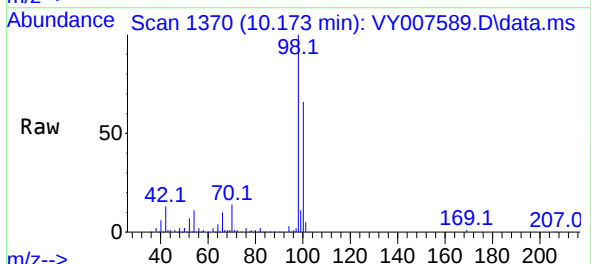
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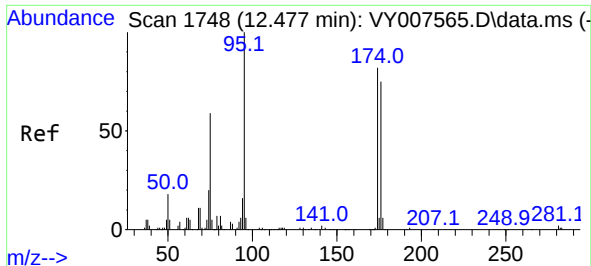
Tgt Ion: 98 Resp: 131299
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.381 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 179.0 28.1 42.1#

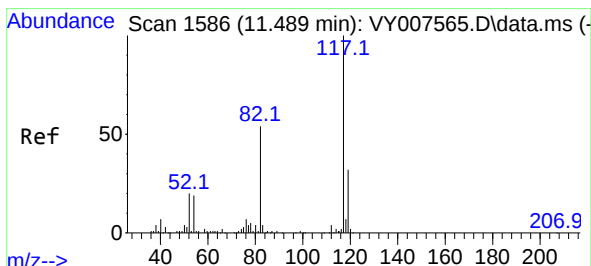
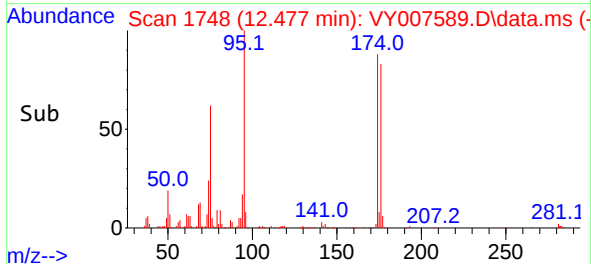
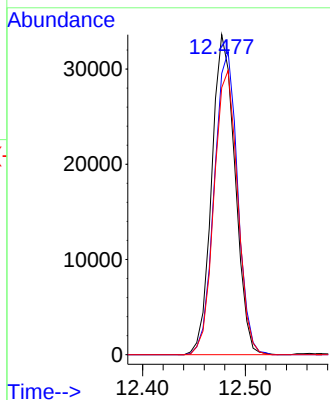
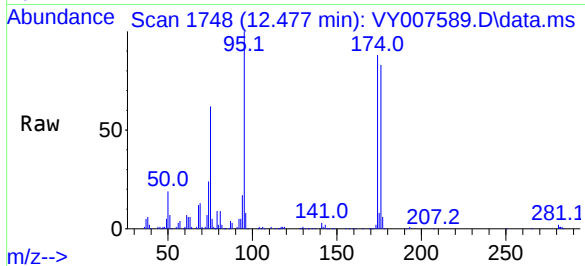




#62
4-Bromofluorobenzene
Concen: 59.263 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

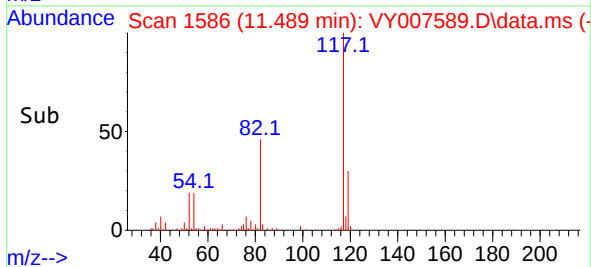
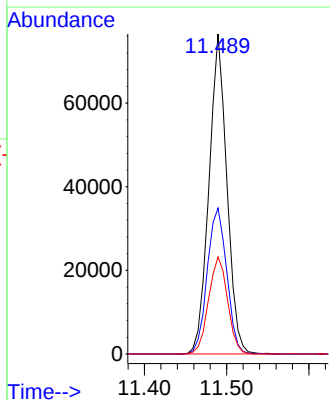
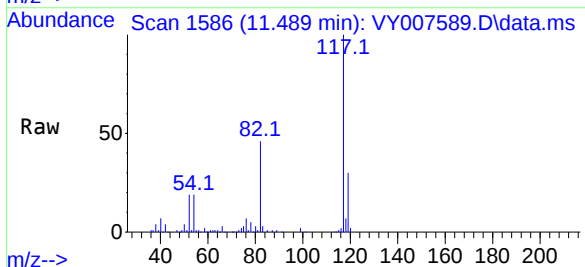
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

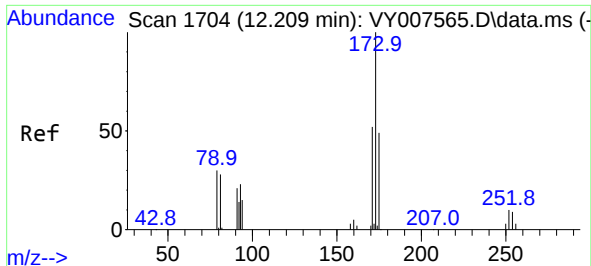
Tgt Ion:	95	Resp:	52916
Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	177.0
176	89.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion:	117	Resp:	115948
Ion	Ratio	Lower	Upper
117	100		
82	45.6	43.0	64.4
119	30.3	25.4	38.0

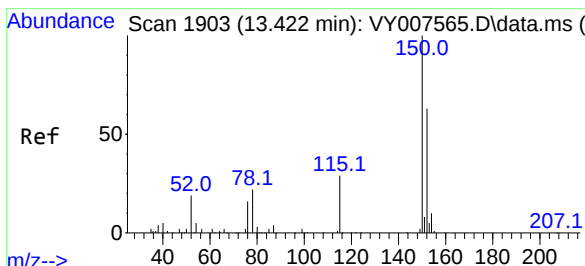
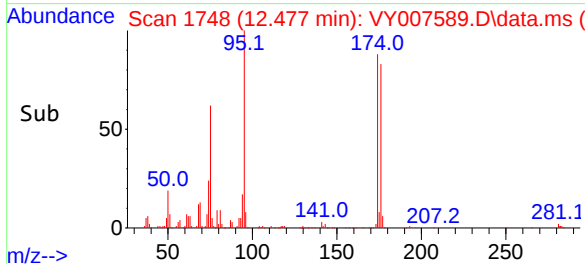
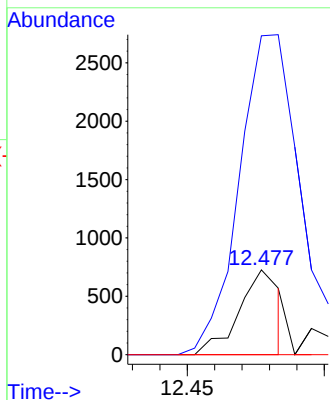
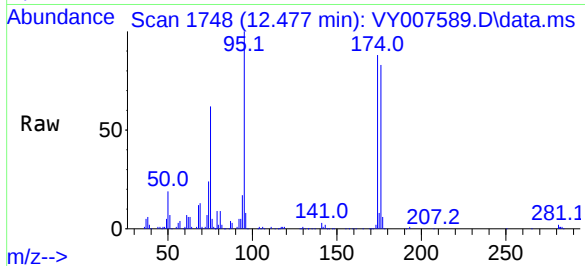




#71
Bromoform
Concen: 1.253 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.268 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

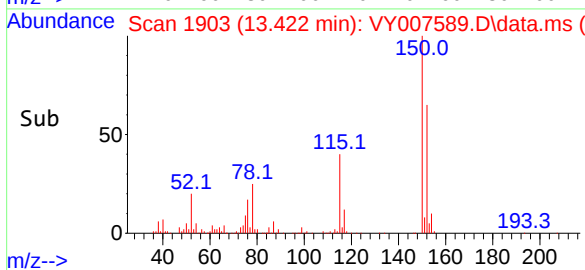
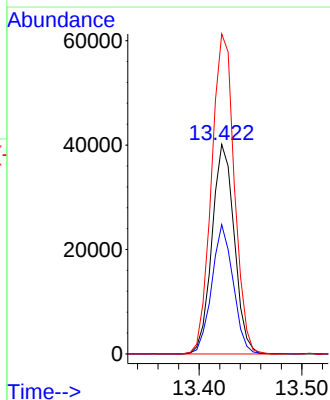
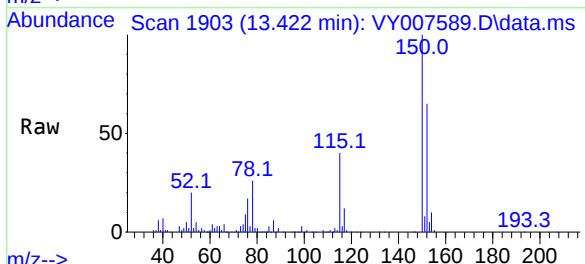
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

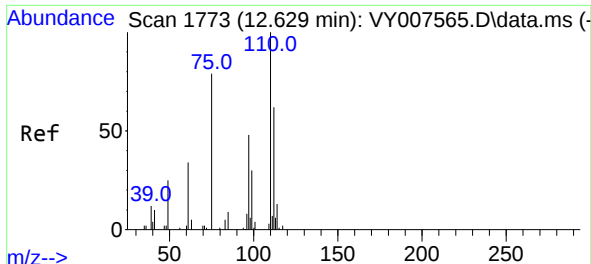
Tgt Ion:173 Resp: 756
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion:152 Resp: 60387
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.3 0.0 347.6

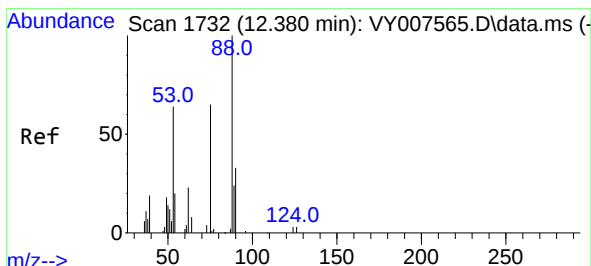
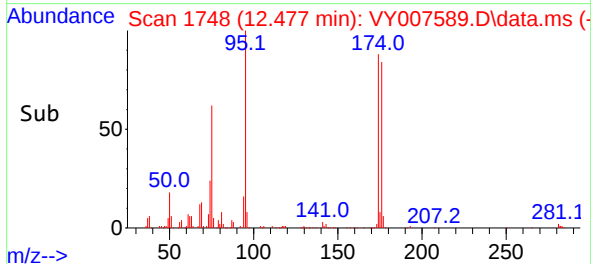
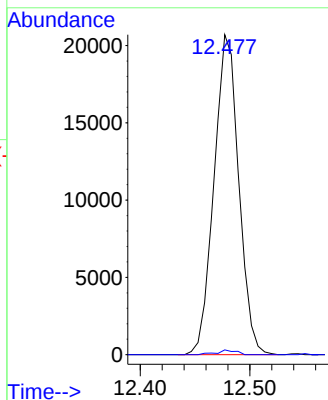
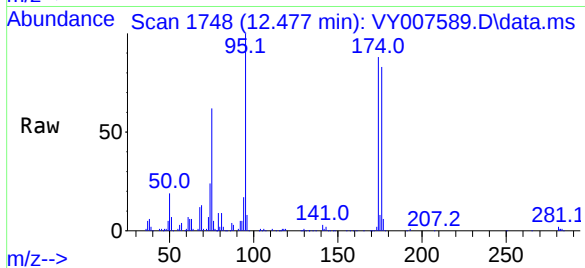




#76
1,2,3-Trichloropropane
Concen: 45.933 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

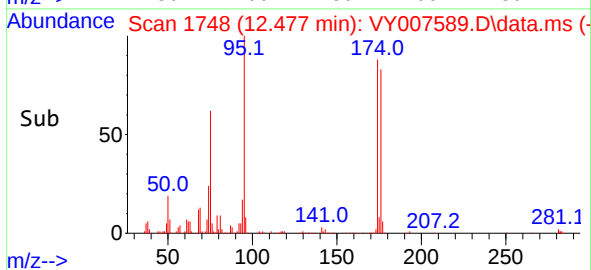
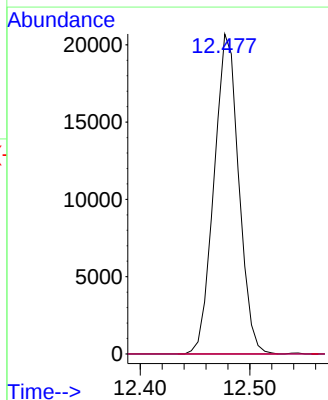
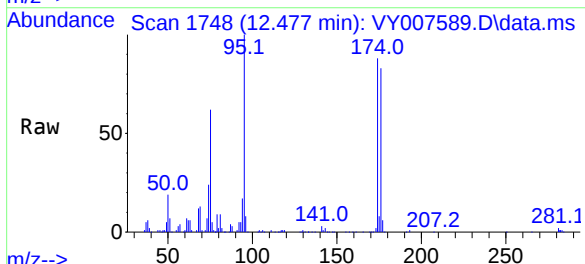
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

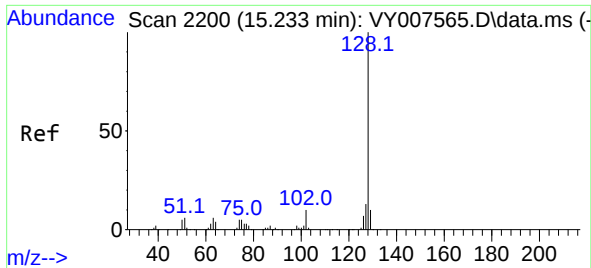
Tgt Ion: 75 Resp: 32468
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.569 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY007589.D
Acq: 22 Feb 2022 18:04

Tgt Ion: 75 Resp: 32468
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 32.449 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007589.D

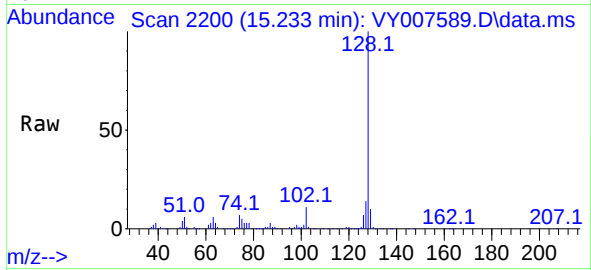
Acq: 22 Feb 2022 18:04

Instrument :

MSVOA_Y

ClientSampleId :

RO-124019



Tgt Ion:128 Resp: 84609

Ion Ratio Lower Upper

128 100

127 14.4 11.0 16.4

129 10.8 8.4 12.6

