

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007587.D
 Acq On : 22 Feb 2022 16:54
 Operator : SY/MD
 Sample : N1635-01
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124055

Quant Time: Feb 23 03:32:03 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)

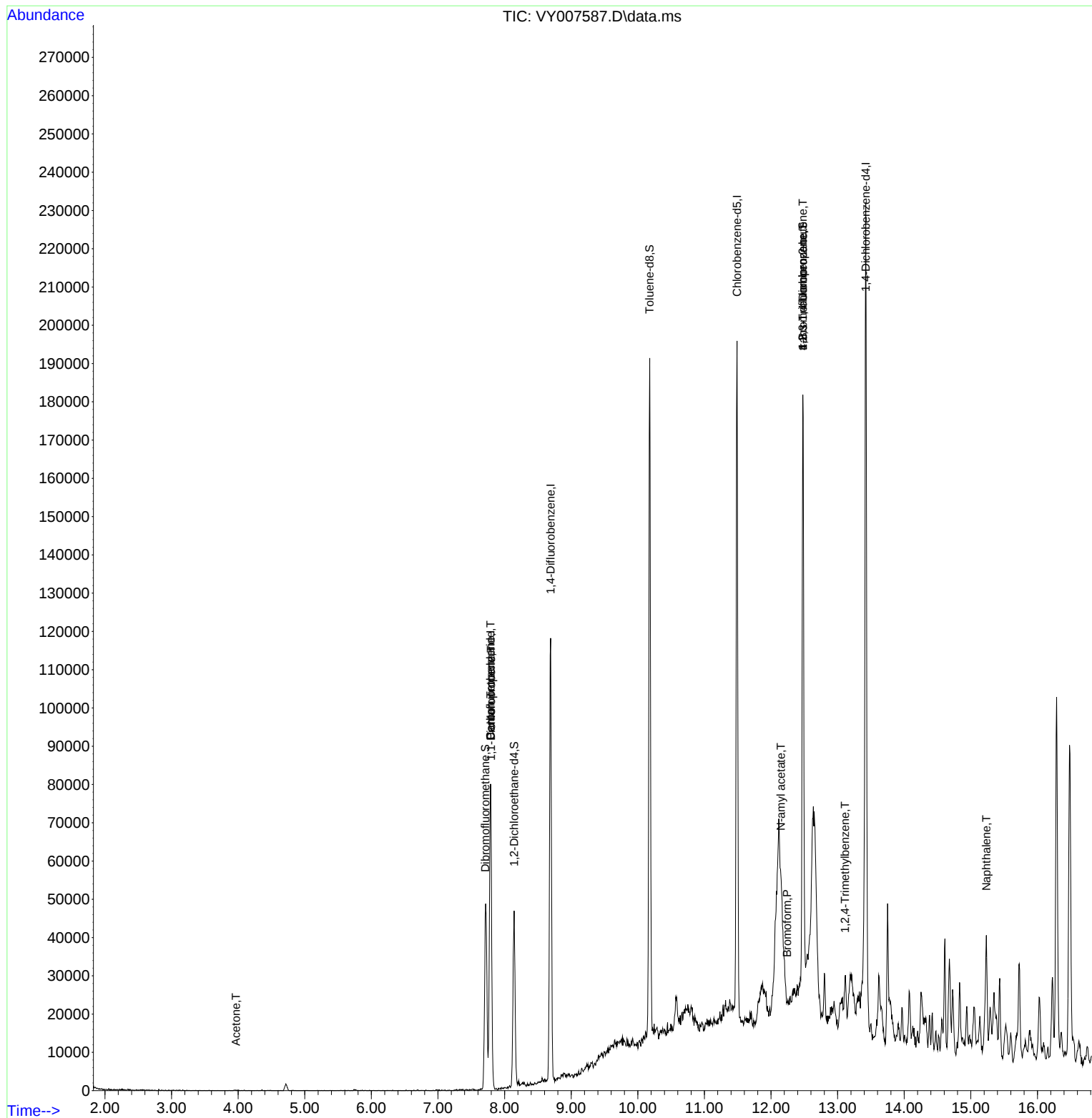
Internal Standards						
1) Pentafluorobenzene	7.789	168	57246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	34508	58.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.400%	
35) Dibromofluoromethane	7.710	113	31522	53.874	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.179	98	109424	53.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.477	95	41487	56.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	335	2.395	ug/l #	47
20) Methylene Chloride	4.704	84	955	Below Cal	#	73
31) Cyclohexane	7.783	56	1348	Below Cal	#	9
36) 1,1-Dichloropropene	7.795	75	4236	4.954	ug/l #	55
38) Carbon Tetrachloride	7.789	117	6621	5.750	ug/l #	18
71) Bromoform	12.239	173	512	1.099	ug/l #	28
74) N-amyl acetate	12.148	43	2498	3.610	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	25722	48.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	25722	119.464	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.111	105	4367	1.485	ug/l	84
95) Naphthalene	15.233	128	21836	11.218	ug/l	99

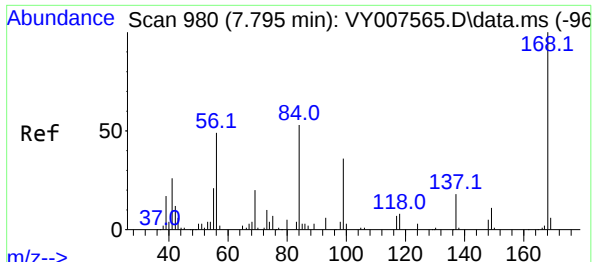
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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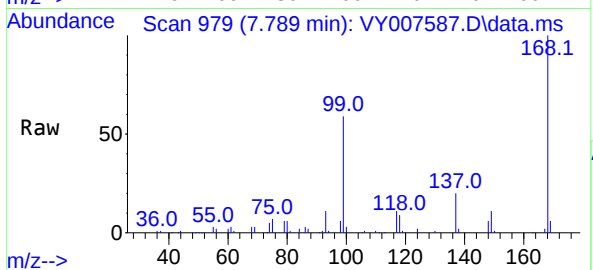
Quant Time: Feb 23 03:32:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
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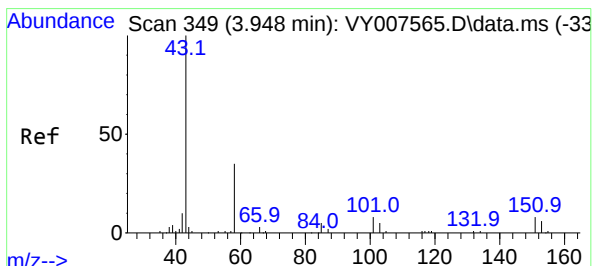
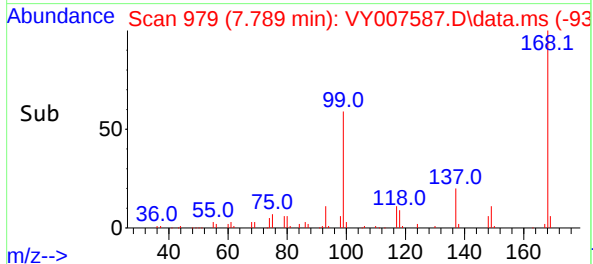
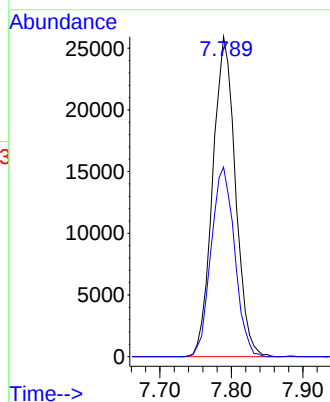


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

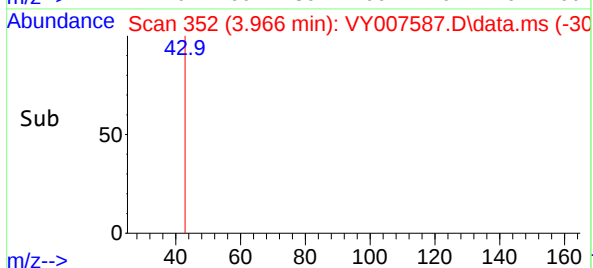
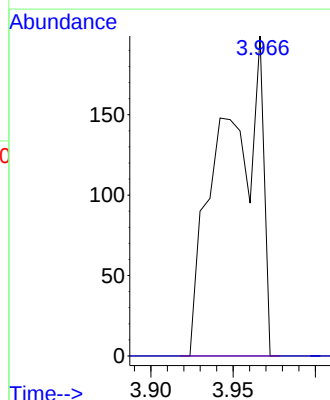
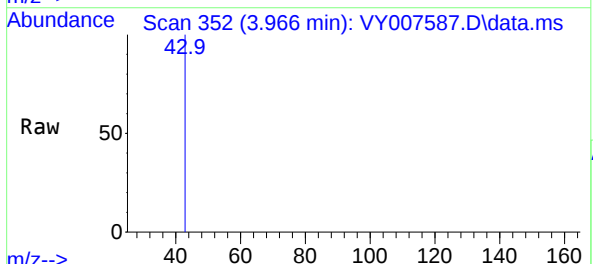


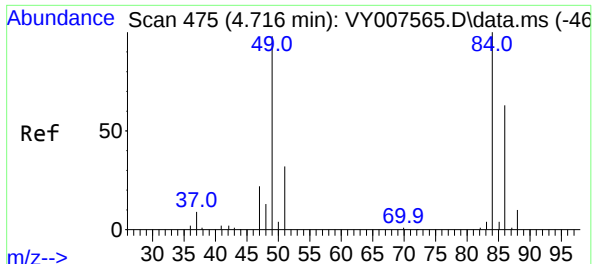
Tgt Ion:168 Resp: 57246
Ion Ratio Lower Upper
168 100
99 59.2 46.9 70.3



#16
Acetone
Concen: 2.395 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY007587.D

Acq: 22 Feb 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

RO-124055

Tgt Ion: 84 Resp: 955

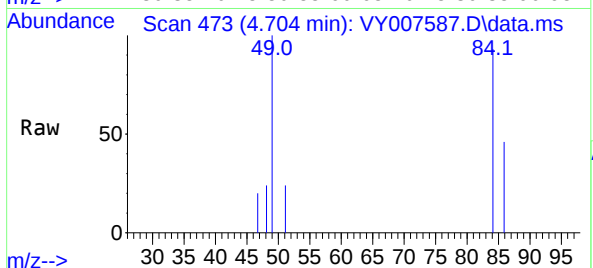
Ion Ratio Lower Upper

84 100

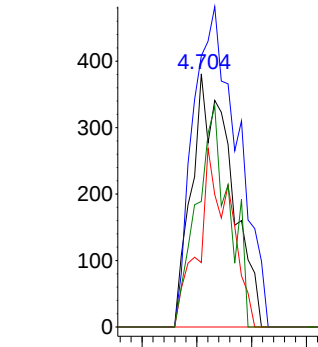
49 107.1 114.4 171.6#

51 25.5 35.3 52.9#

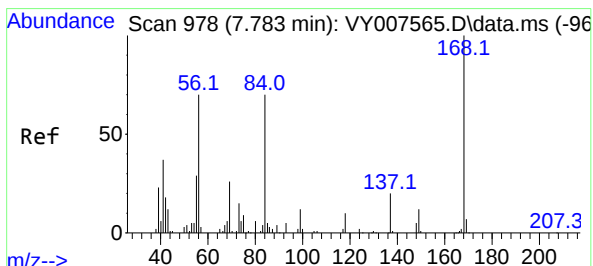
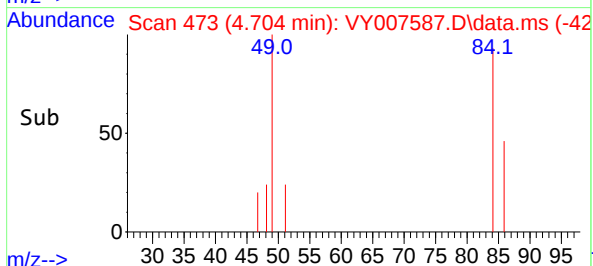
86 49.6 53.7 80.5#



Abundance



Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007587.D

Acq: 22 Feb 2022 16:54

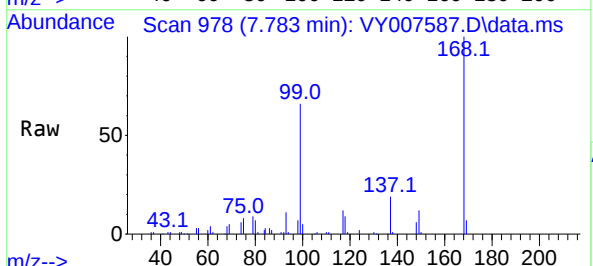
Tgt Ion: 56 Resp: 1348

Ion Ratio Lower Upper

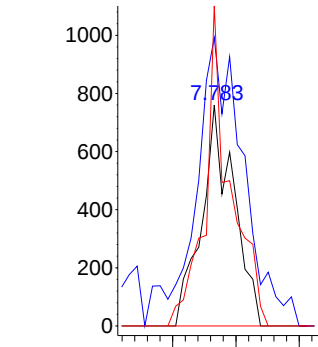
56 100

69 118.4 26.7 40.1#

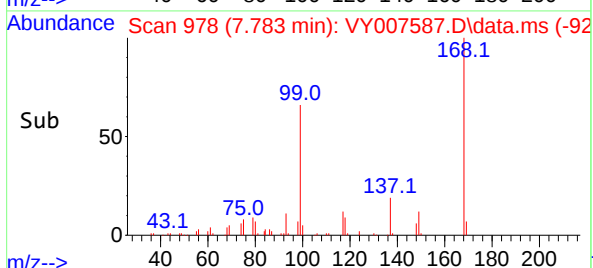
84 144.9 67.2 100.8#

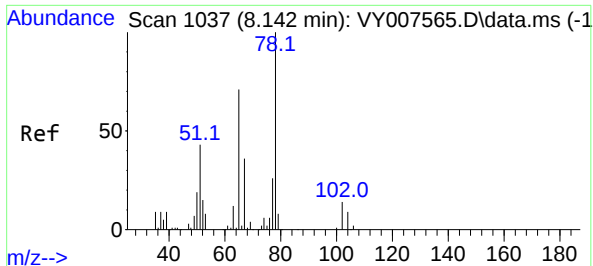


Abundance



Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.202 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007587.D

Acq: 22 Feb 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

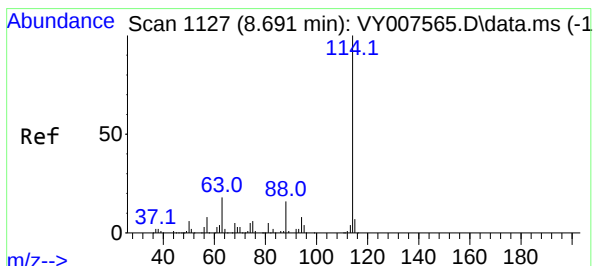
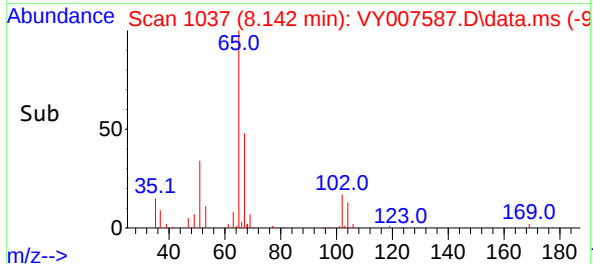
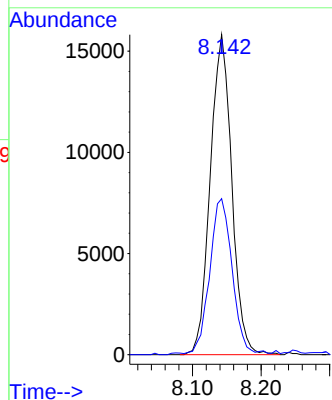
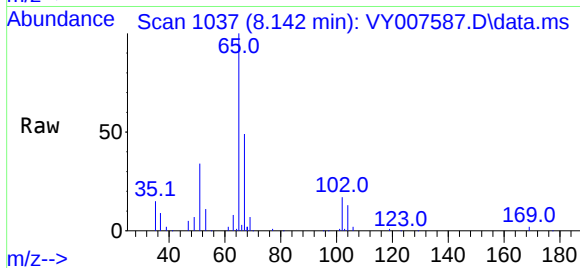
RO-124055

Tgt Ion: 65 Resp: 34508

Ion Ratio Lower Upper

65 100

67 50.0 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: VY007587.D

Acq: 22 Feb 2022 16:54

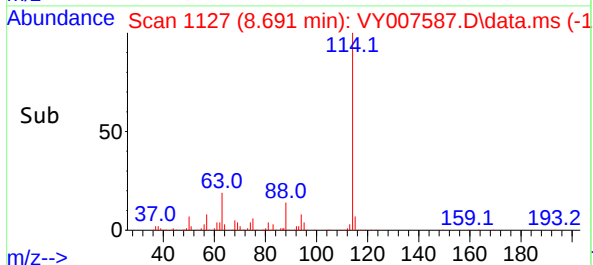
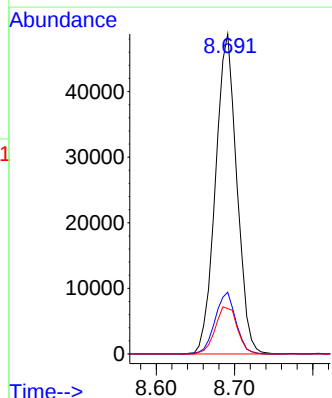
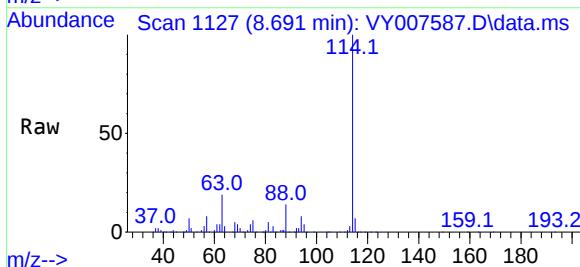
Tgt Ion:114 Resp: 92276

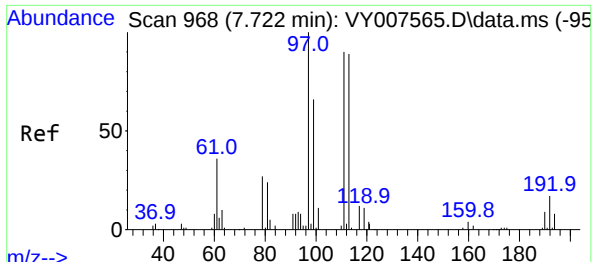
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.2 0.0 31.8

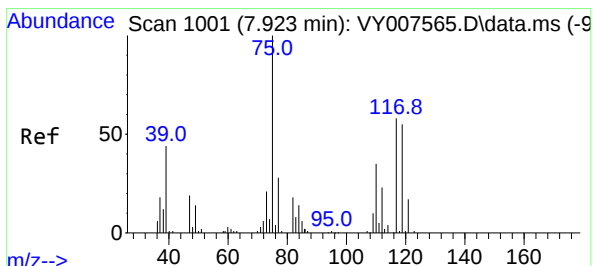
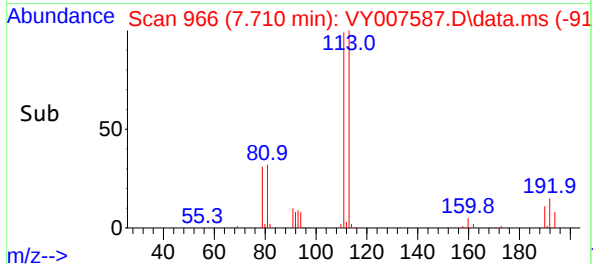
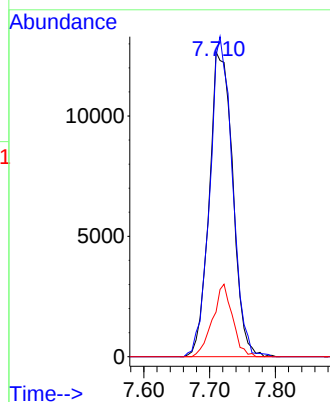
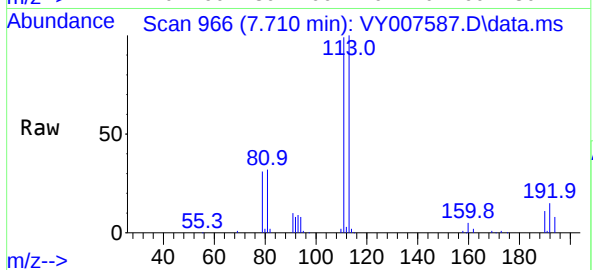




#35
Dibromofluoromethane
Concen: 53.874 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

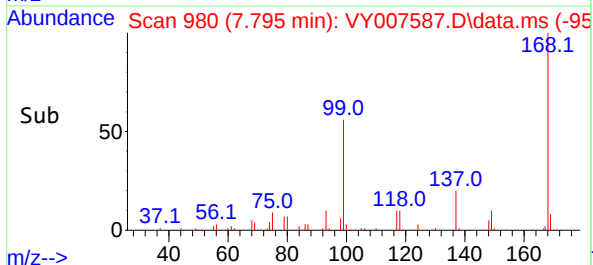
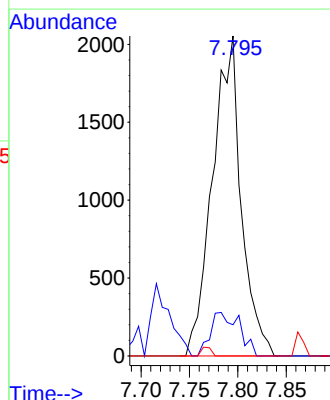
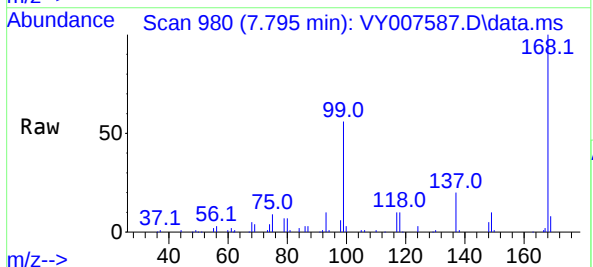
Instrument :
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ClientSampleId :
RO-124055

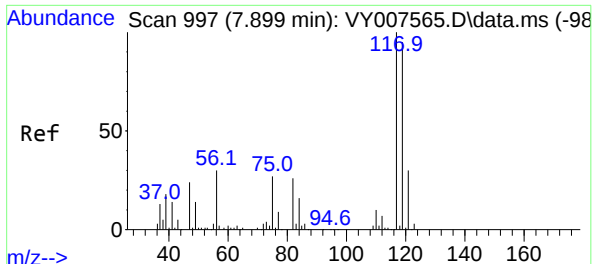
Tgt Ion:113 Resp: 31522
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 75 Resp: 4236
Ion Ratio Lower Upper
75 100
110 13.7 17.1 51.2#
77 0.0 24.4 36.6#

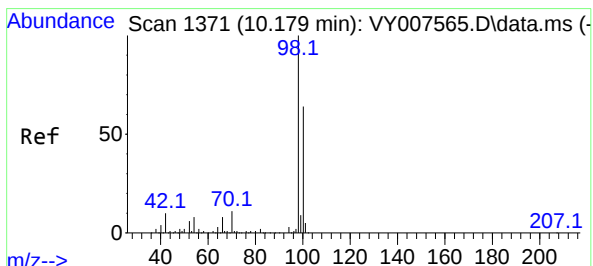
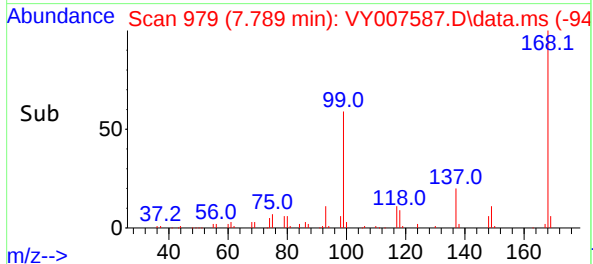
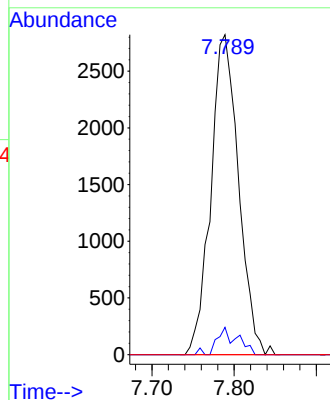
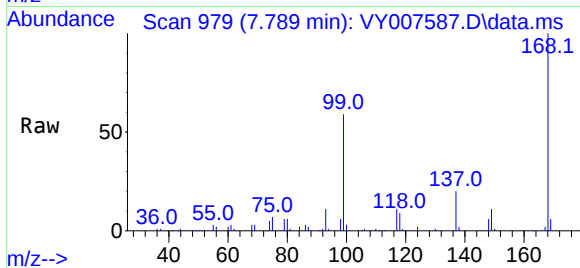




#38
Carbon Tetrachloride
Concen: 5.750 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

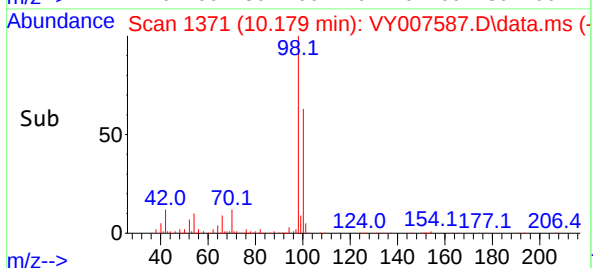
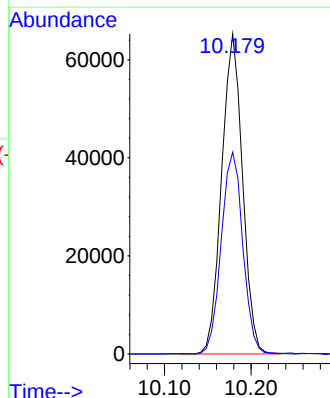
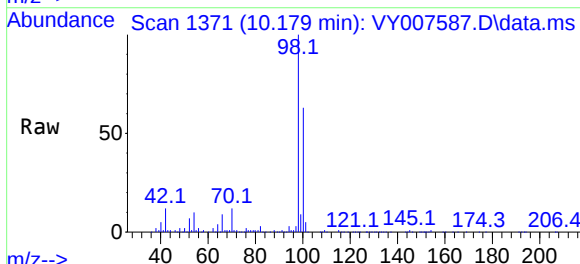
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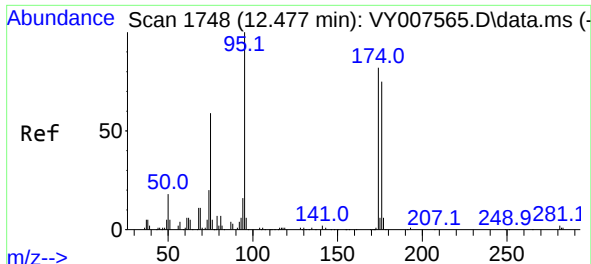
Tgt Ion:117 Resp: 6621
Ion Ratio Lower Upper
117 100
119 8.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.937 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 98 Resp: 109424
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

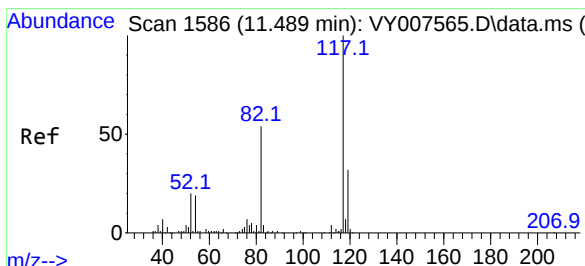
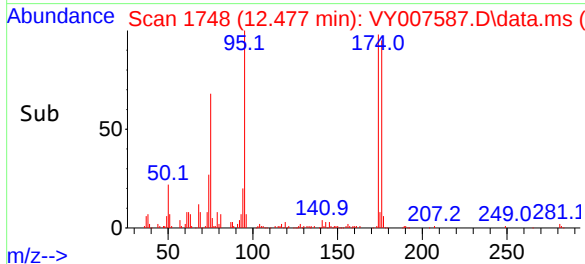
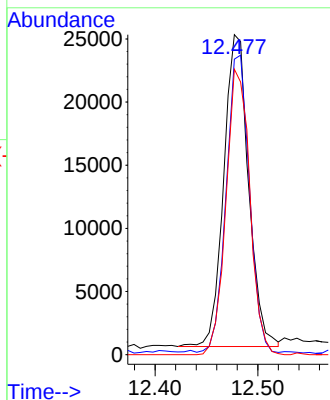
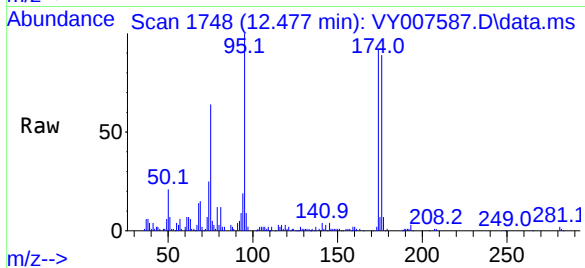




#62
4-Bromofluorobenzene
Concen: 56.478 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

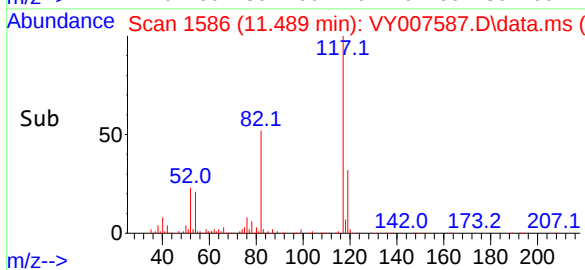
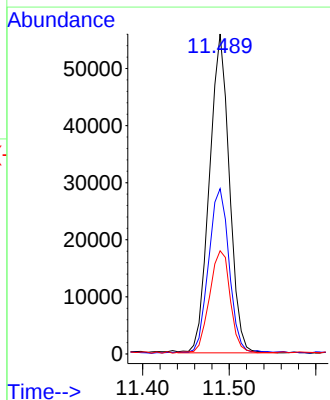
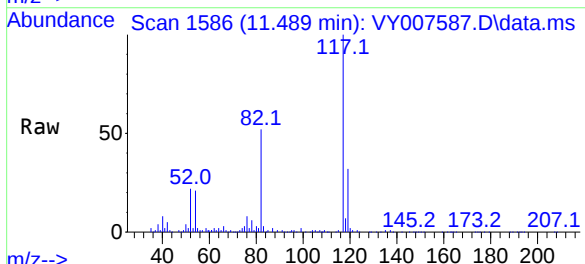
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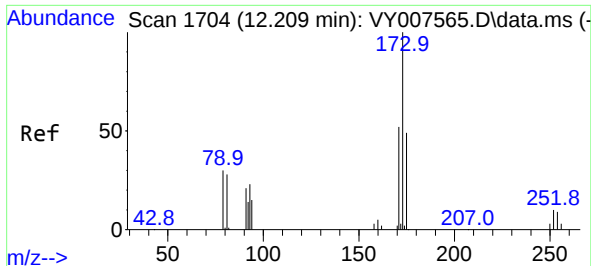
Tgt Ion:	95	Resp:	41487
Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	177.0
176	87.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion:	117	Resp:	89538
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.0	64.4
119	31.8	25.4	38.0

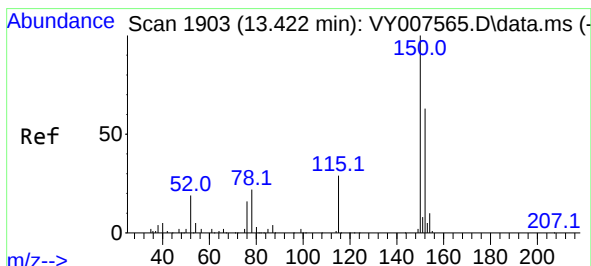
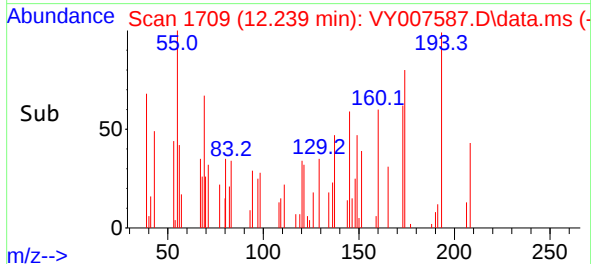
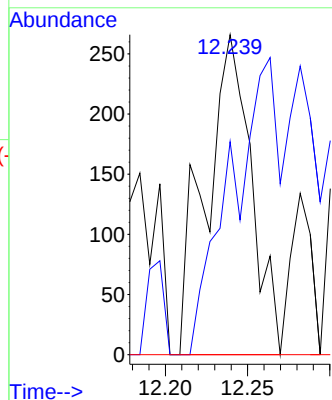
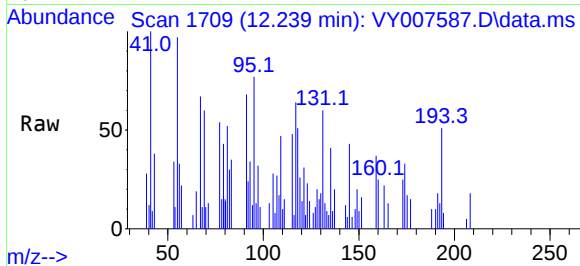




#71
Bromoform
Concen: 1.099 ug/l
RT: 12.239 min Scan# 1709
Delta R.T. 0.030 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

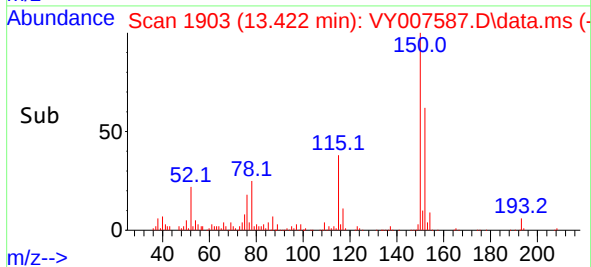
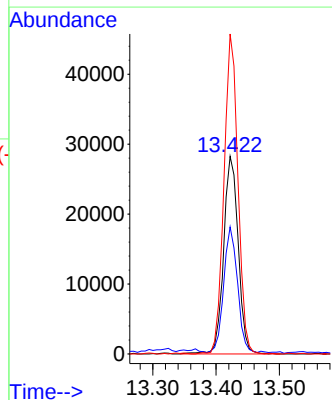
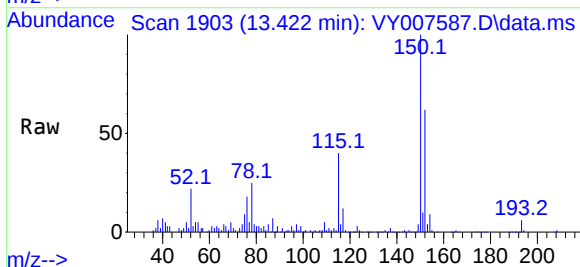
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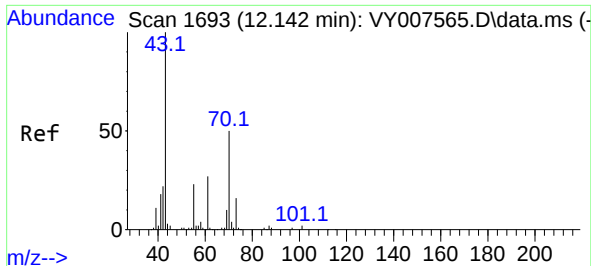
Tgt Ion:173 Resp: 512
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion:152 Resp: 45079
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 155.0 0.0 347.6

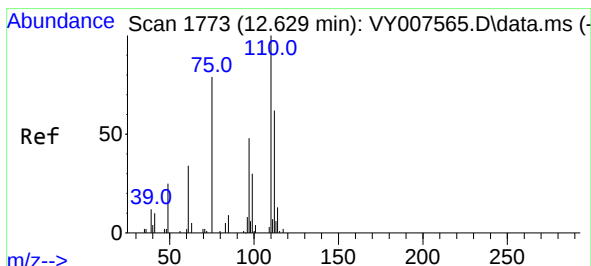
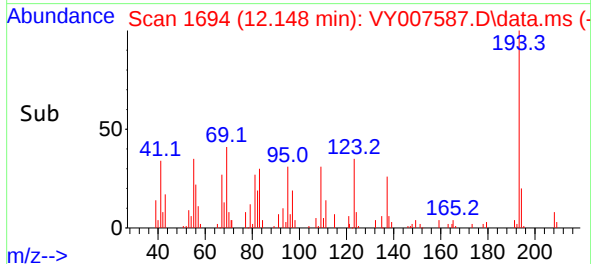
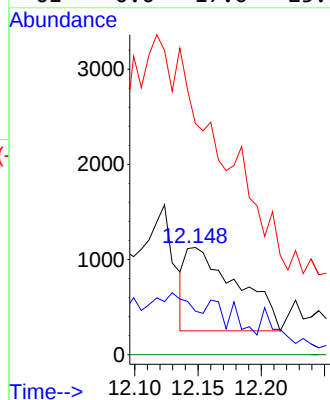
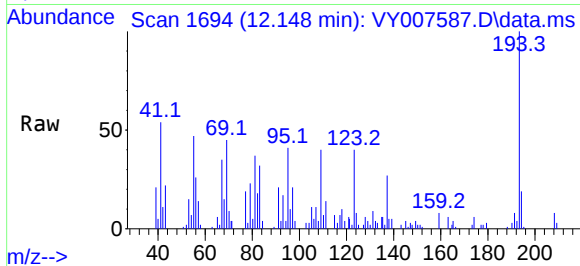




#74
N-amy1 acetate
Concen: 3.610 ug/l
RT: 12.148 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

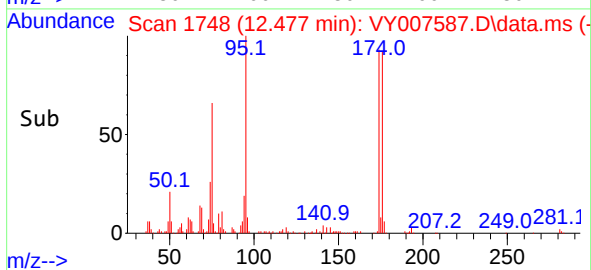
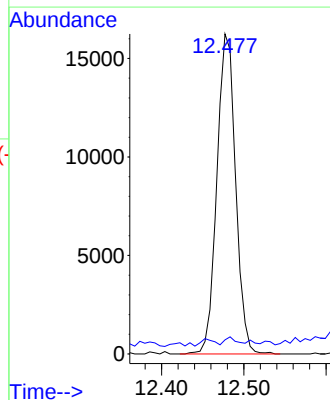
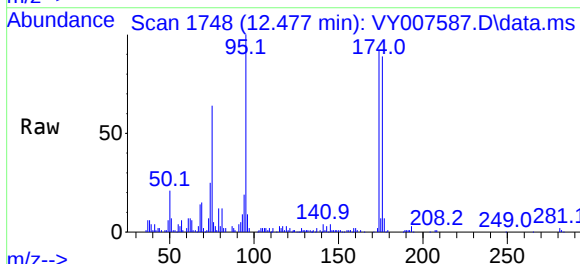
Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

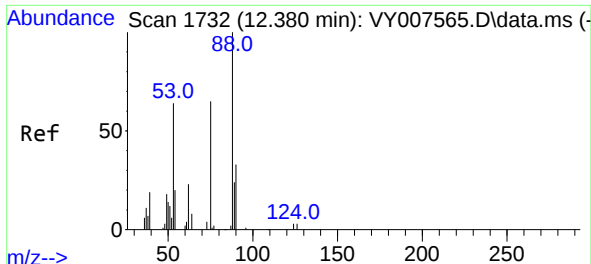
Tgt Ion: 43 Resp: 2498
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 48.746 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 75 Resp: 25722
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

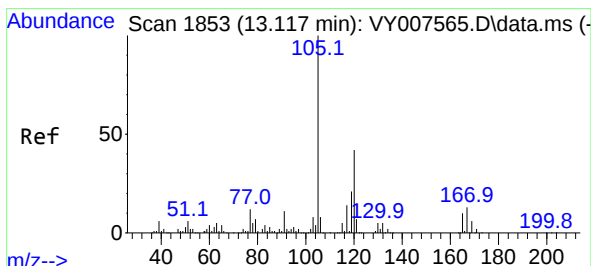
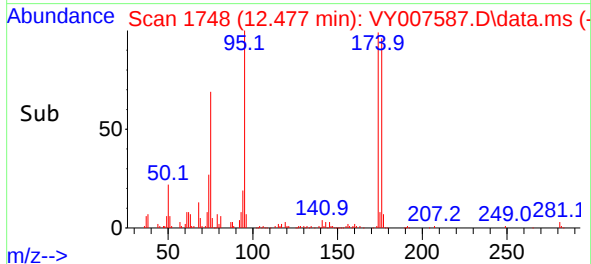
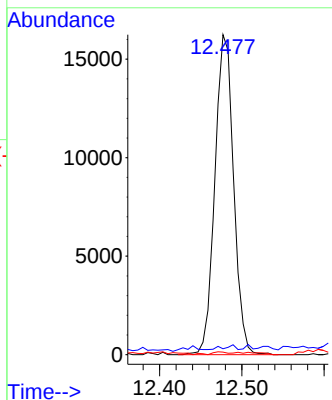
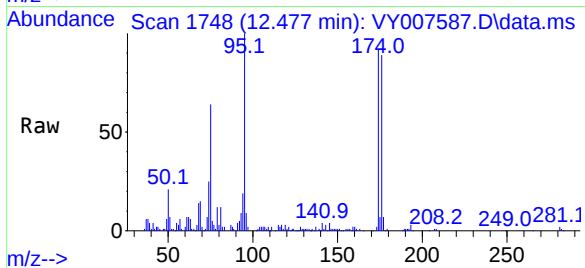




#81
trans-1,4-Dichloro-2-butene
Concen: 119.464 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

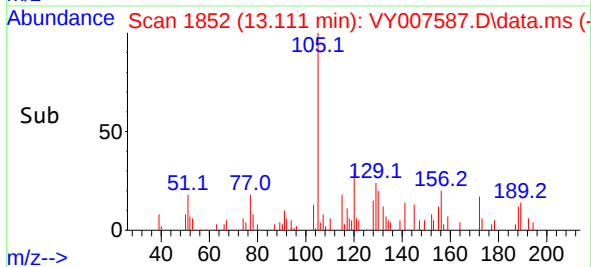
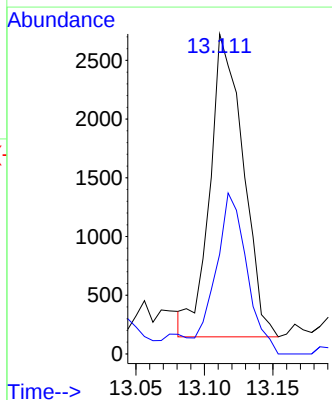
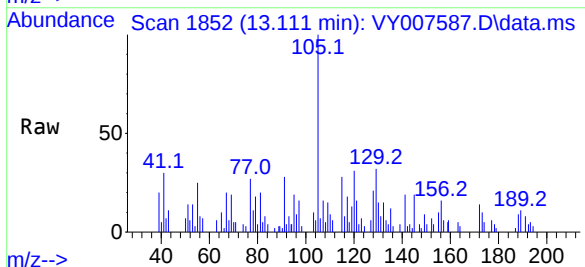
Instrument :
MSVOA_Y
ClientSampleId :
RO-124055

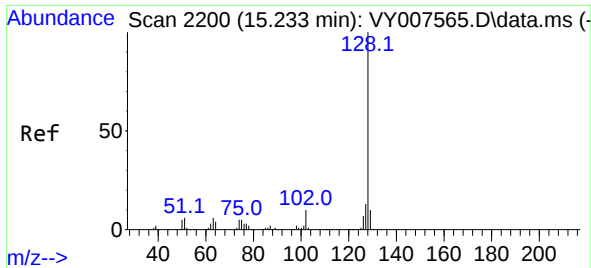
Tgt Ion: 75 Resp: 25722
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 0.8 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.485 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY007587.D
Acq: 22 Feb 2022 16:54

Tgt Ion: 105 Resp: 4367
Ion Ratio Lower Upper
105 100
120 55.1 22.3 66.9





#95

Naphthalene

Concen: 11.218 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007587.D

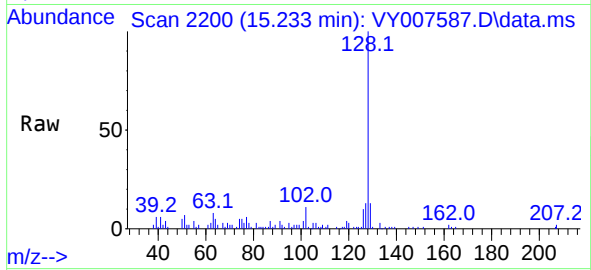
Acq: 22 Feb 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

RO-124055



Tgt Ion:128 Resp: 21836

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 11.7 8.4 12.6

