

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007408.D
 Acq On : 07 Feb 2022 13:20
 Operator : SY/MD
 Sample : N1401-05RE
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124042RE

Quant Time: Feb 08 00:37:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

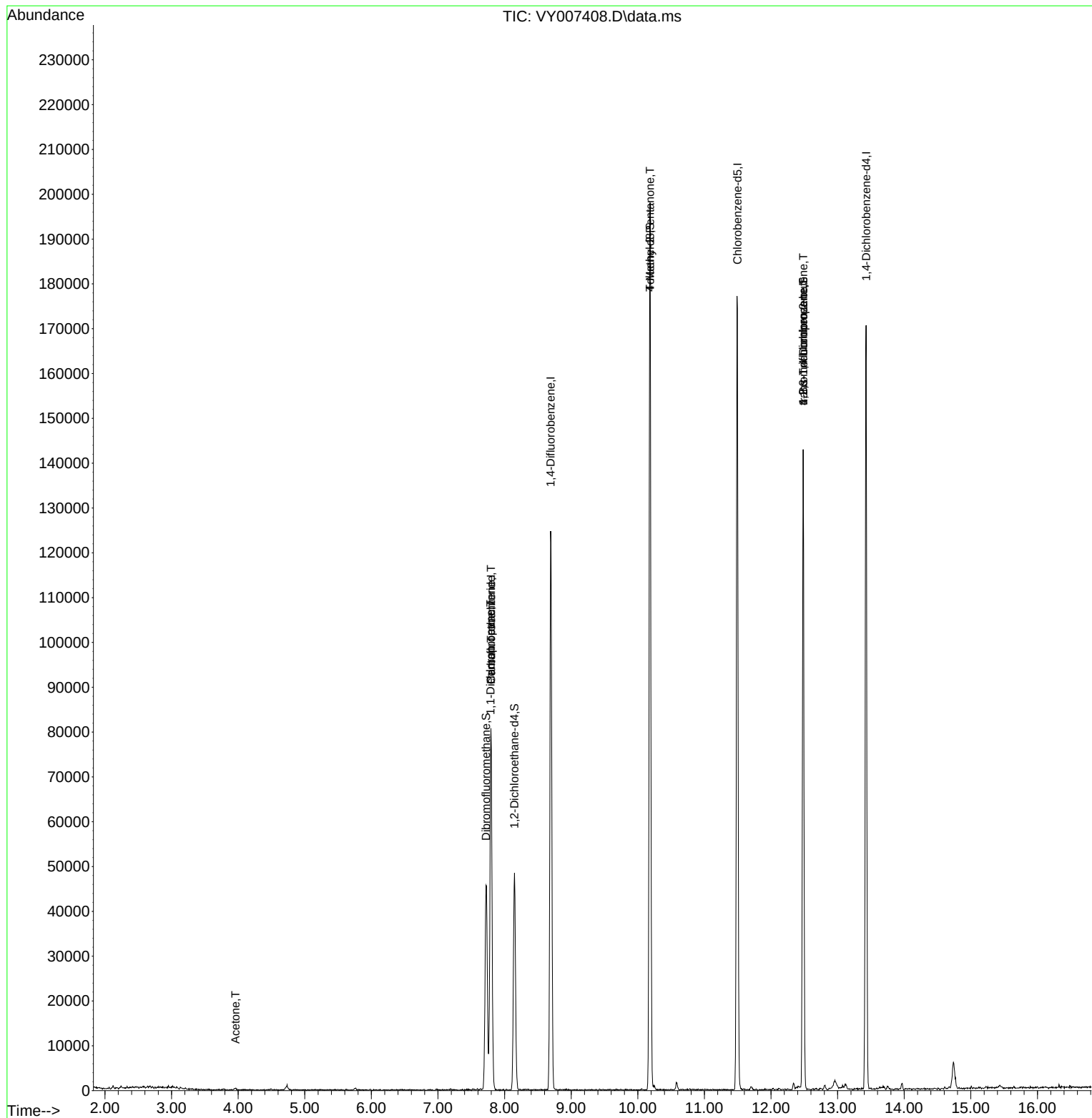
Internal Standards						
1) Pentafluorobenzene	7.795	168	57811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	96383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	38107	57.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.620%
35) Dibromofluoromethane	7.722	113	33405	49.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.080%
50) Toluene-d8	10.185	98	128754	51.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.483	95	43366	51.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.420%
Target Compounds						
3) Chloromethane	2.125	50	376	Below Cal	Qvalue	97
16) Acetone	3.960	43	858	3.973 ug/l		91
20) Methylene Chloride	4.735	84	576	Below Cal	#	72
36) 1,1-Dichloropropene	7.789	75	4727	4.010 ug/l	#	51
38) Carbon Tetrachloride	7.795	117	6475	5.228 ug/l	#	14
51) 4-Methyl-2-Pentanone	10.185	43	626	1.126 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	23500	47.985 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23500	96.135 ug/l	#	7

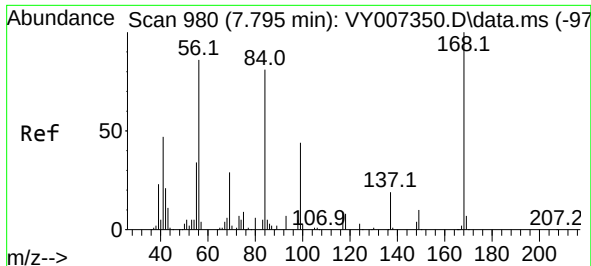
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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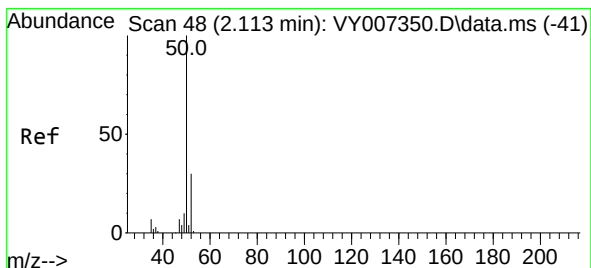
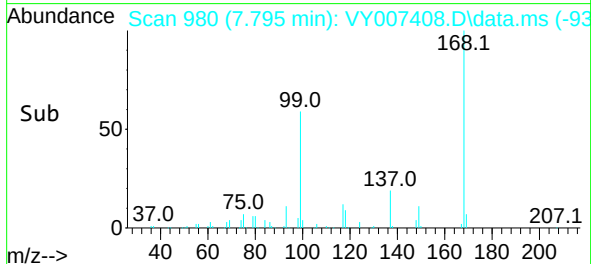
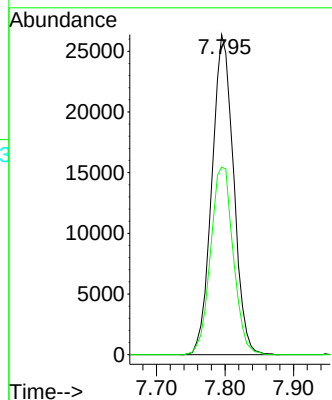
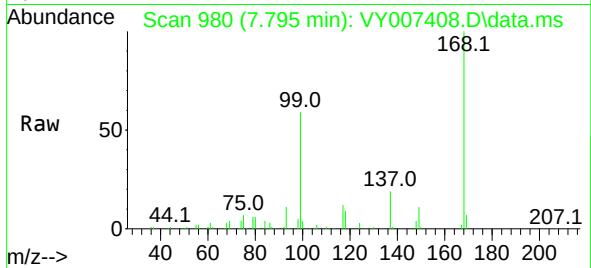




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

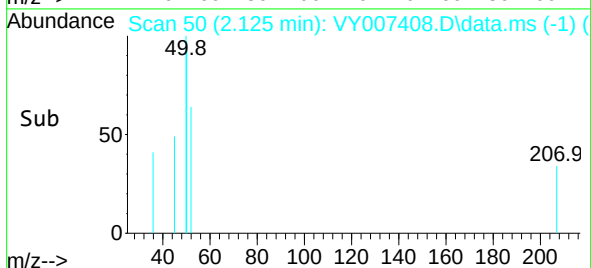
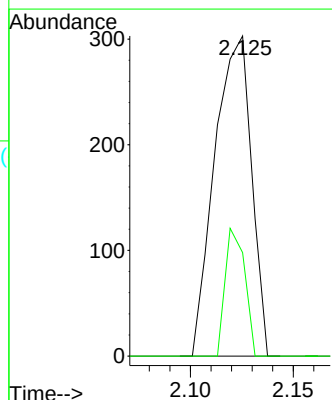
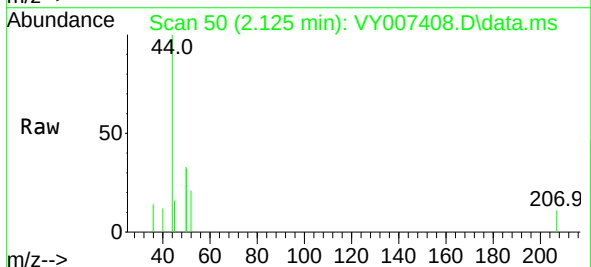
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042RE

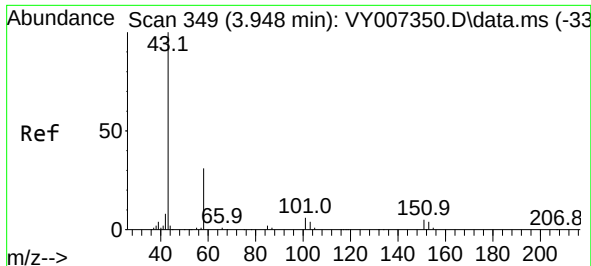
Tgt Ion:168 Resp: 57811
Ion Ratio Lower Upper
168 100
99 58.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 32.3 24.6 37.0





#16

Acetone

Concen: 3.973 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY007408.D

Acq: 07 Feb 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

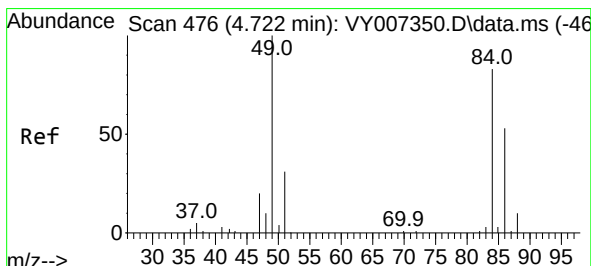
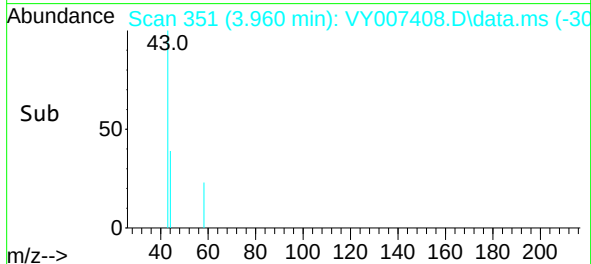
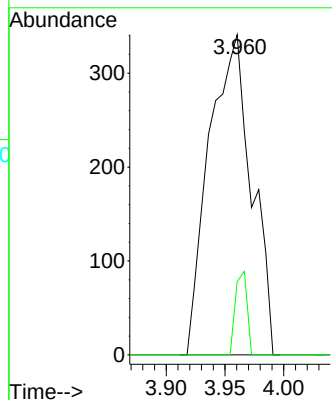
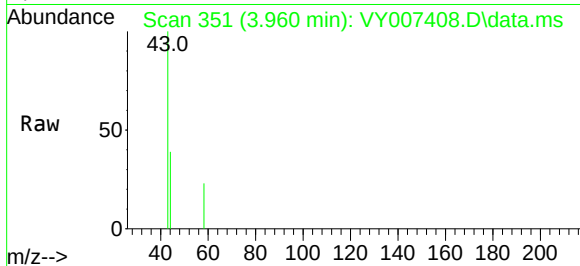
PSC-124042RE

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 22.9 22.0 33.0



#20

Methylene Chloride

Concen: Below Cal

RT: 4.735 min Scan# 478

Delta R.T. 0.013 min

Lab File: VY007408.D

Acq: 07 Feb 2022 13:20

Tgt Ion: 84 Resp: 576

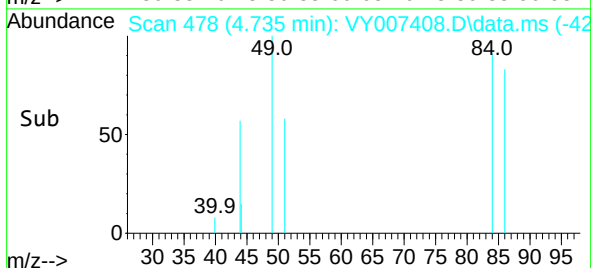
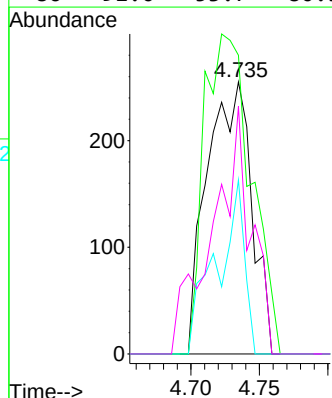
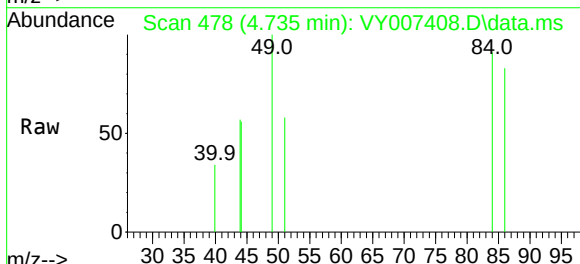
Ion Ratio Lower Upper

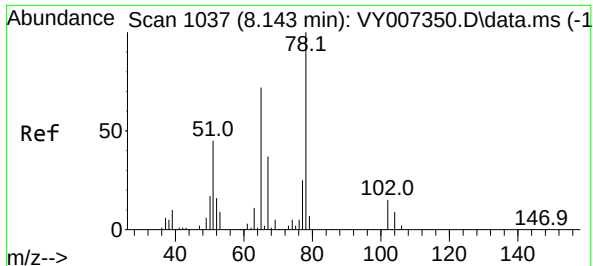
84 100

49 109.8 114.4 171.6#

51 63.9 35.3 52.9#

86 91.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 57.307 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007408.D

Acq: 07 Feb 2022 13:20

Instrument :

MSVOA_Y

ClientSampleId :

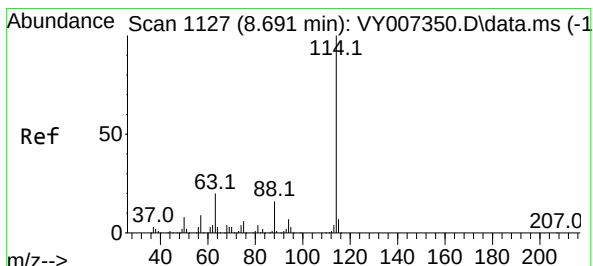
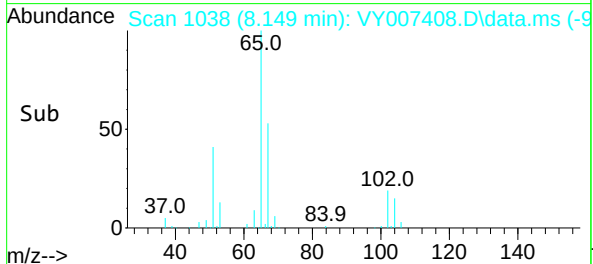
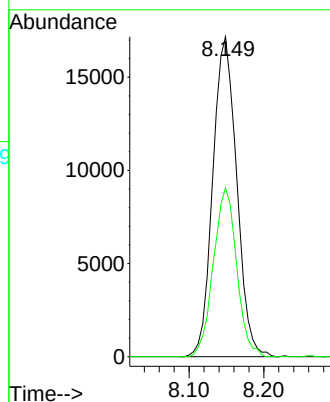
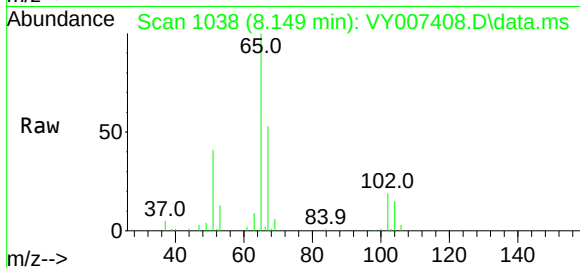
PSC-124042RE

Tgt Ion: 65 Resp: 38107

Ion Ratio Lower Upper

65 100

67 51.4 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: VY007408.D

Acq: 07 Feb 2022 13:20

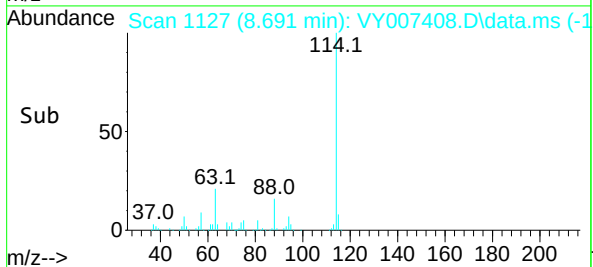
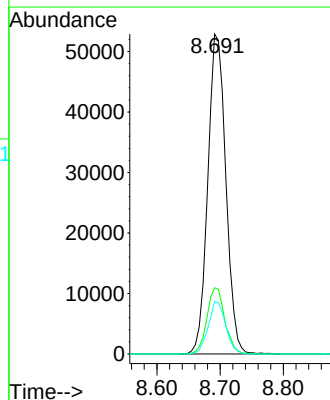
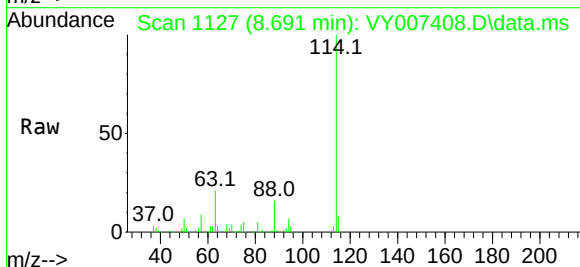
Tgt Ion: 114 Resp: 105014

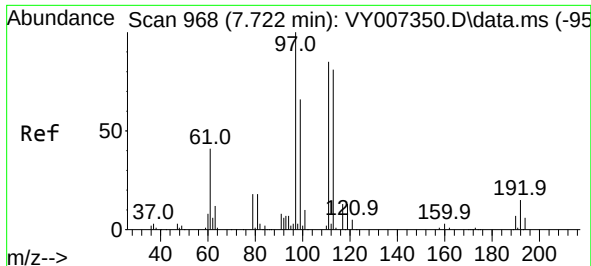
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 16.4 0.0 31.8

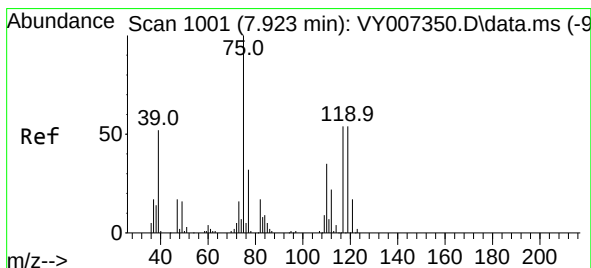
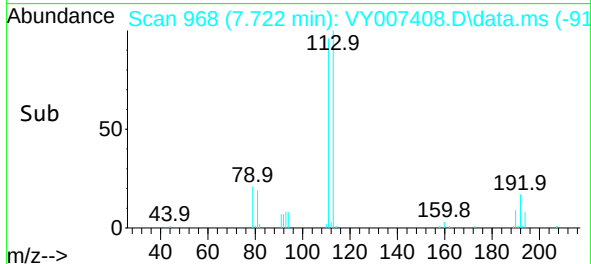
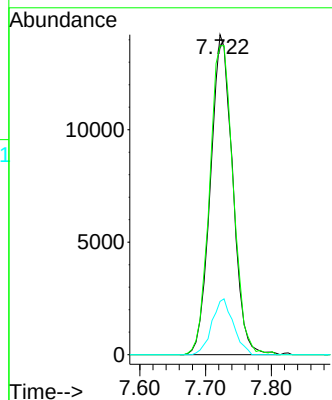
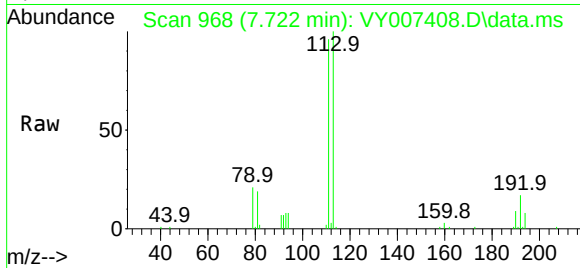




#35
Dibromofluoromethane
Concen: 49.538 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

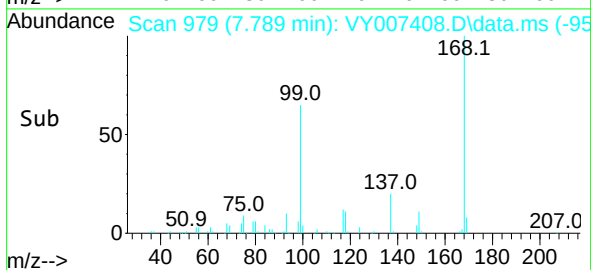
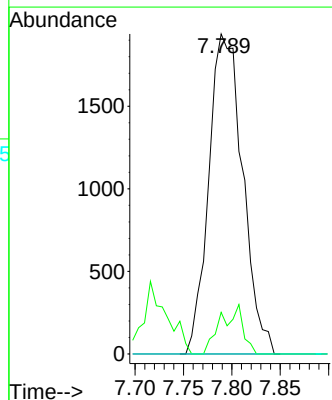
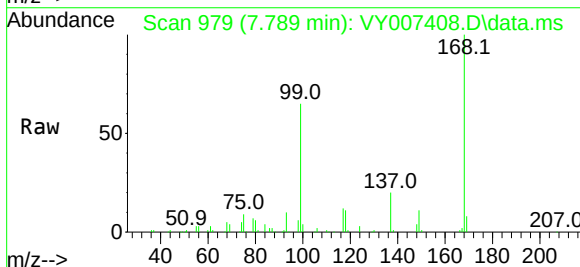
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042RE

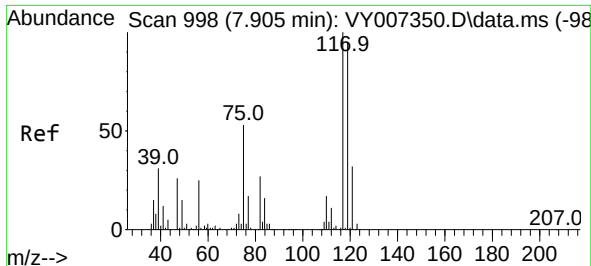
Tgt Ion:113 Resp: 33405
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 16.8 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.010 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

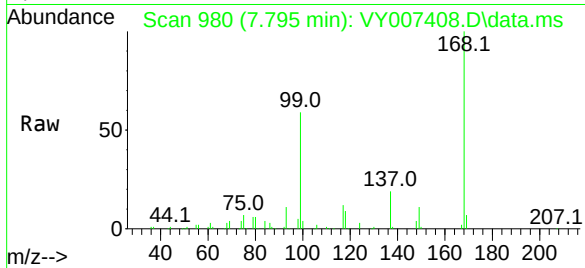
Tgt Ion: 75 Resp: 4727
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



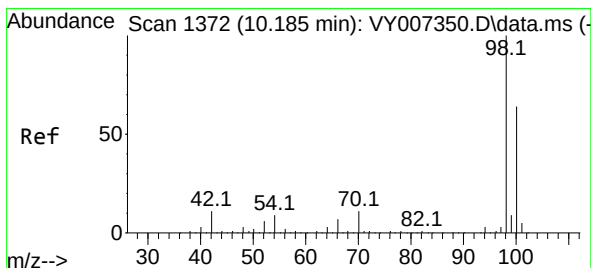
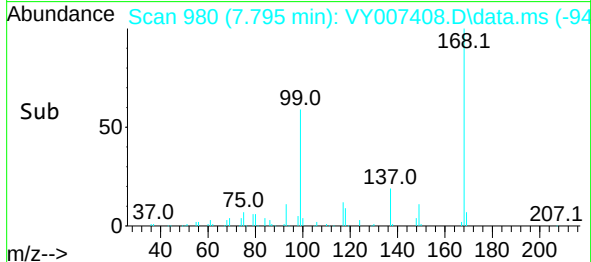
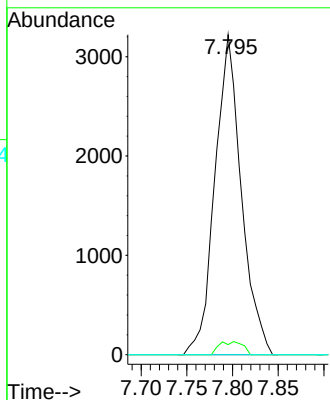


#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042RE

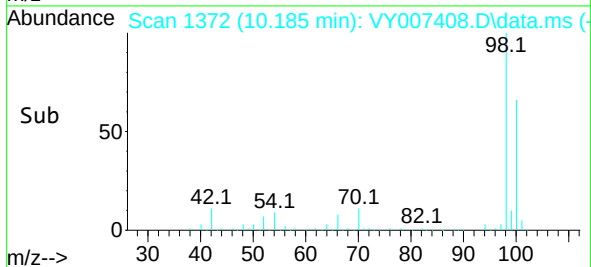
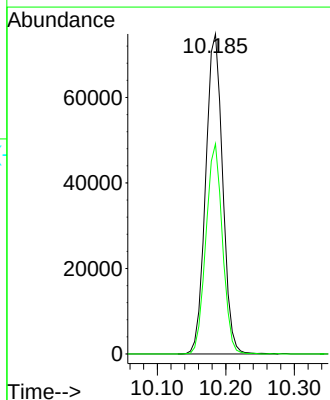
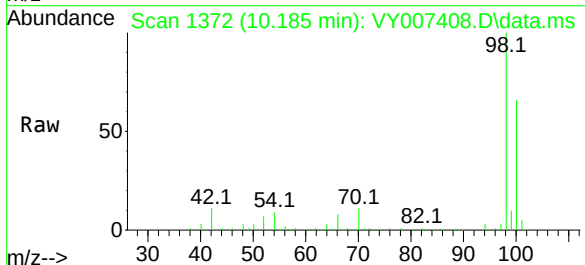


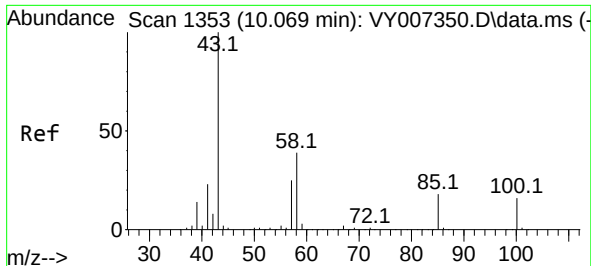
Tgt Ion:117 Resp: 6475
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.681 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Tgt Ion: 98 Resp: 128754
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

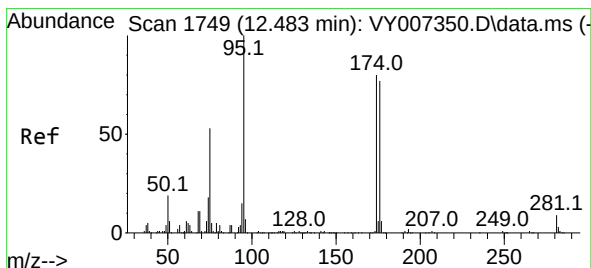
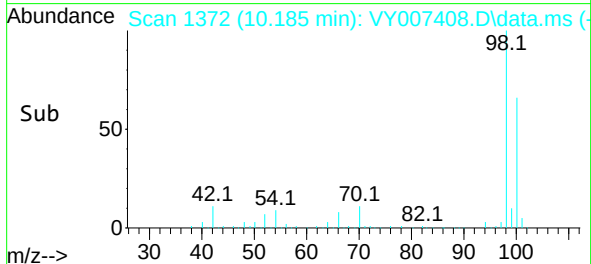
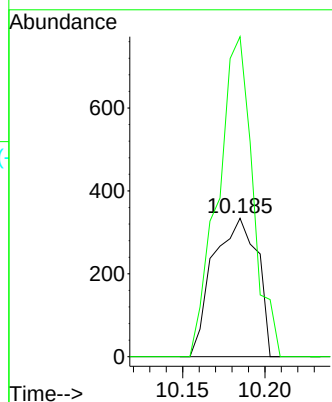
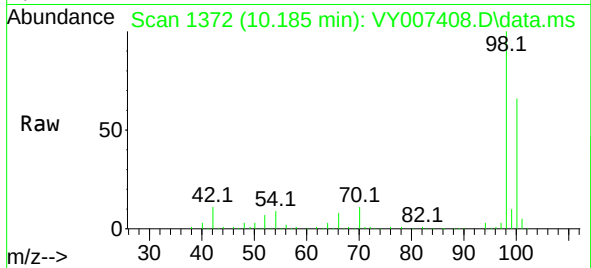




#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

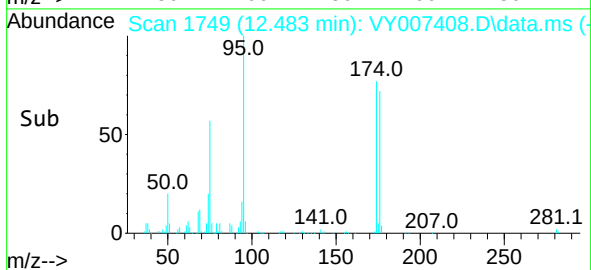
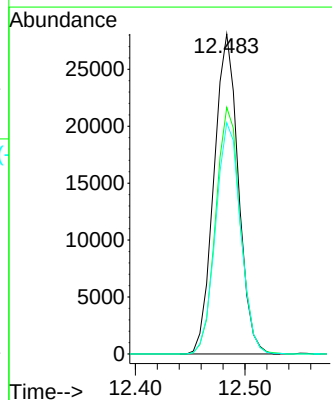
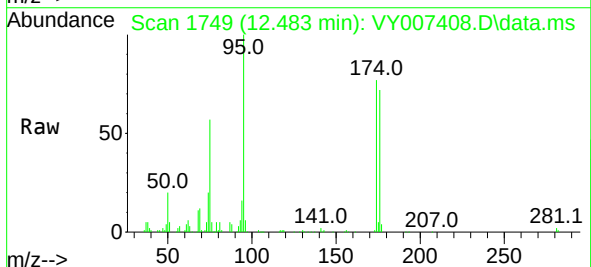
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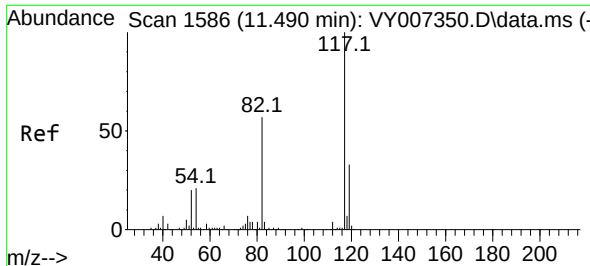
Tgt Ion: 43 Resp: 626
Ion Ratio Lower Upper
43 100
58 182.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 51.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Tgt Ion: 95 Resp: 43366
Ion Ratio Lower Upper
95 100
174 77.4 0.0 177.0
176 73.9 0.0 175.8

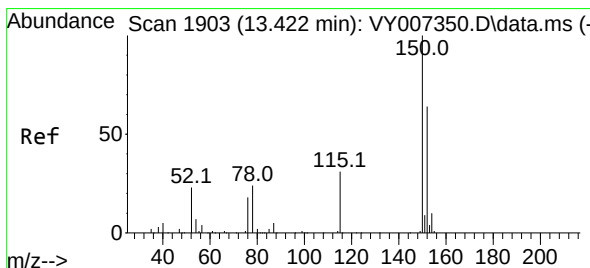
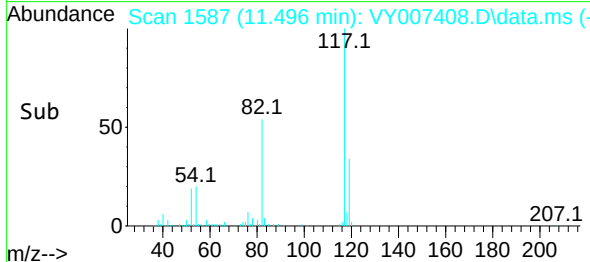
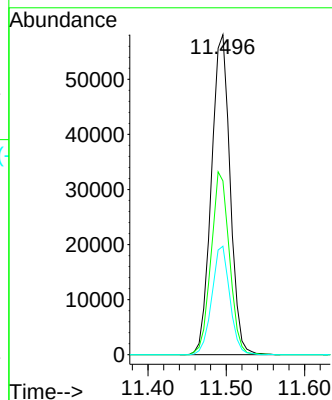
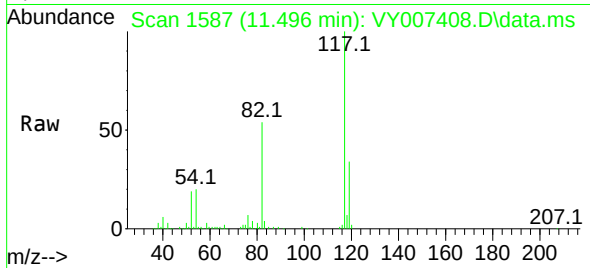




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

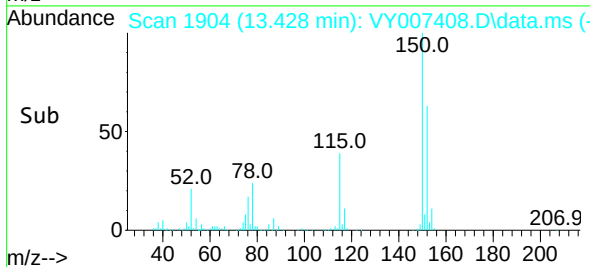
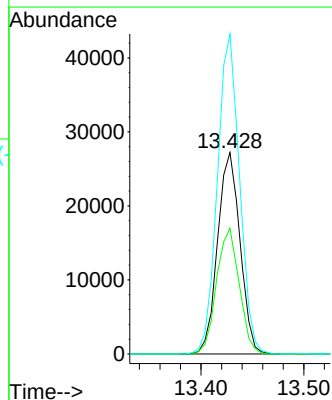
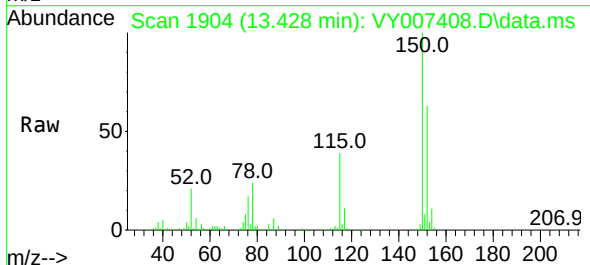
Instrument :
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ClientSampleId :
PSC-124042RE

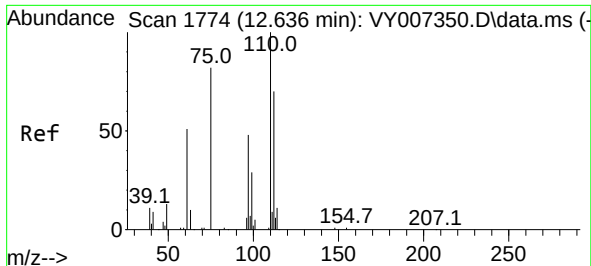
Tgt Ion:117 Resp: 96383
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 33.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Tgt Ion:152 Resp: 41195
Ion Ratio Lower Upper
152 100
115 62.9 28.2 84.7
150 157.0 0.0 347.6

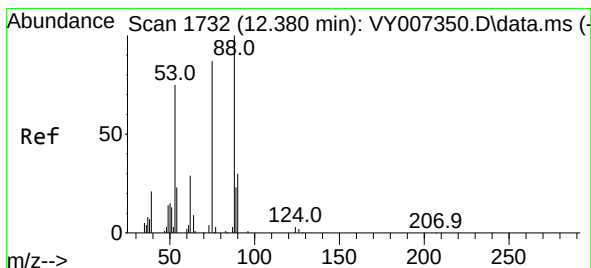
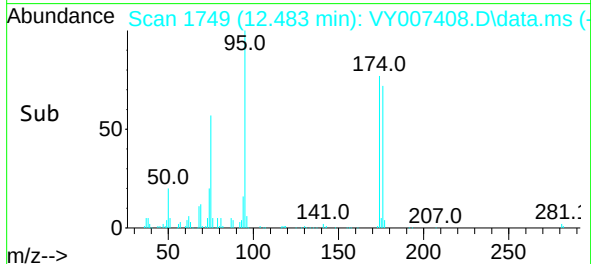
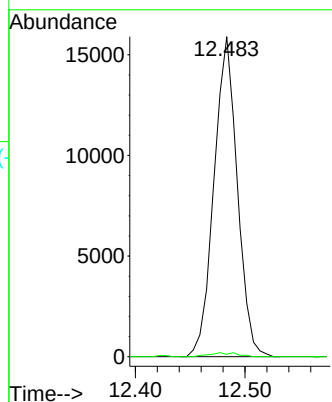
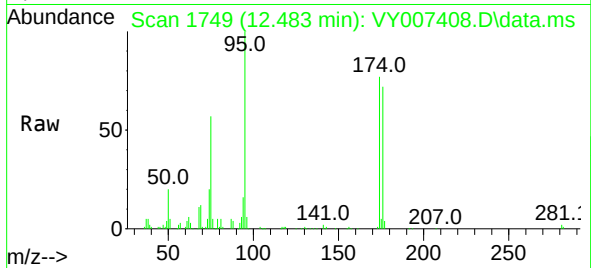




#76
1,2,3-Trichloropropane
Concen: 47.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124042RE

Tgt Ion: 75 Resp: 23500
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007408.D
Acq: 07 Feb 2022 13:20

Tgt Ion: 75 Resp: 23500
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

