

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY0809841.D
 Acq On : 04 Aug 2022 18:42
 Operator : KP/MD
 Sample : N3998-03
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Aug 05 01:45:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

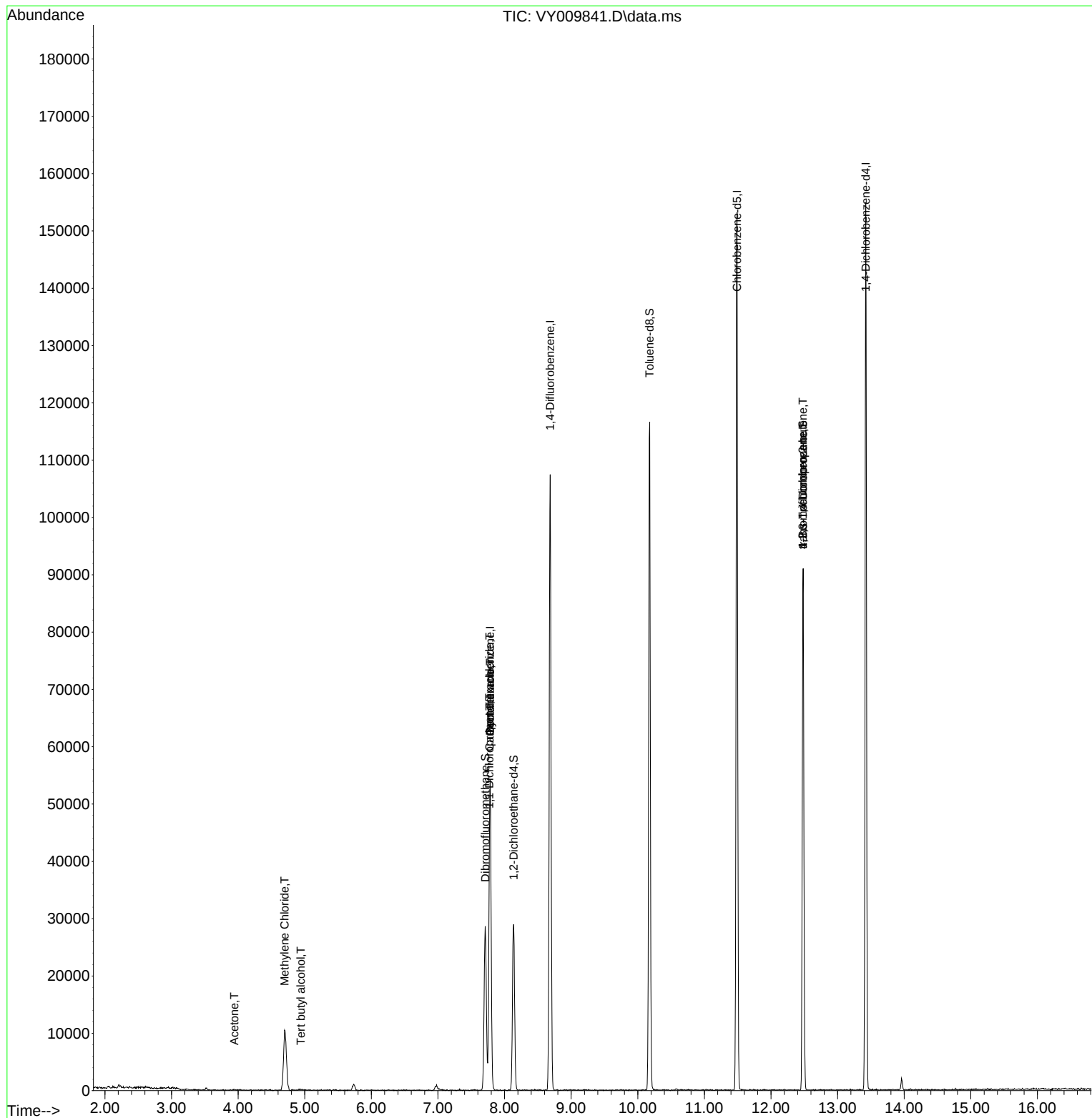
Internal Standards						
1) Pentafluorobenzene	7.783	168	41332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21880	66.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.710	113	19808	36.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.840%	
50) Toluene-d8	10.179	98	74384	46.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 93.560%	
62) 4-Bromofluorobenzene	12.477	95	22559	31.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 62.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	46	Below Cal	#	2
11) Tert butyl alcohol	4.942	59	408	9.297	ug/l #	78
16) Acetone	3.942	43	158	1.350	ug/l #	45
20) Methylene Chloride	4.698	84	7390	6.841	ug/l	95
31) Cyclohexane	7.783	56	945	1.208	ug/l #	12
36) 1,1-Dichloropropene	7.771	75	3251	3.652	ug/l #	51
38) Carbon Tetrachloride	7.777	117	4221	4.509	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	11843	27.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11843	59.693	ug/l #	12

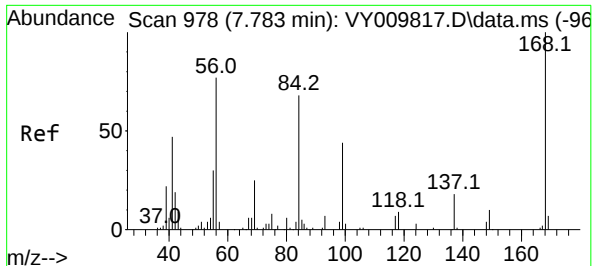
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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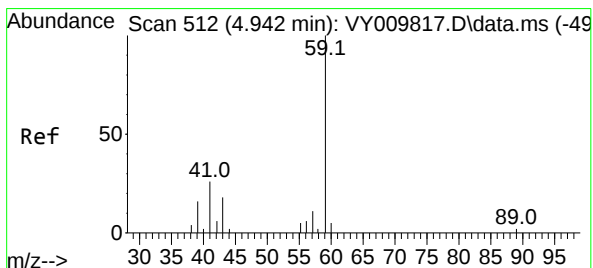
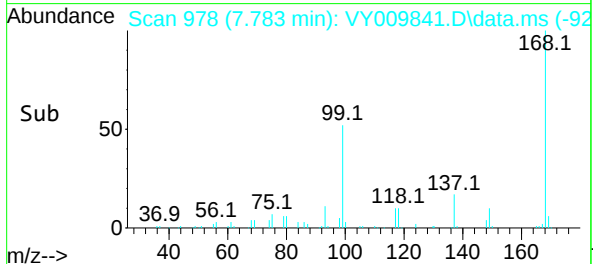
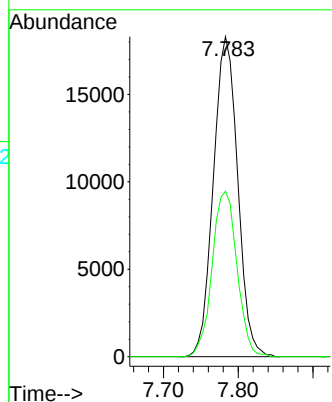
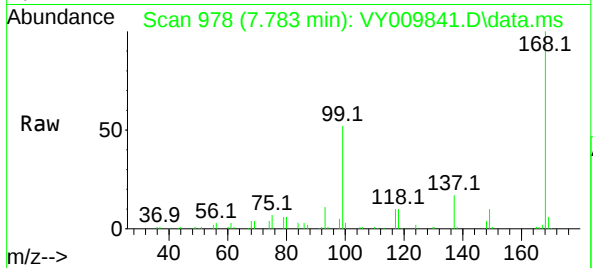




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

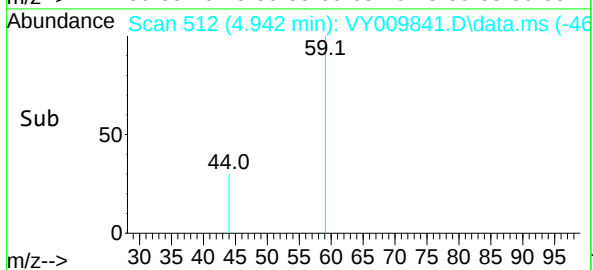
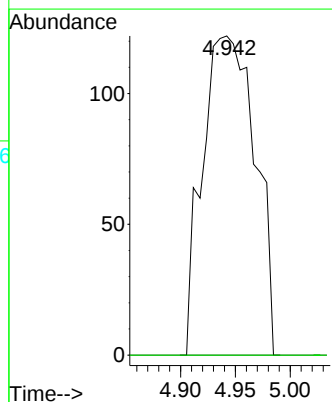
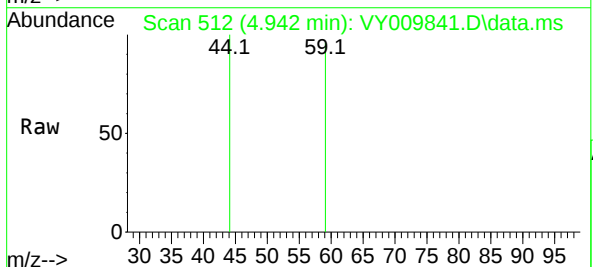
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

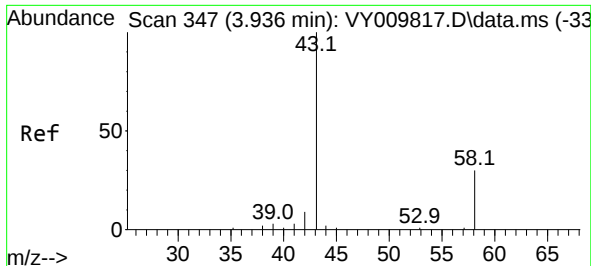
Tgt Ion:168 Resp: 41332
Ion Ratio Lower Upper
168 100
99 51.7 44.7 67.1



#11
Tert butyl alcohol
Concen: 9.297 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#





#16

Acetone

Concen: 1.350 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

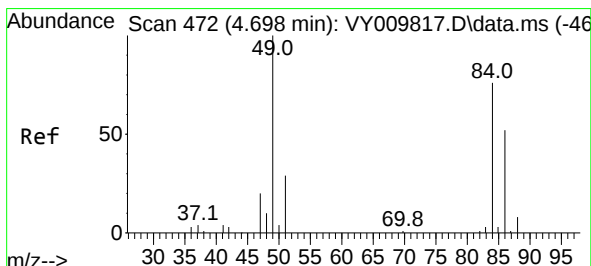
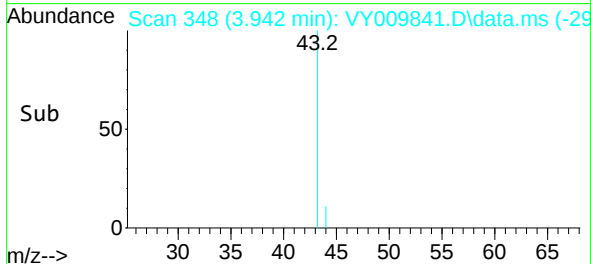
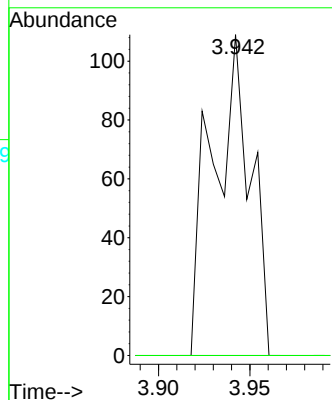
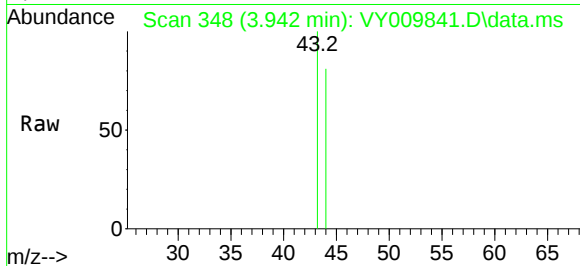
SB-3

Tgt Ion: 43 Resp: 158

Ion Ratio Lower Upper

43 100

58 0.0 24.1 36.1#



#20

Methylene Chloride

Concen: 6.841 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

Tgt Ion: 84 Resp: 7390

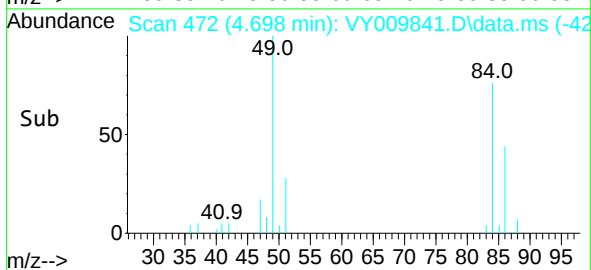
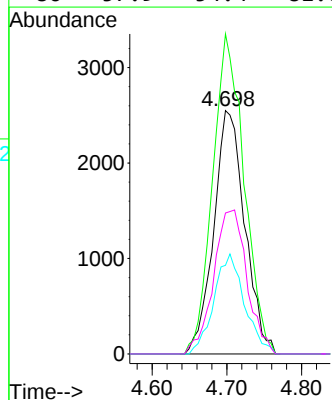
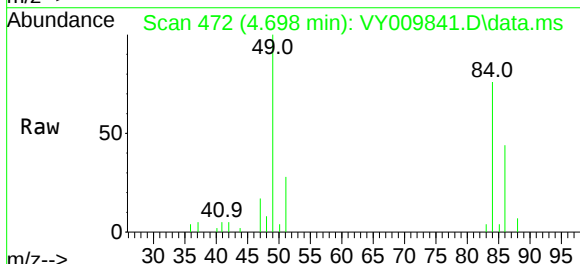
Ion Ratio Lower Upper

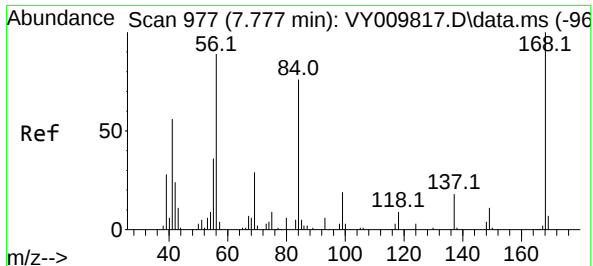
84 100

49 131.5 104.6 156.8

51 36.4 30.9 46.3

86 57.9 54.4 81.6





#31

Cyclohexane

Concen: 1.208 ug/l

RT: 7.783 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

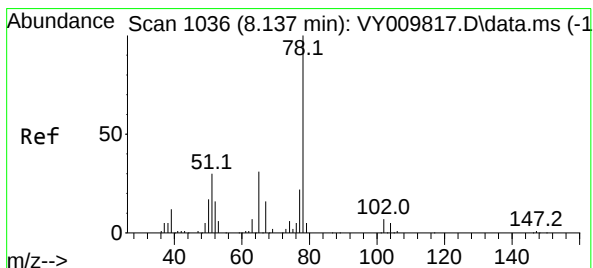
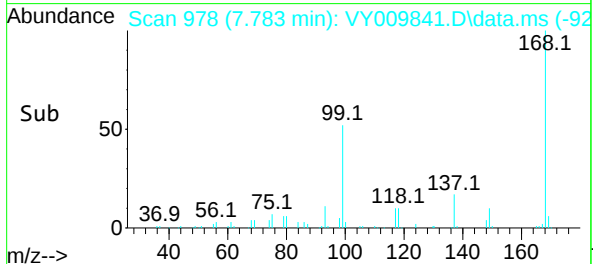
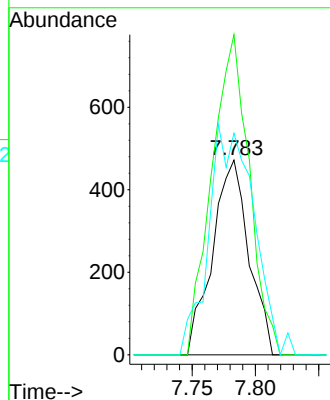
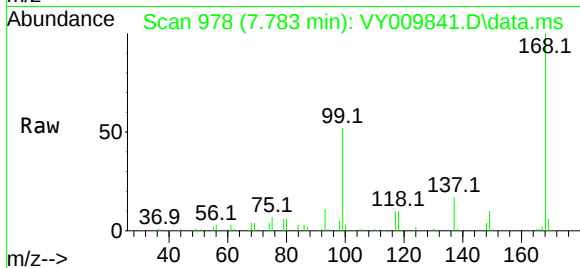
Tgt Ion: 56 Resp: 945

Ion Ratio Lower Upper

56 100

69 164.4 25.8 38.8#

84 113.8 67.9 101.9#



#33

1,2-Dichloroethane-d4

Concen: 66.385 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009841.D

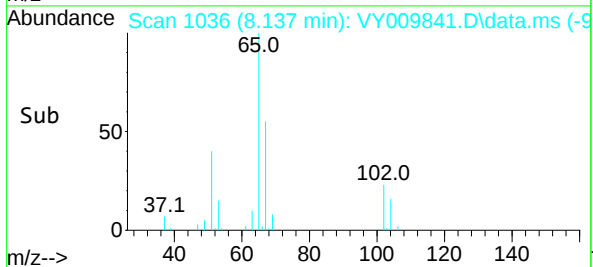
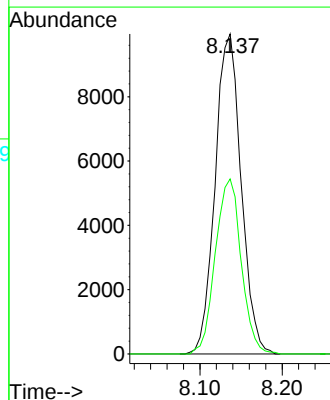
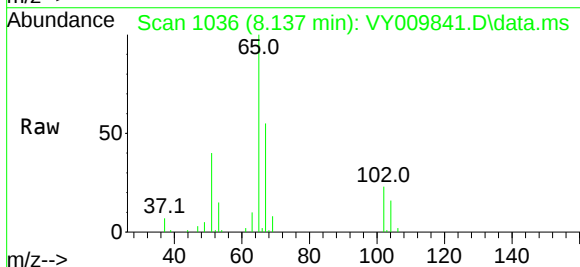
Acq: 04 Aug 2022 18:42

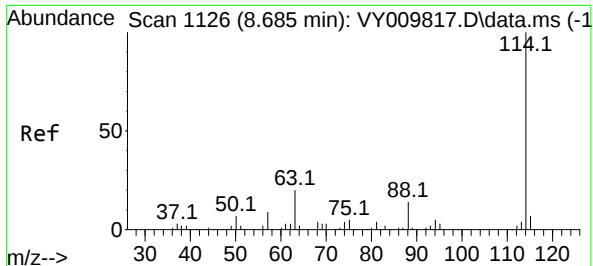
Tgt Ion: 65 Resp: 21880

Ion Ratio Lower Upper

65 100

67 54.5 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

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ClientSampleId :

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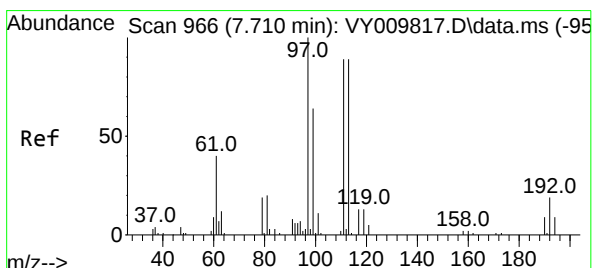
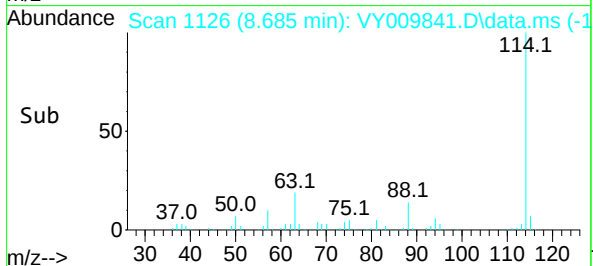
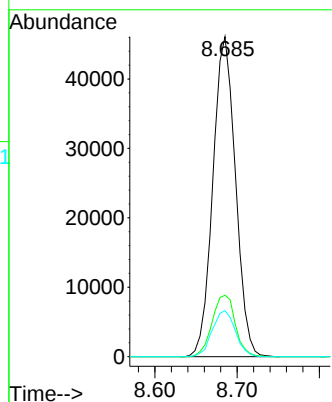
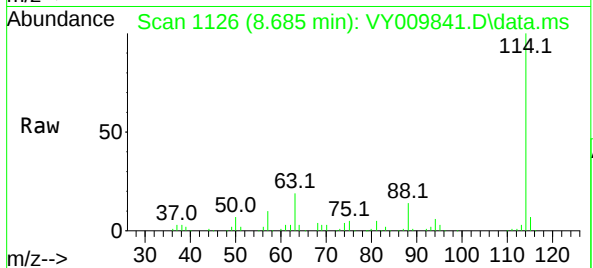
Tgt Ion:114 Resp: 87996

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 36.919 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

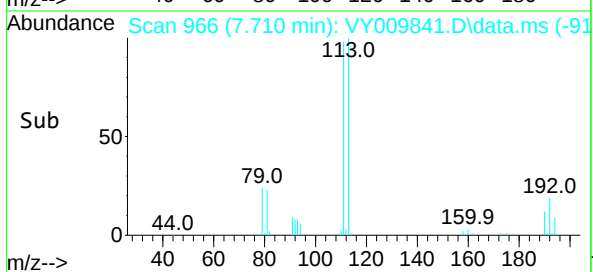
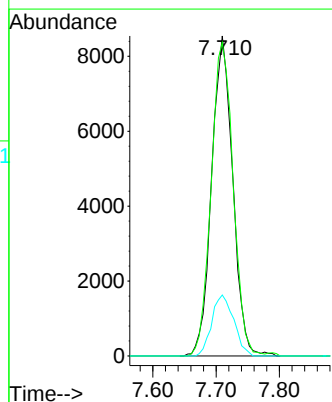
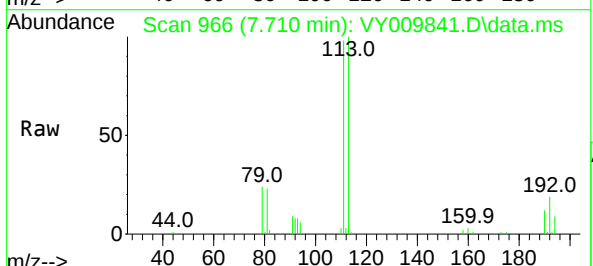
Tgt Ion:113 Resp: 19808

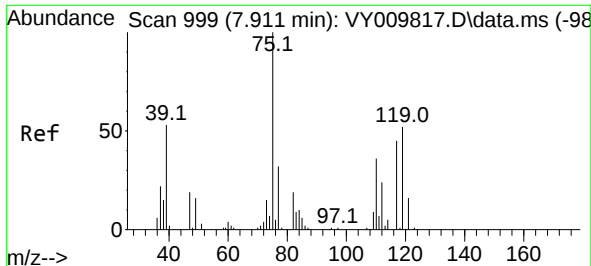
Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

192 19.9 16.5 24.7

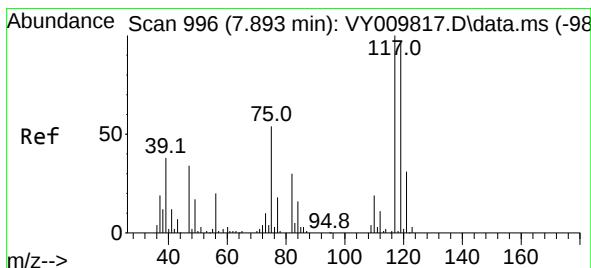
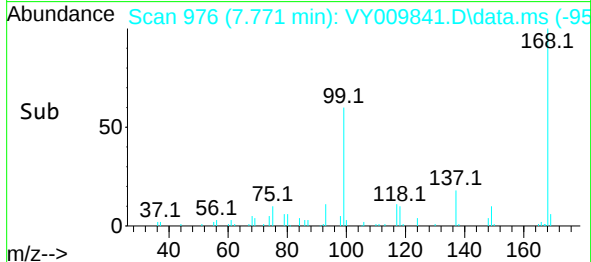
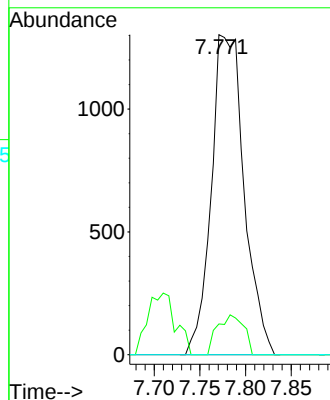
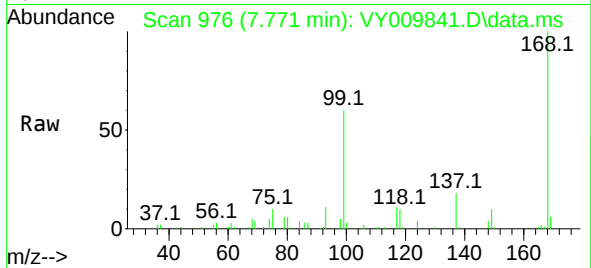




#36
1,1-Dichloropropene
Concen: 3.652 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

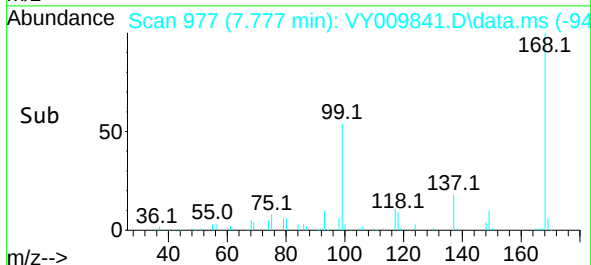
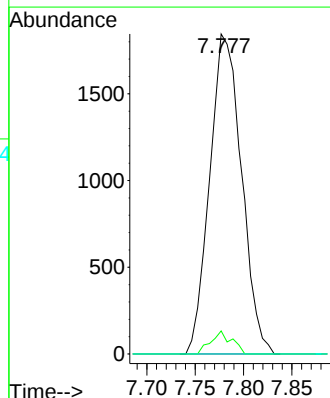
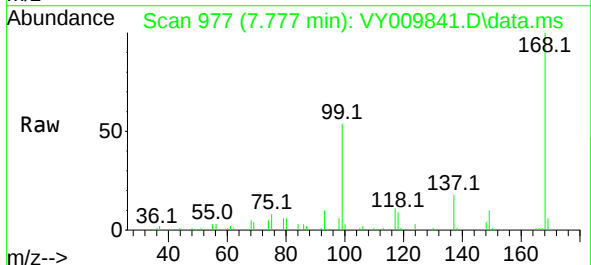
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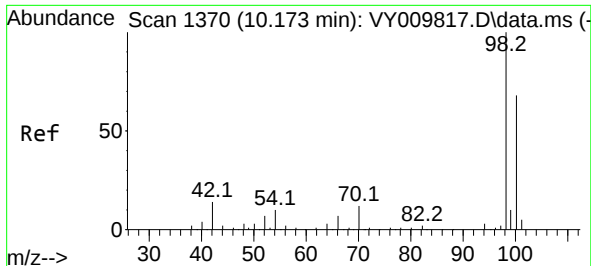
Tgt Ion: 75 Resp: 3251
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.509 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 117 Resp: 4221
Ion Ratio Lower Upper
117 100
119 7.2 76.8 115.2#
121 0.0 24.9 37.3#

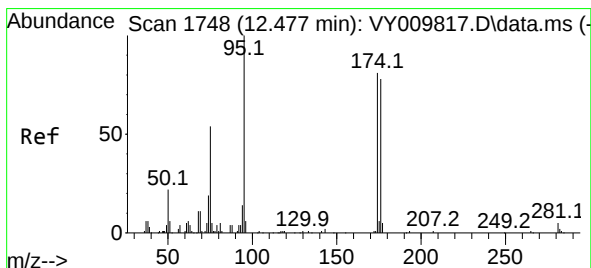
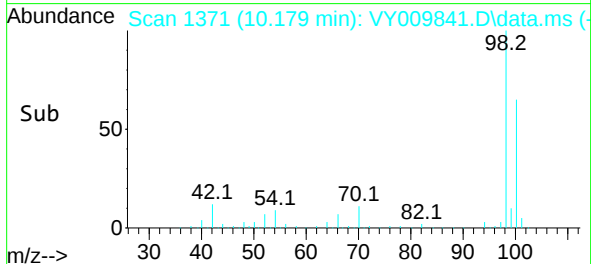
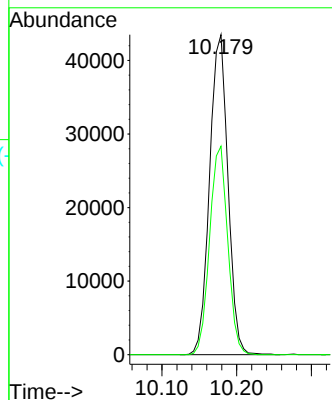
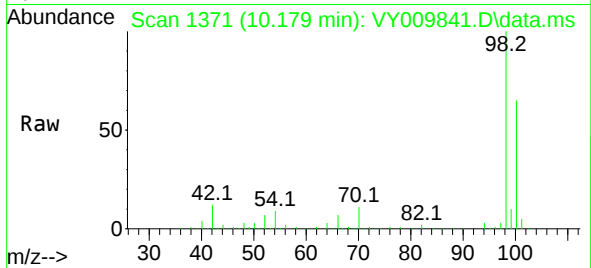




#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

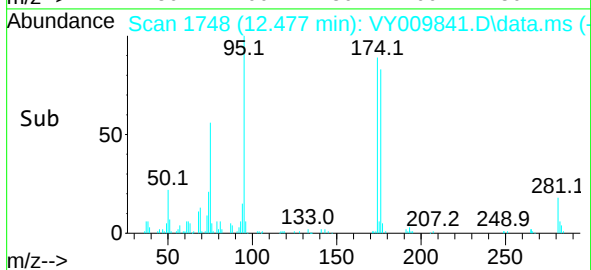
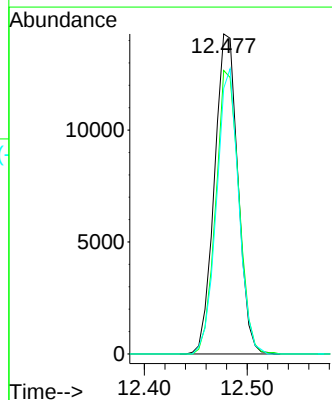
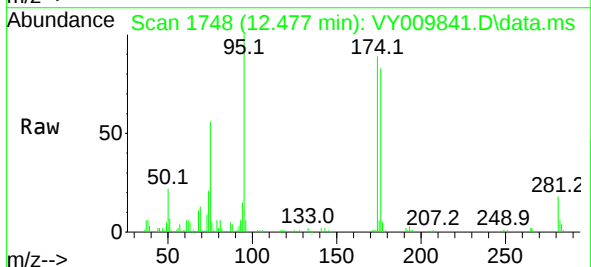
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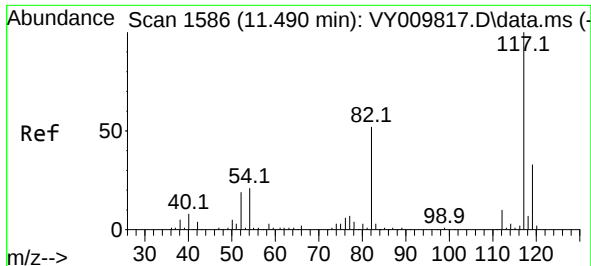
Tgt Ion: 98 Resp: 74384
Ion Ratio Lower Upper
98 100
100 64.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 31.051 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 95 Resp: 22559
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.6
176 84.2 0.0 163.6

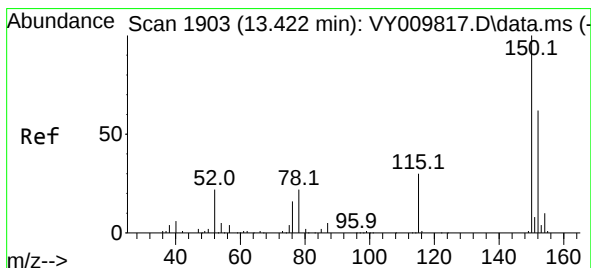
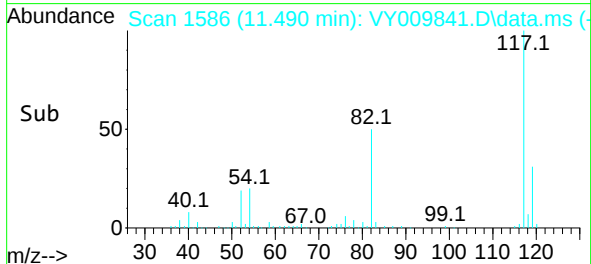
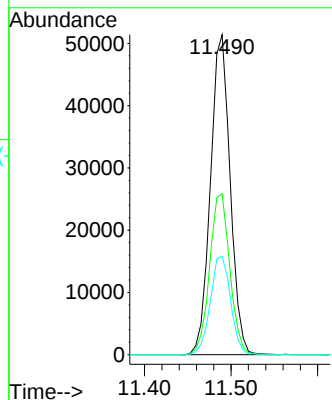
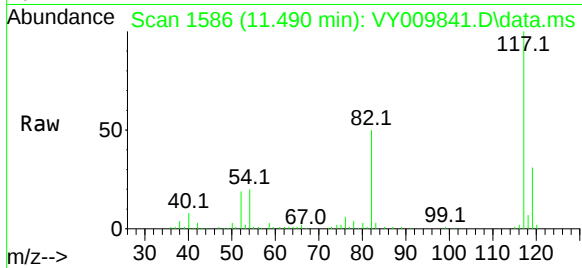




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

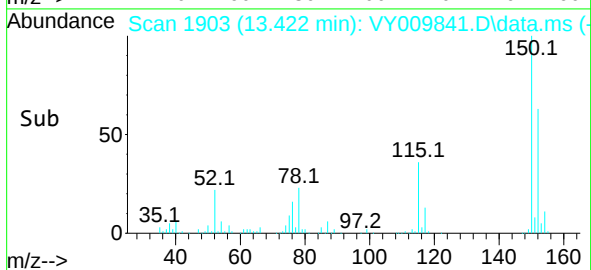
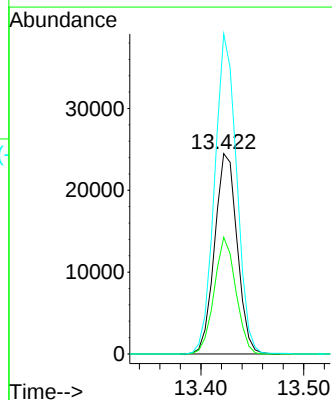
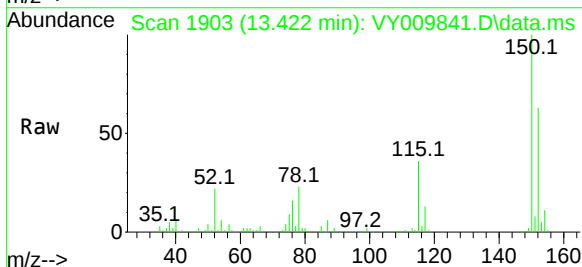
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

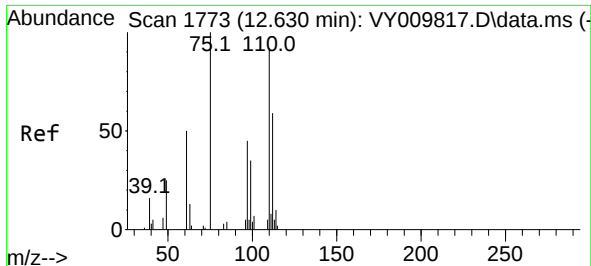
Tgt Ion:117 Resp: 81107
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 30.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion:152 Resp: 37223
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 156.3 0.0 354.2

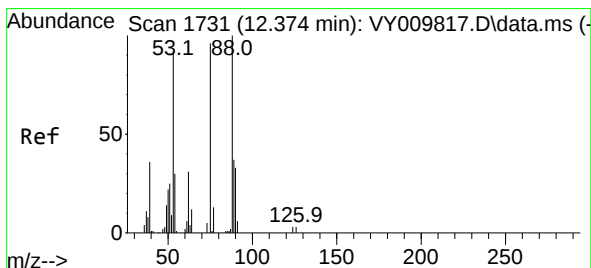
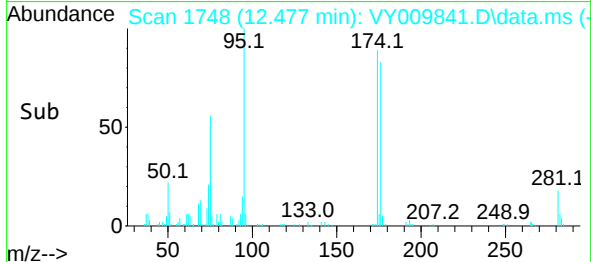
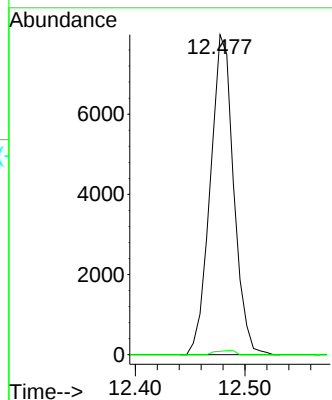
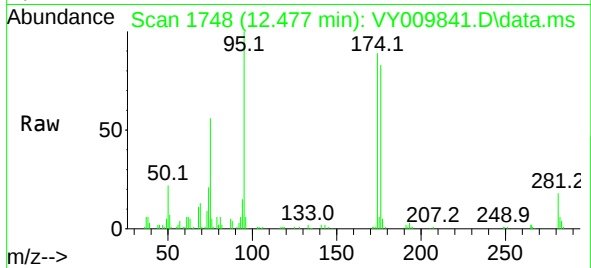




#76
1,2,3-Trichloropropane
Concen: 27.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tgt Ion: 75 Resp: 11843
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.693 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 75 Resp: 11843
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 35.3 52.9#

