

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008926.D
 Acq On : 21 May 2022 00:52
 Operator : KP/MD
 Sample : N2911-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PASSAIC-AVE-SP

Quant Time: May 21 02:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

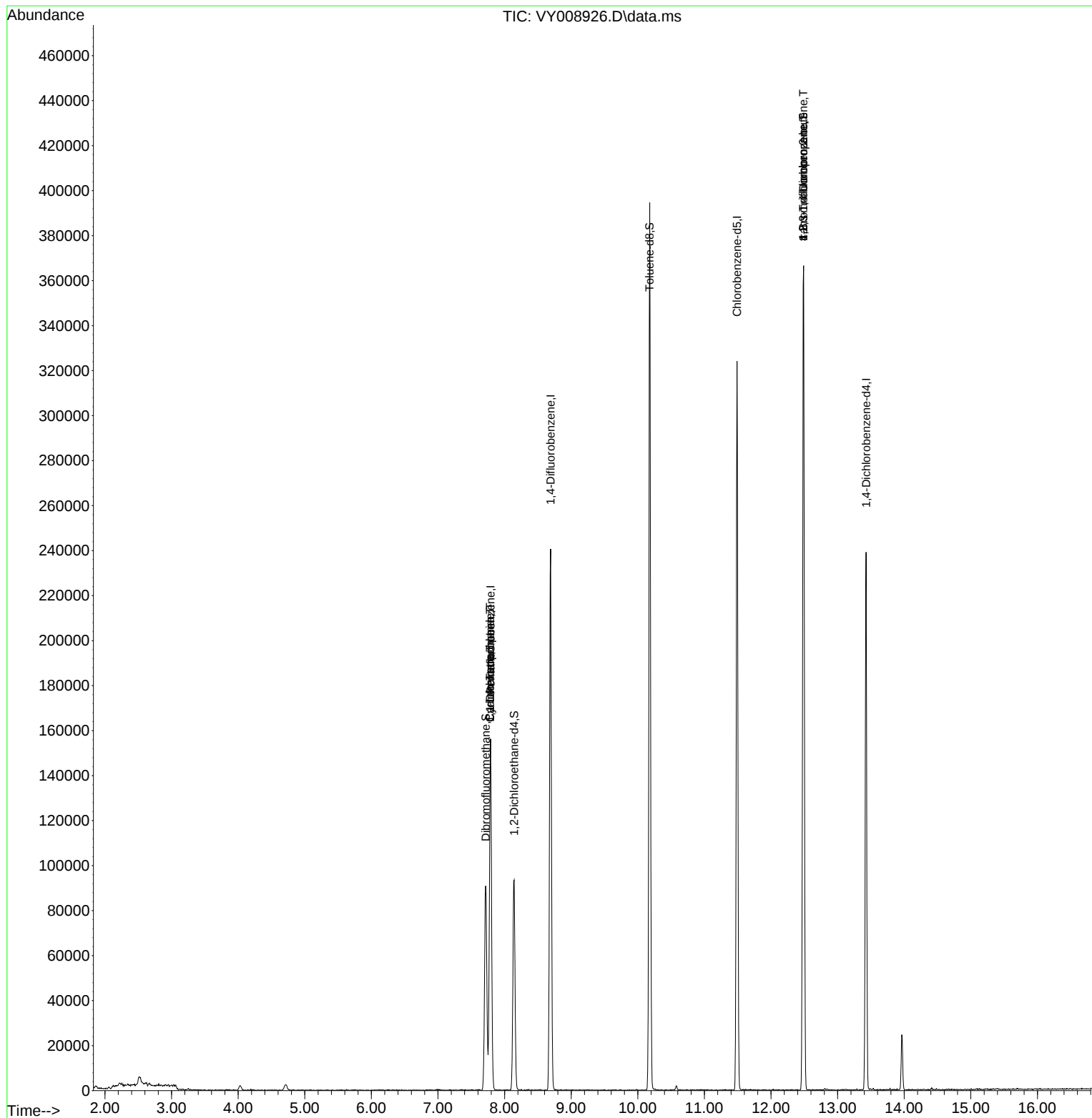
Internal Standards						
1) Pentafluorobenzene	7.789	168	117451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69934	57.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.700%
35) Dibromofluoromethane	7.716	113	63571	50.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.179	98	247904	53.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.483	95	61658	33.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.000%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	1921	Below Cal	#	76
31) Cyclohexane	7.783	56	2730	1.154	ug/l #	39
36) 1,1-Dichloropropene	7.783	75	9522	4.457	ug/l #	51
38) Carbon Tetrachloride	7.783	117	12186	5.452	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	36200	57.663	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36200	118.353	ug/l #	8

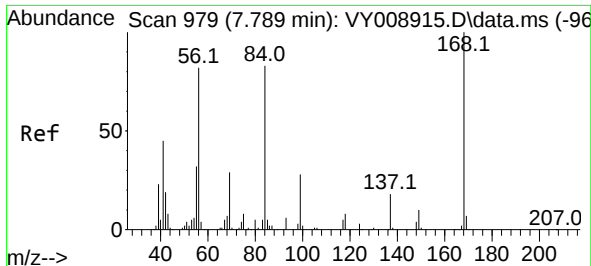
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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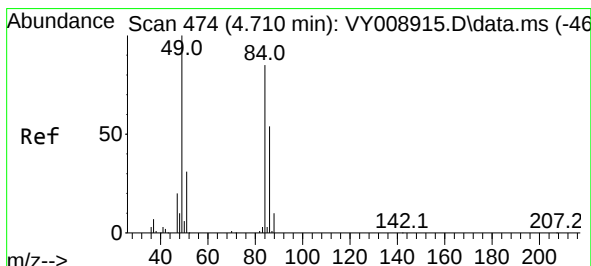
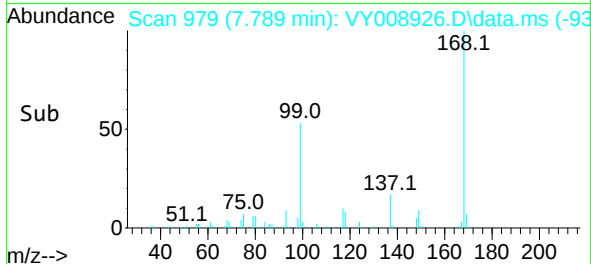
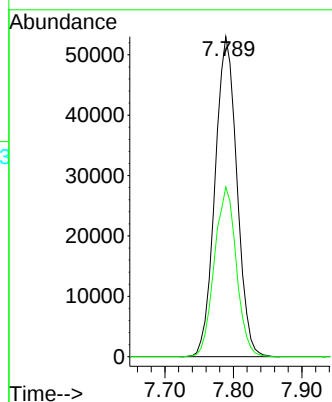
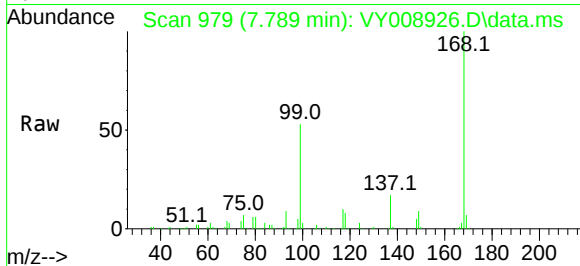




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

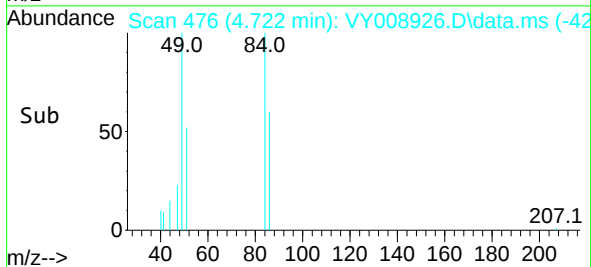
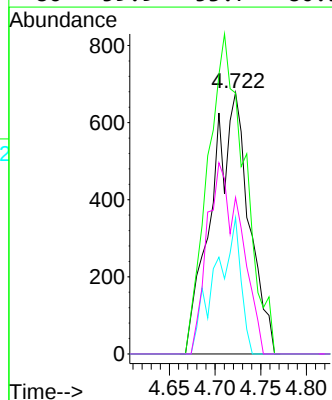
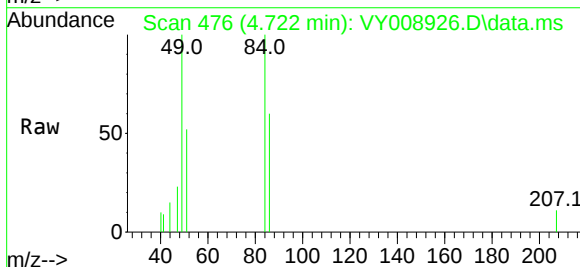
Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SP

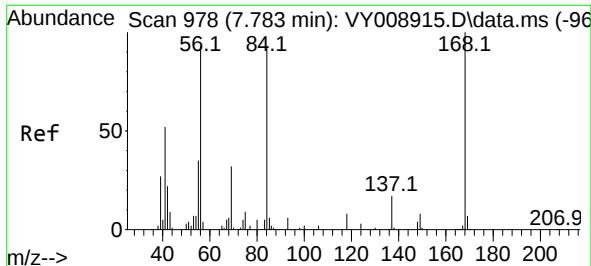
Tgt Ion:168 Resp: 117451
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

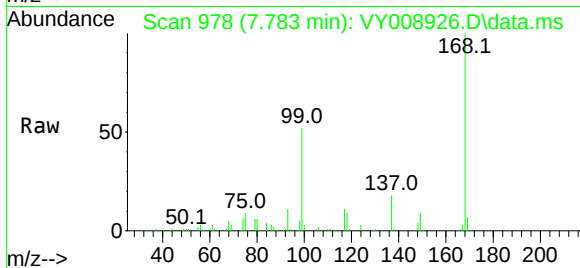
Tgt Ion: 84 Resp: 1921
Ion Ratio Lower Upper
84 100
49 99.9 114.4 171.6#
51 52.1 35.3 52.9
86 59.9 53.7 80.5



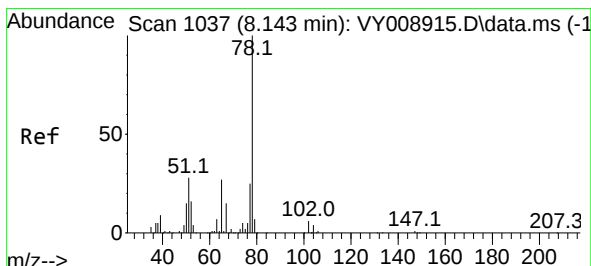
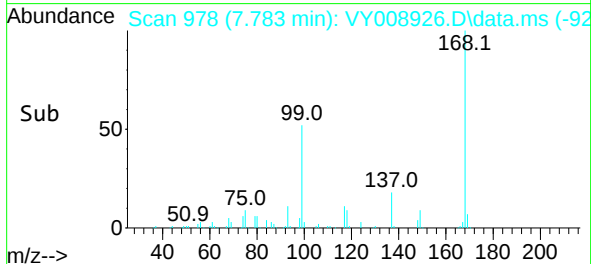
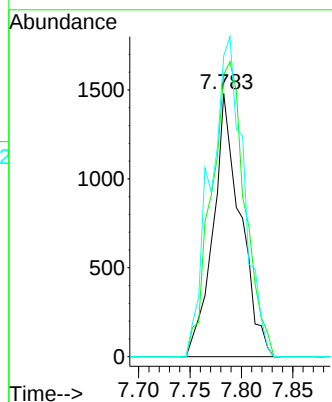


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Instrument :
MSVOA_Y
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PASSAIC-AVE-SP

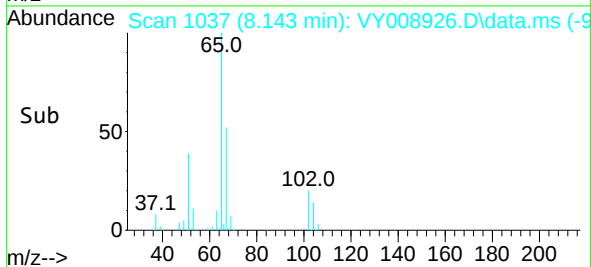
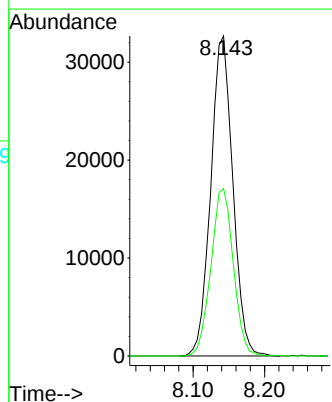
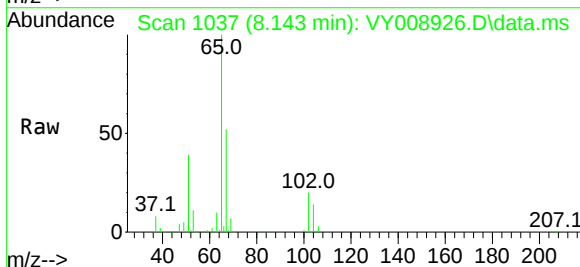


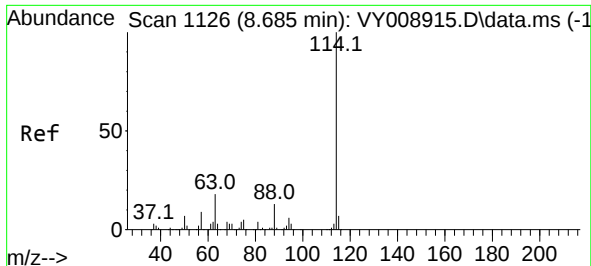
Tgt Ion: 56 Resp: 2730
Ion Ratio Lower Upper
56 100
69 107.2 26.7 40.1#
84 114.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.855 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Tgt Ion: 65 Resp: 69934
Ion Ratio Lower Upper
65 100
67 53.1 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: VY008926.D

Acq: 21 May 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

PASSAIC-AVE-SP

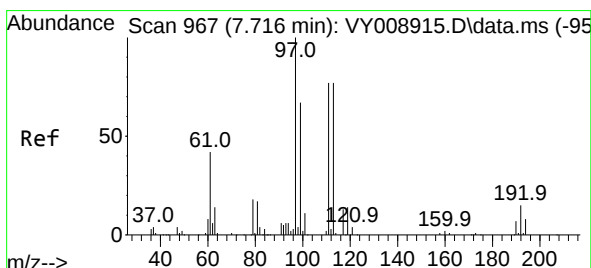
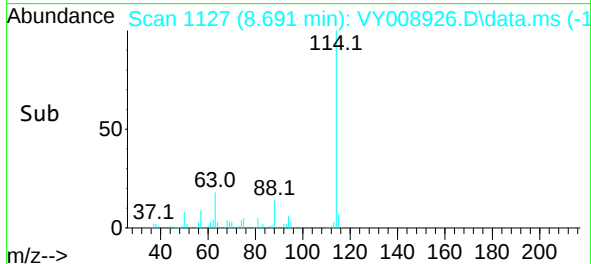
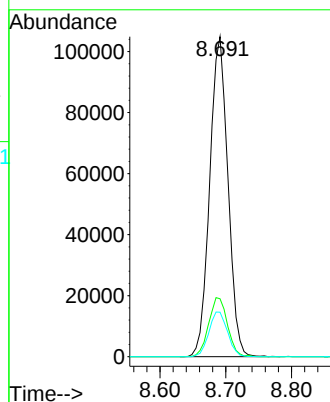
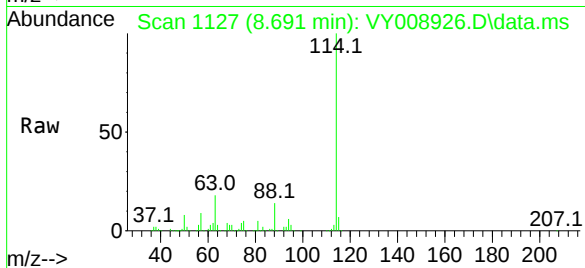
Tgt Ion:114 Resp: 201902

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008926.D

Acq: 21 May 2022 00:52

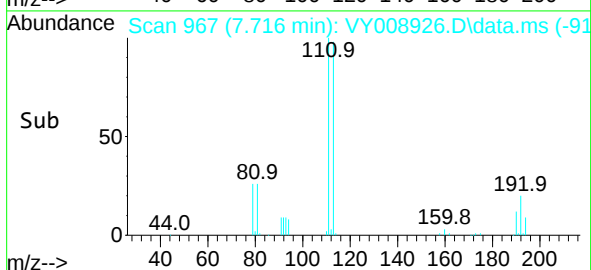
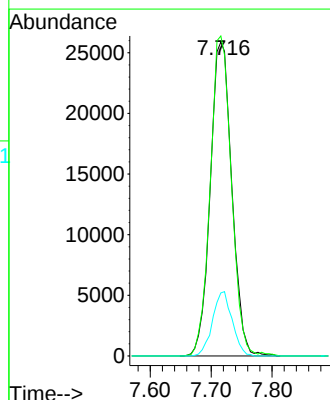
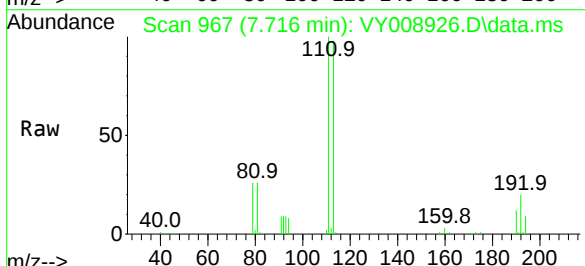
Tgt Ion:113 Resp: 63571

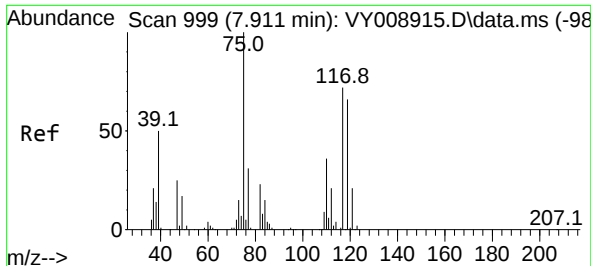
Ion Ratio Lower Upper

113 100

111 99.8 82.6 124.0

192 18.7 17.6 26.4

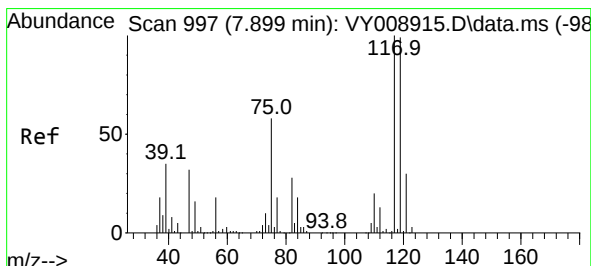
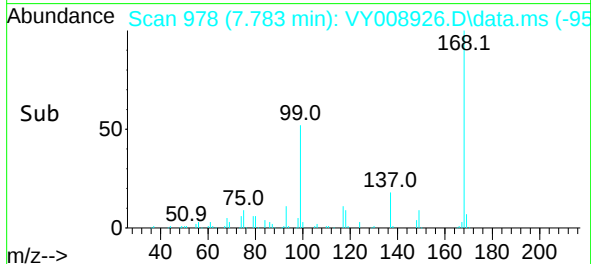
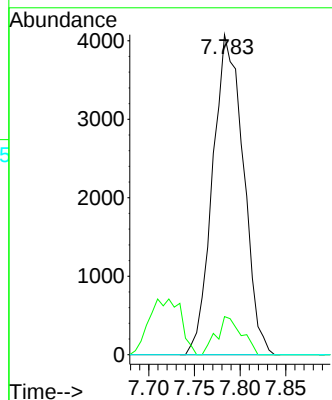
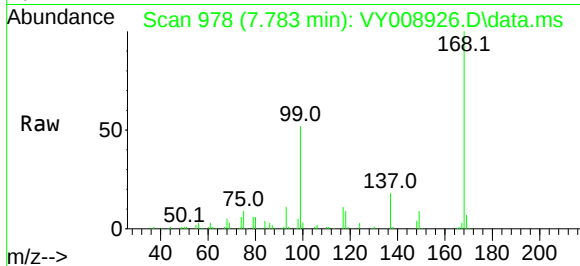




#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

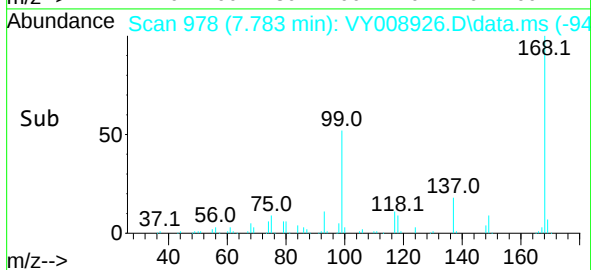
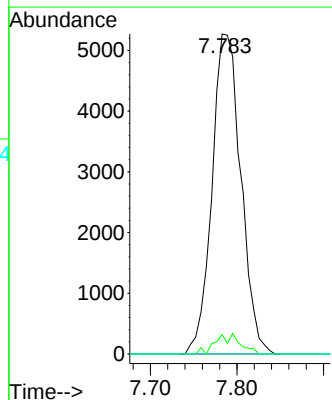
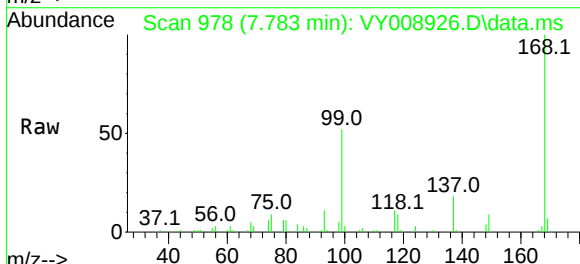
Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SP

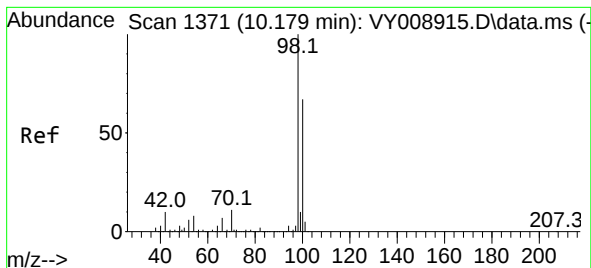
Tgt Ion: 75 Resp: 9522
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.452 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Tgt Ion: 117 Resp: 12186
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#

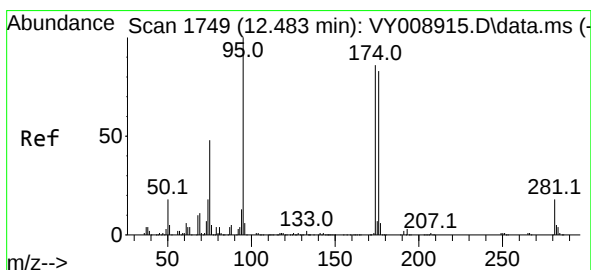
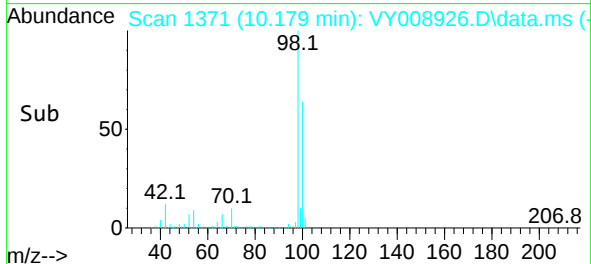
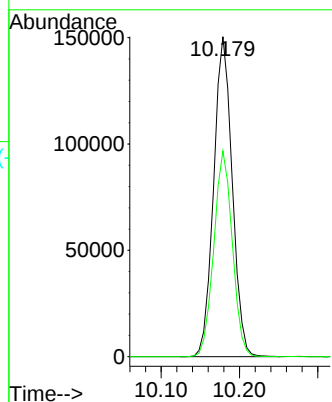
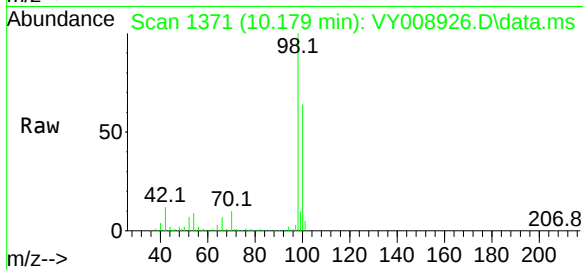




#50
Toluene-d8
Concen: 53.523 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

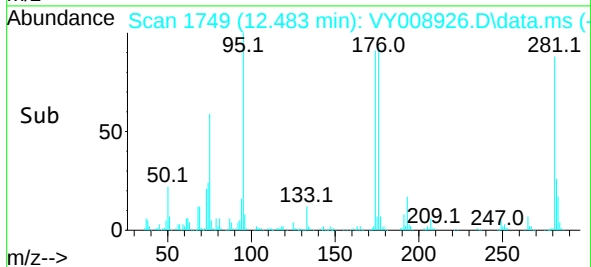
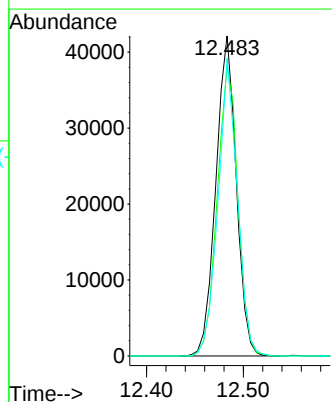
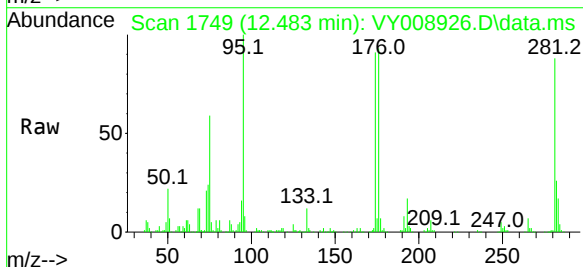
Instrument :
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ClientSampleId :
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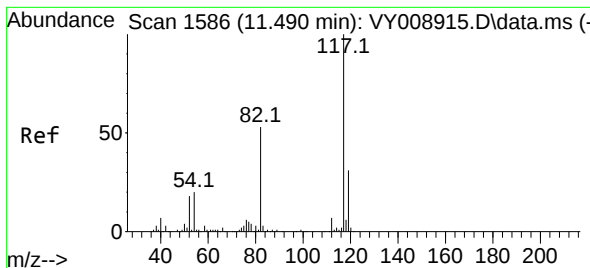
Tgt Ion: 98 Resp: 247904
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Tgt Ion: 95 Resp: 61658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 88.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008926.D

Acq: 21 May 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

PASSAIC-AVE-SP

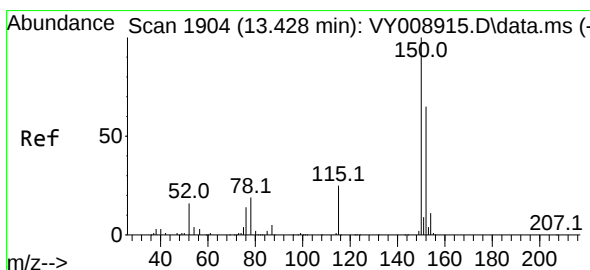
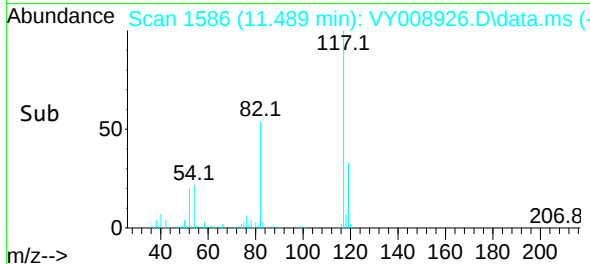
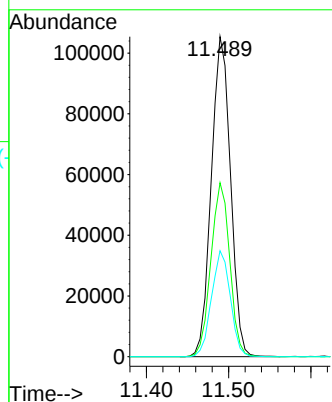
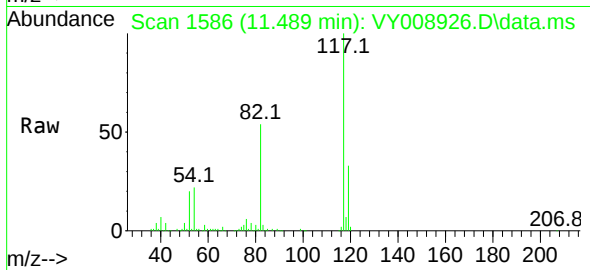
Tgt Ion:117 Resp: 171153

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008926.D

Acq: 21 May 2022 00:52

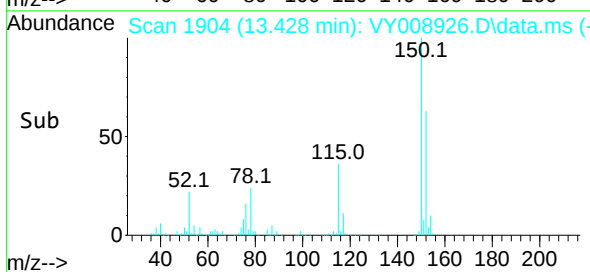
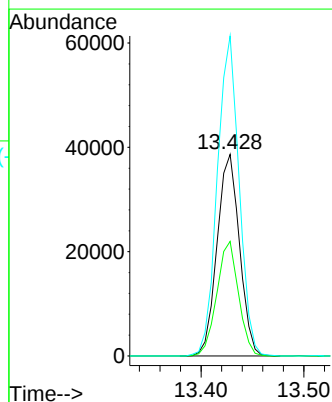
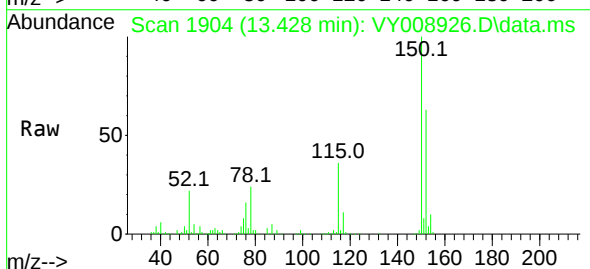
Tgt Ion:152 Resp: 58460

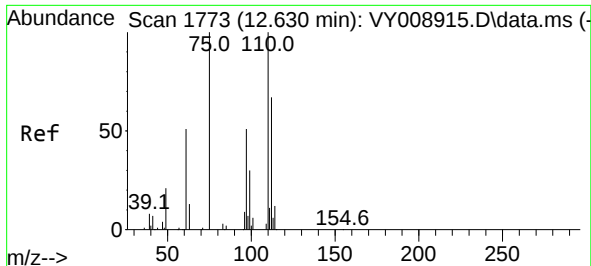
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 154.0 0.0 347.6

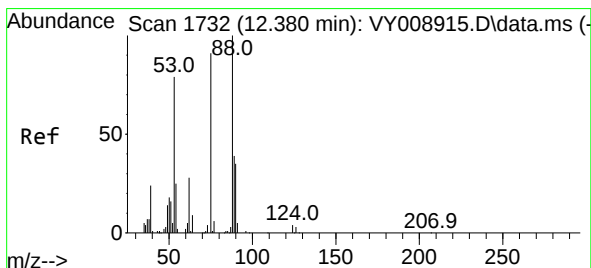
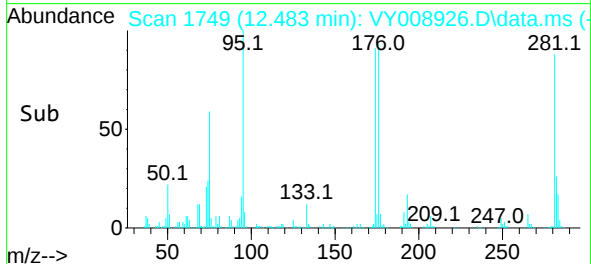
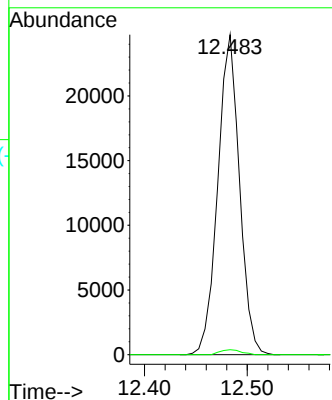
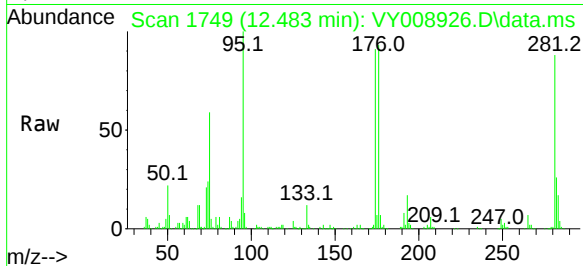




#76
1,2,3-Trichloropropane
Concen: 57.663 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SP

Tgt Ion: 75 Resp: 36200
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.353 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Tgt Ion: 75 Resp: 36200
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 1.7 37.0 55.4#

