

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008691.D
 Acq On : 10 May 2022 19:41
 Operator : KP/MD
 Sample : N2762-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB16

Quant Time: May 11 04:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

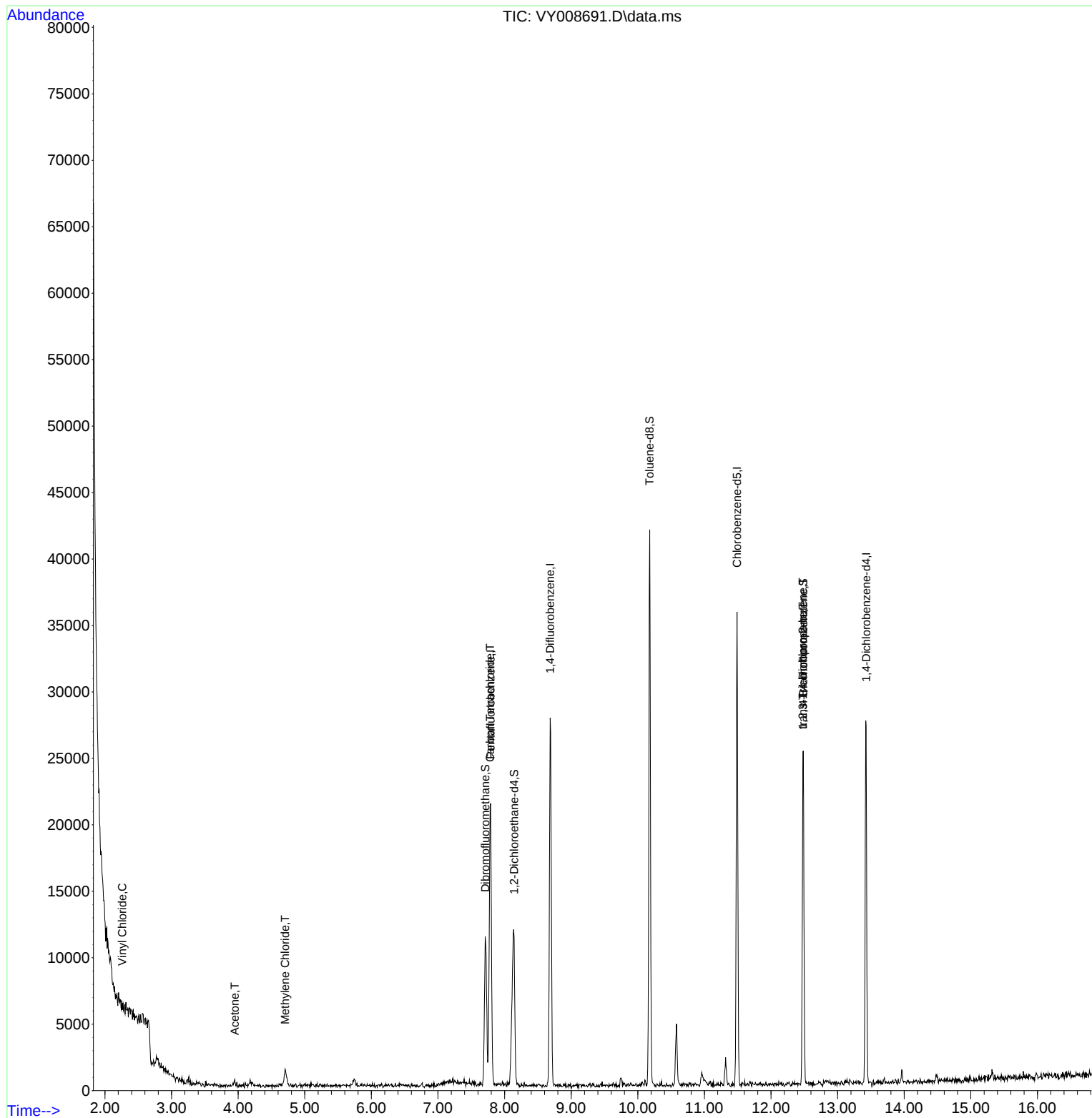
Internal Standards						
1) Pentafluorobenzene	7.789	168	18716	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	25950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7188	44.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.710	113	7883	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.179	98	28149	49.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.483	95	7260	35.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.620%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.259	62	247	1.615	ug/l #	43
16) Acetone	3.948	43	668	17.656	ug/l #	88
20) Methylene Chloride	4.704	84	1045	4.548	ug/l #	62
38) Carbon Tetrachloride	7.783	117	1628	6.265	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	3659	41.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3659	82.287	ug/l #	7

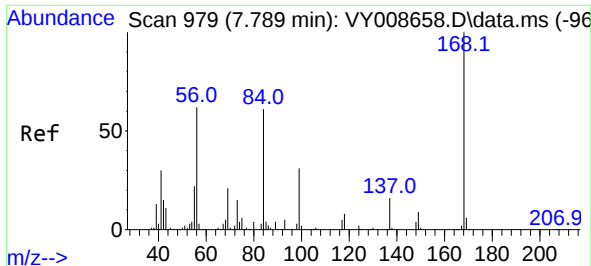
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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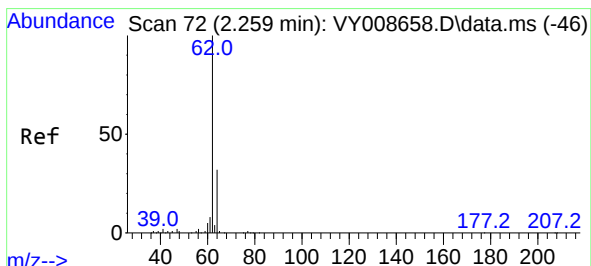
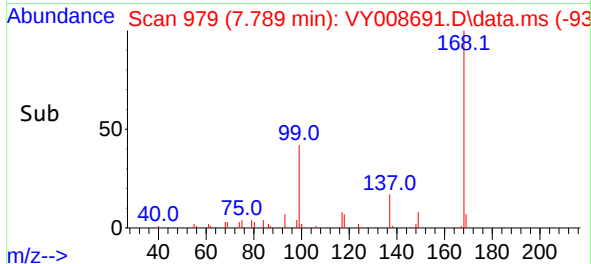
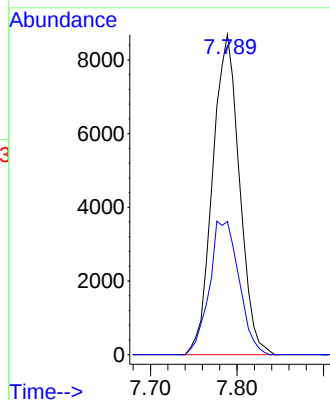
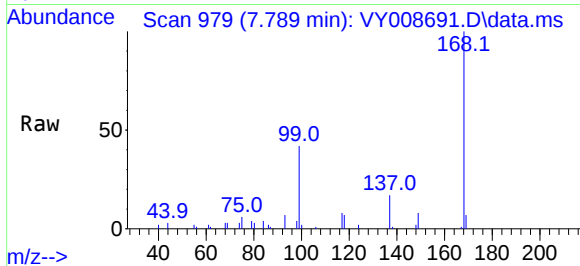




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

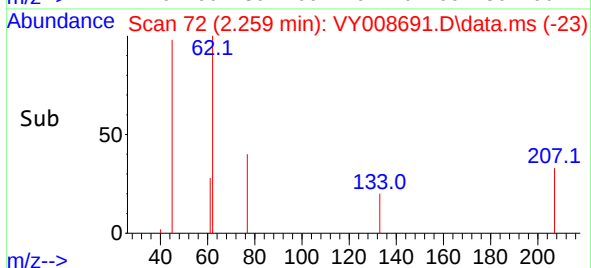
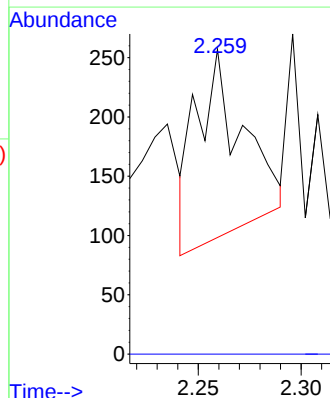
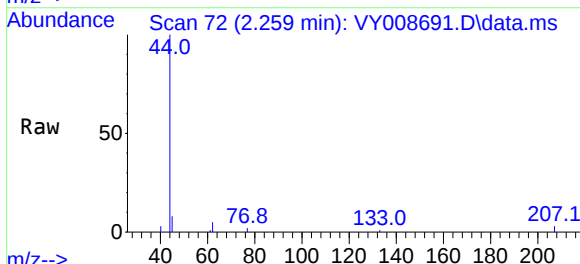
Instrument :
MSVOA_Y
ClientSampleId :
SB16

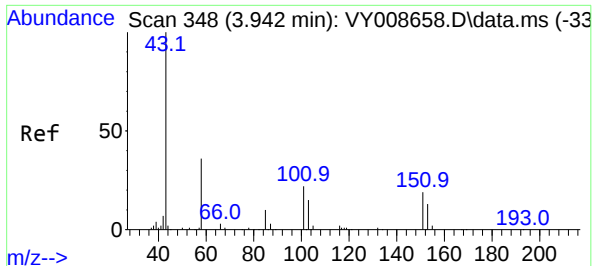
Tgt Ion:168 Resp: 18716
Ion Ratio Lower Upper
168 100
99 41.6 46.9 70.3#



#4
Vinyl Chloride
Concen: 1.615 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 62 Resp: 247
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

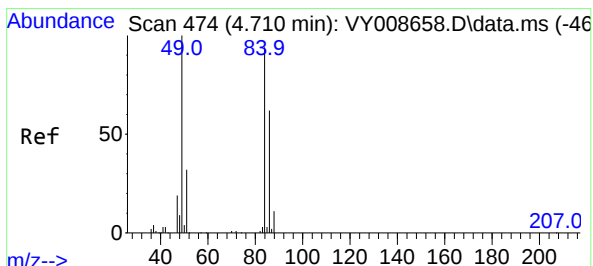
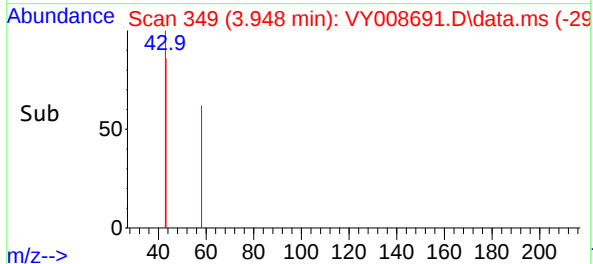
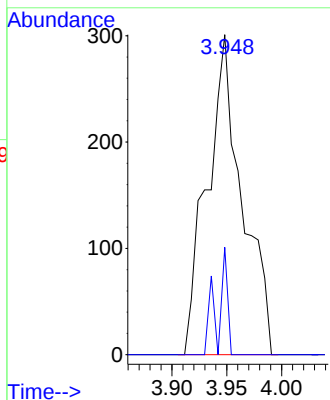
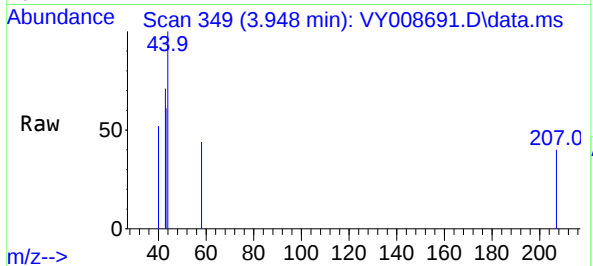




#16
Acetone
Concen: 17.656 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

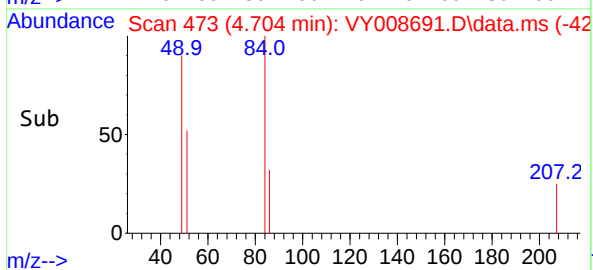
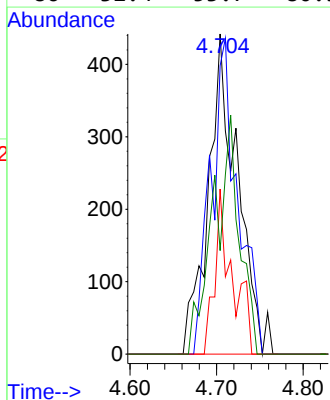
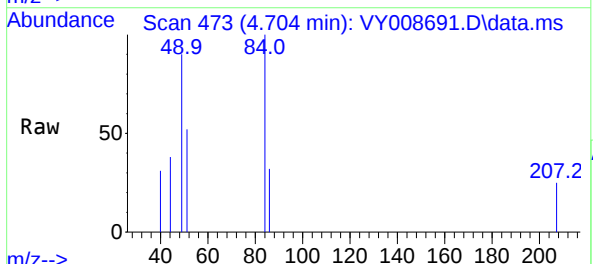
Instrument :
MSVOA_Y
ClientSampleId :
SB16

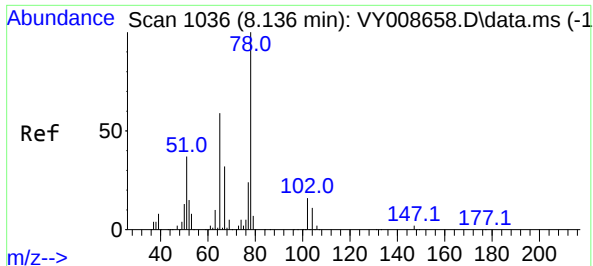
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#



#20
Methylene Chloride
Concen: 4.548 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 84 Resp: 1045
Ion Ratio Lower Upper
84 100
49 90.0 114.4 171.6#
51 51.6 35.3 52.9
86 32.4 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 44.822 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008691.D

Acq: 10 May 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

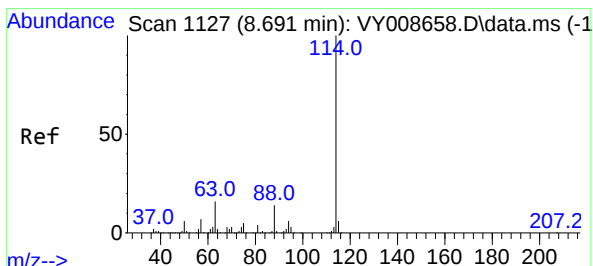
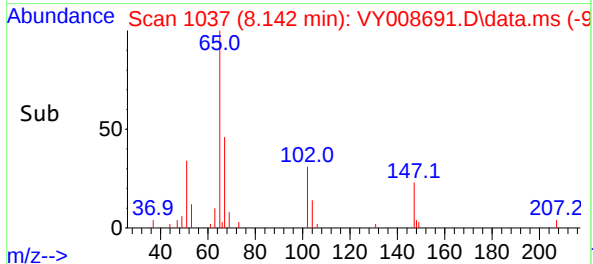
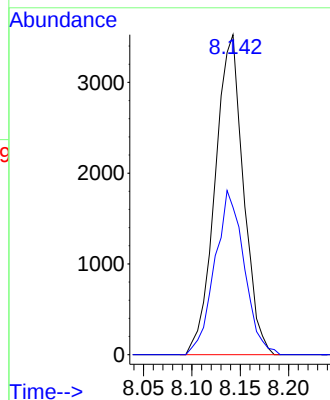
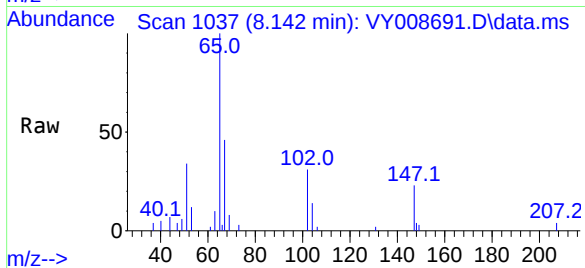
SB16

Tgt Ion: 65 Resp: 7188

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008691.D

Acq: 10 May 2022 19:41

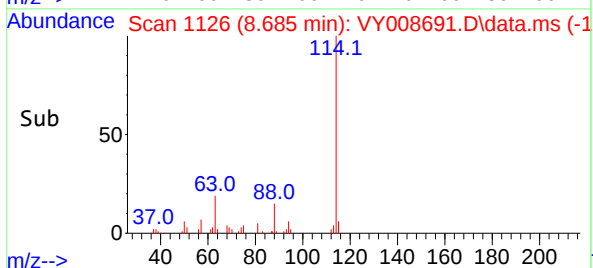
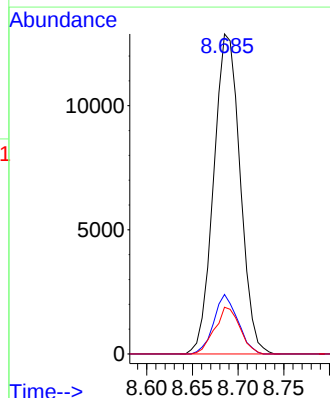
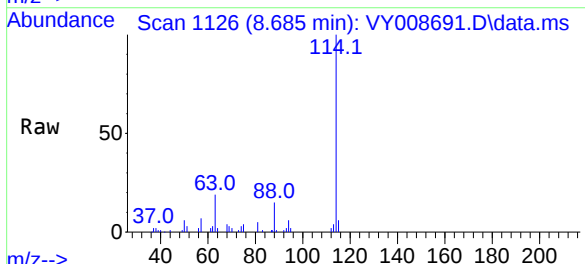
Tgt Ion: 114 Resp: 25950

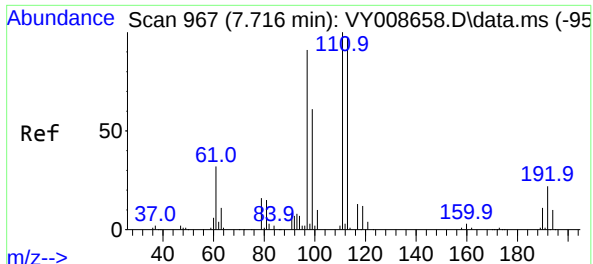
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.6 0.0 31.8

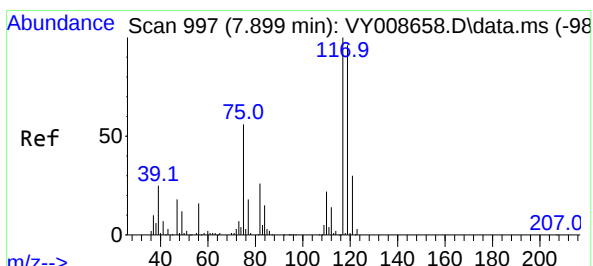
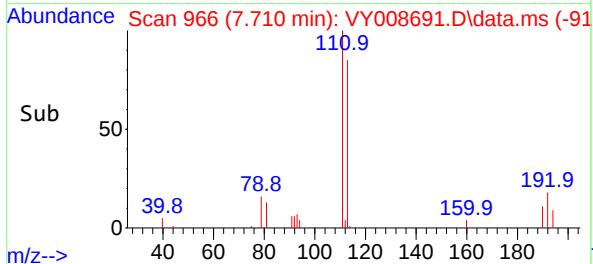
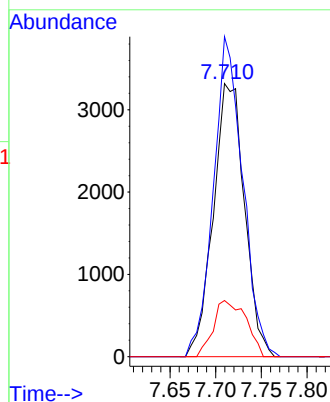
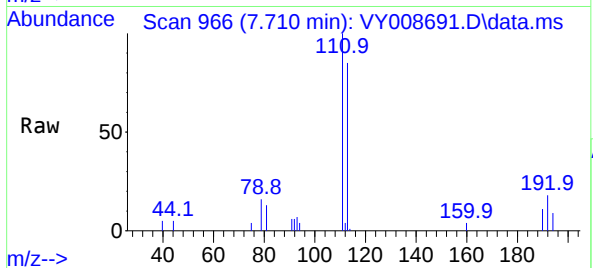




#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

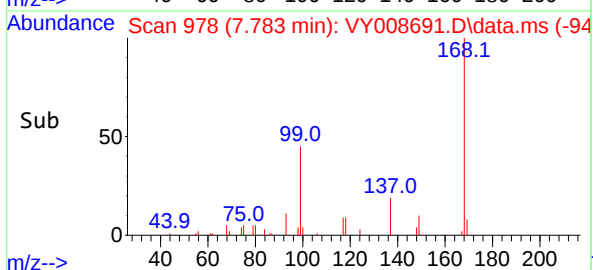
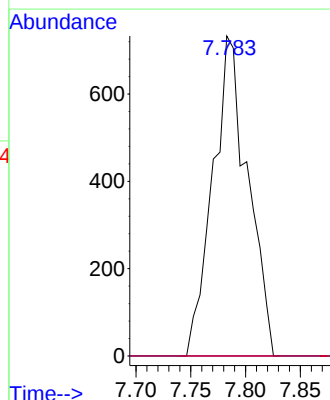
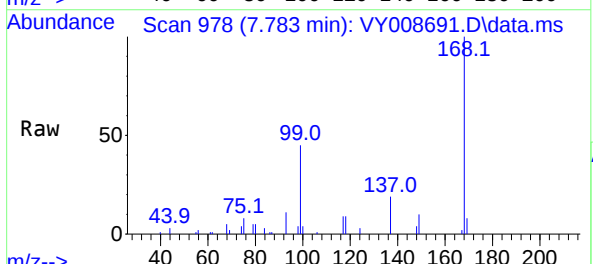
Instrument :
MSVOA_Y
ClientSampleId :
SB16

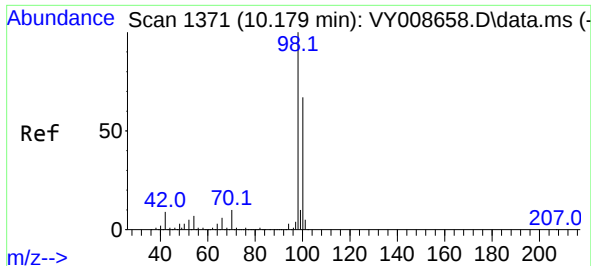
Tgt Ion:113 Resp: 7883
Ion Ratio Lower Upper
113 100
111 109.7 82.6 124.0
192 21.5 17.6 26.4



#38
Carbon Tetrachloride
Concen: 6.265 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion:117 Resp: 1628
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

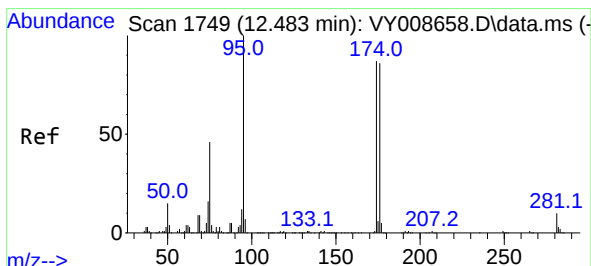
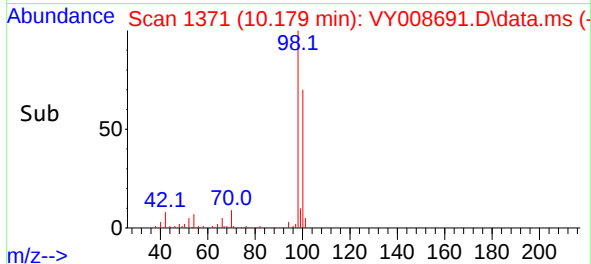
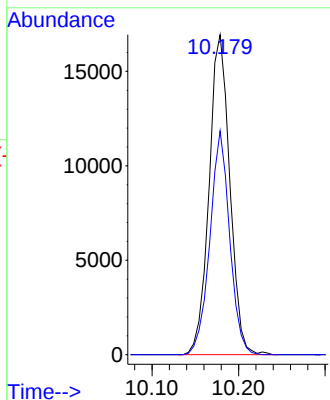
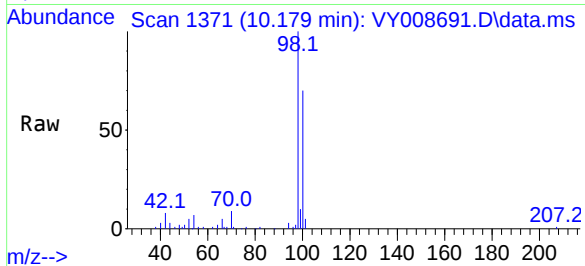




#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

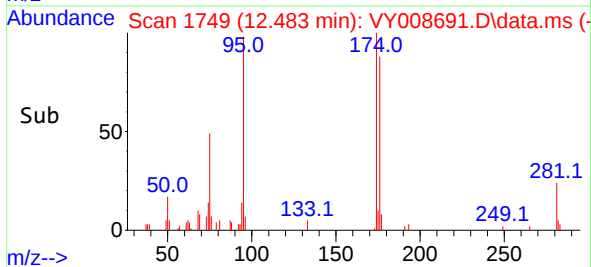
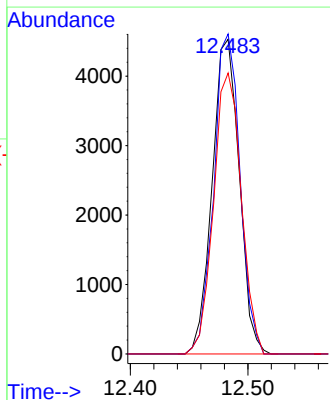
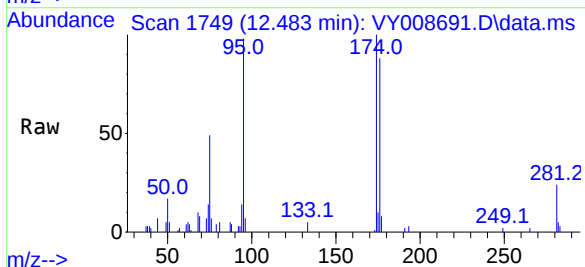
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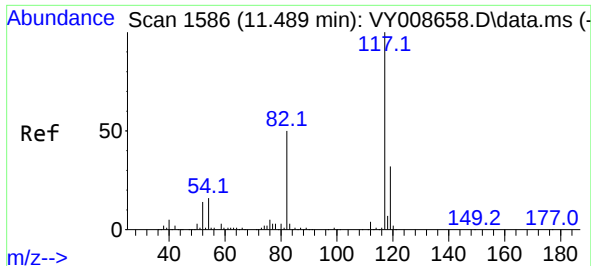
Tgt Ion: 98 Resp: 28149
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 95 Resp: 7260
Ion Ratio Lower Upper
95 100
174 98.9 0.0 177.0
176 91.3 0.0 175.8

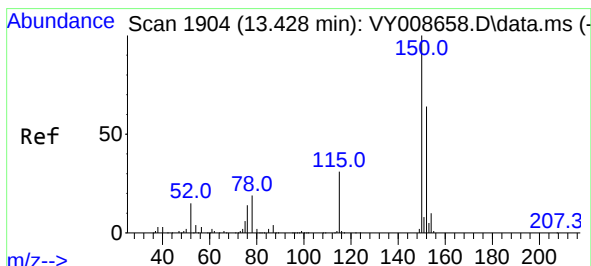
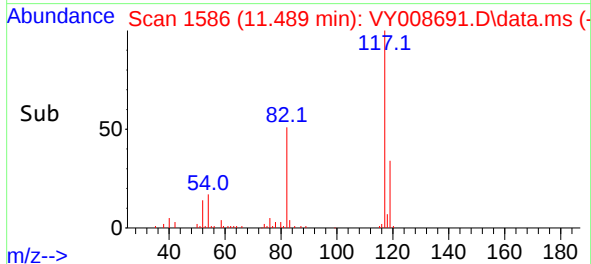
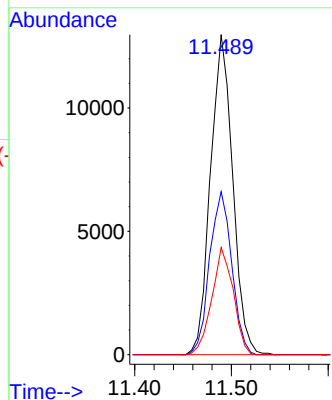
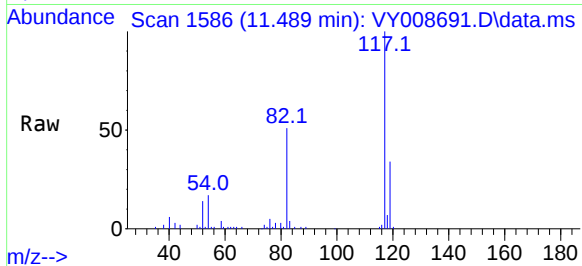




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

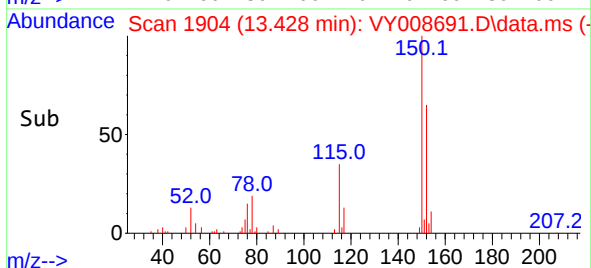
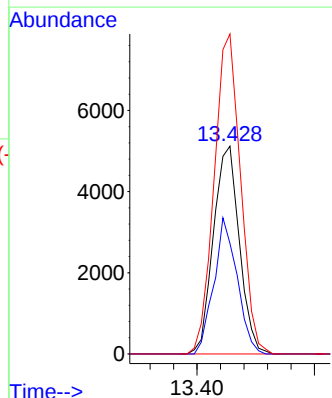
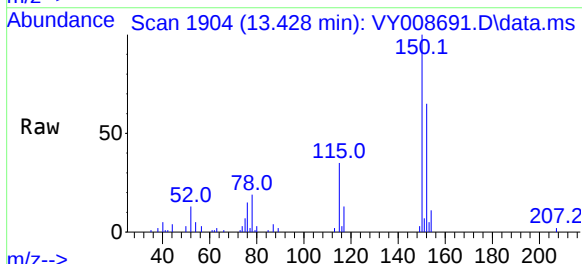
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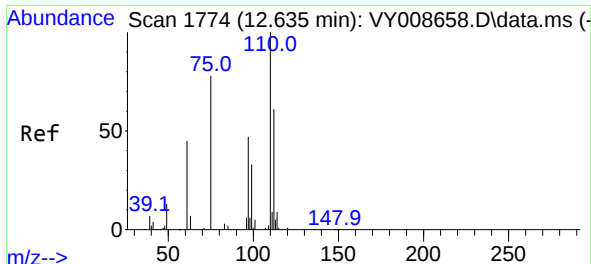
Tgt Ion:117 Resp: 20693
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 33.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion:152 Resp: 7848
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 156.4 0.0 347.6

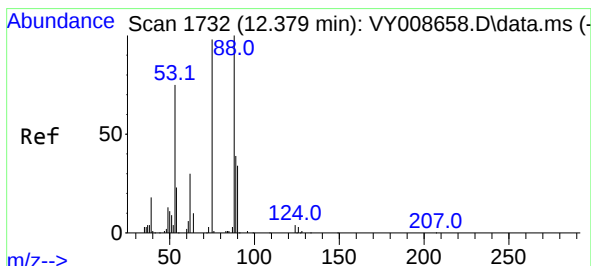
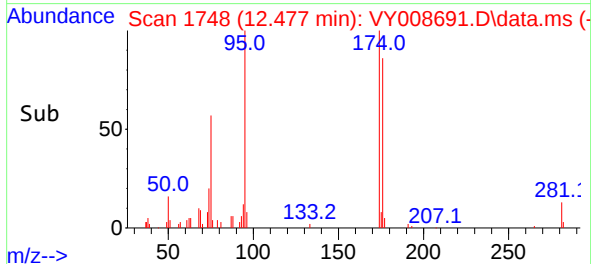
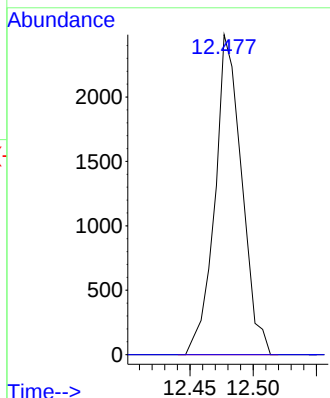
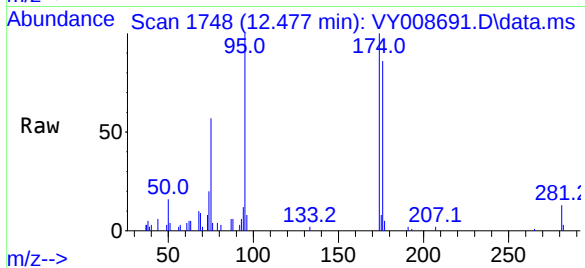




#76
1,2,3-Trichloropropane
Concen: 41.359 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Instrument :
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ClientSampleId :
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Tgt Ion: 75 Resp: 3659
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 82.287 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008691.D
Acq: 10 May 2022 19:41

Tgt Ion: 75 Resp: 3659
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

