

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007036.D
 Acq On : 06 Jan 2022 16:41
 Operator : SY/MD
 Sample : M5342-07
 Misc : 4.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-(0-2)

Quant Time: Jan 06 17:38:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

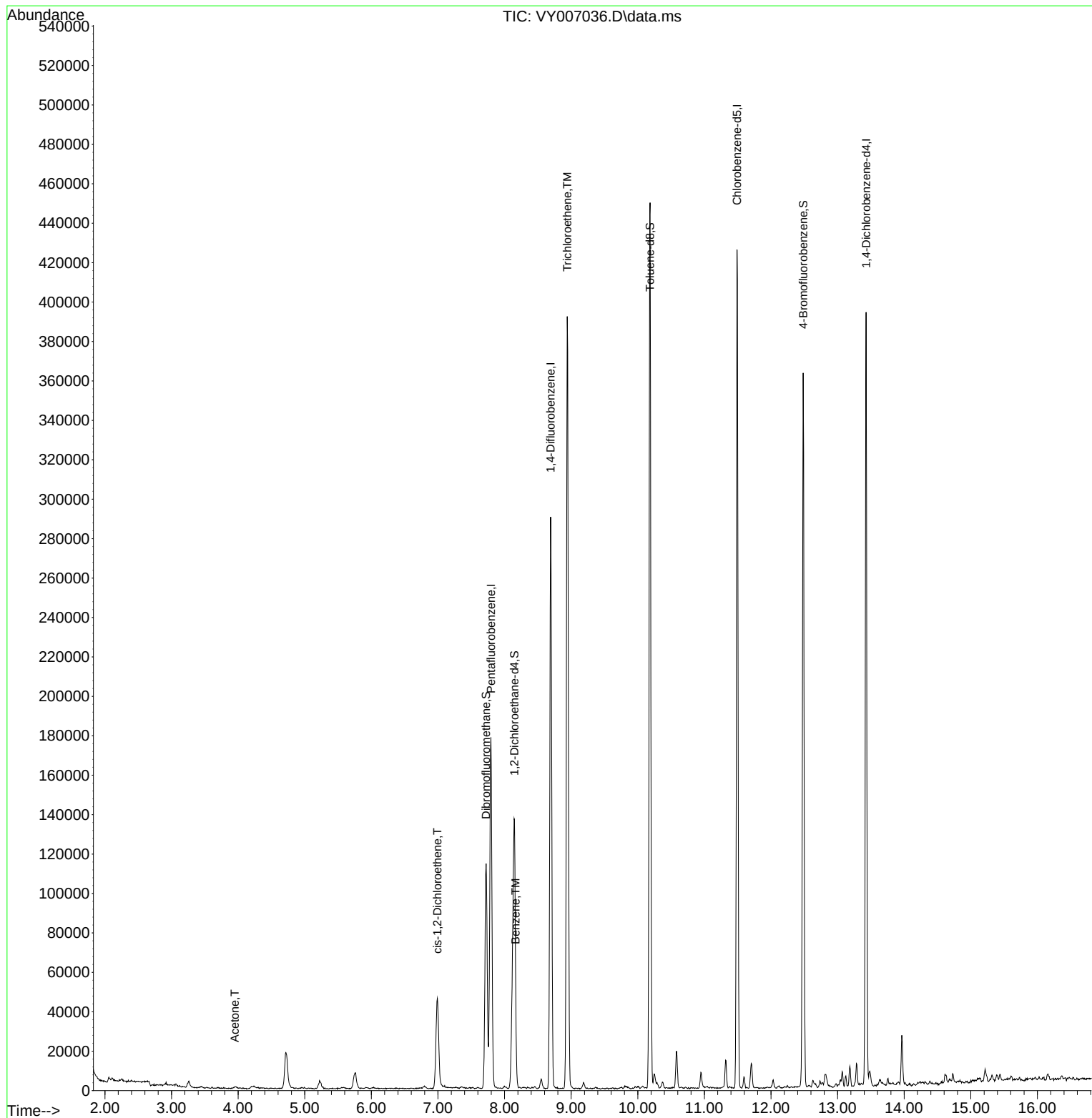
Internal Standards						
1) Pentafluorobenzene	7.795	168	133864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91457	57.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.722	113	83851	50.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.185	98	302628	49.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	12.483	95	110337	47.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.120%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1480	4.251	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	24356	12.599	ug/l	90
40) Benzene	8.167	78	7730	1.028	ug/l	100
44) Trichloroethene	8.941	130	140346	66.819	ug/l	99

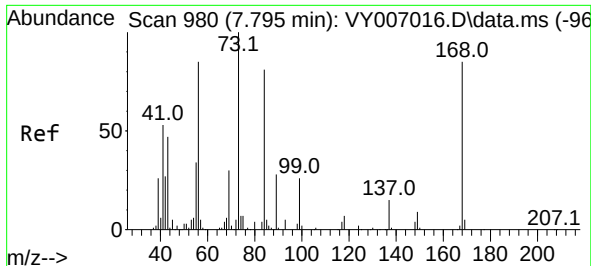
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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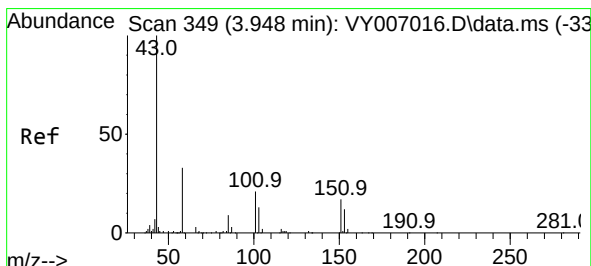
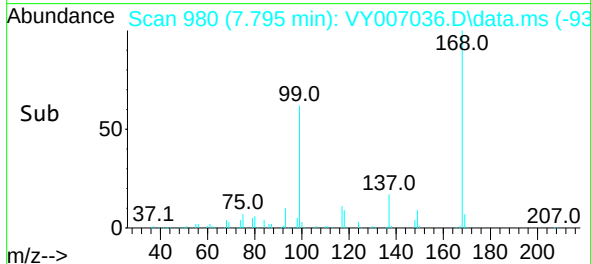
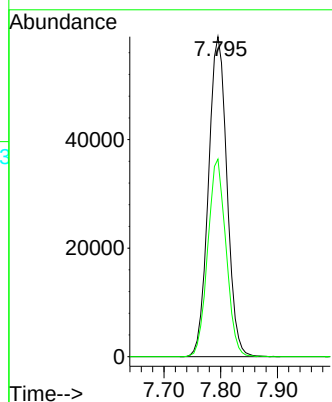
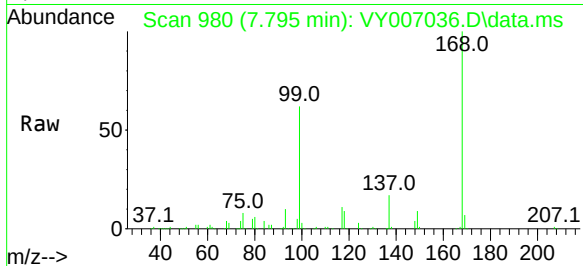




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

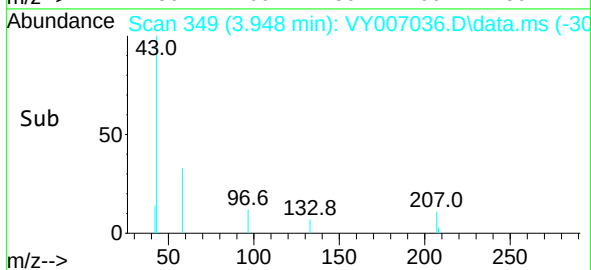
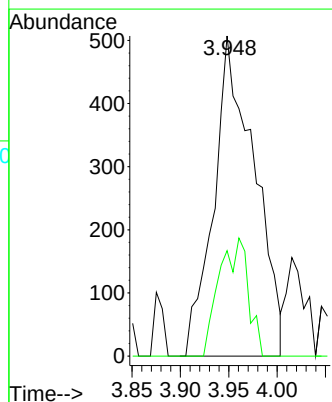
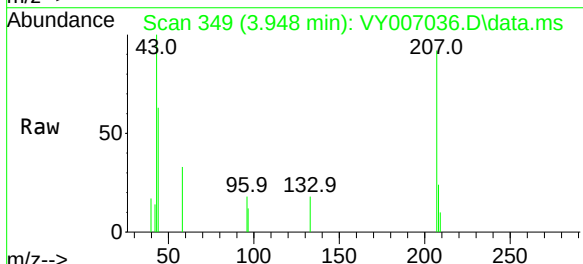
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-(0-2)

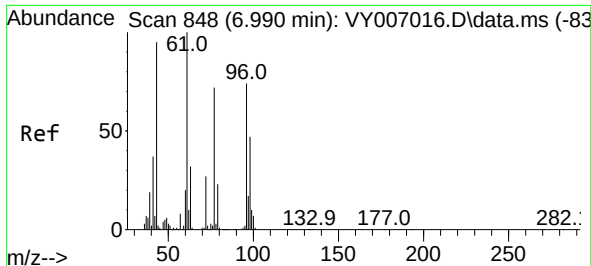
Tgt Ion:168 Resp: 133864
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#16
Acetone
Concen: 4.251 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

Tgt Ion: 43 Resp: 1480
Ion Ratio Lower Upper
43 100
58 32.9 26.3 39.5

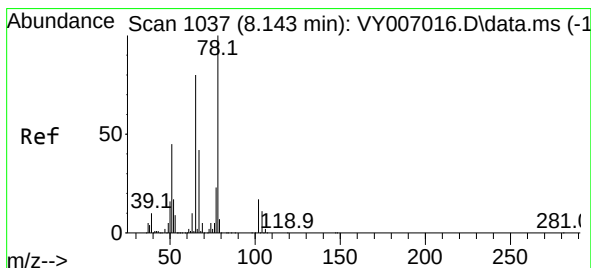
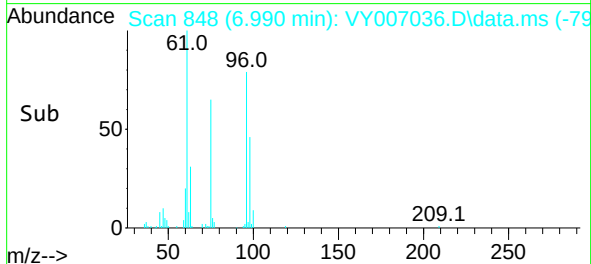
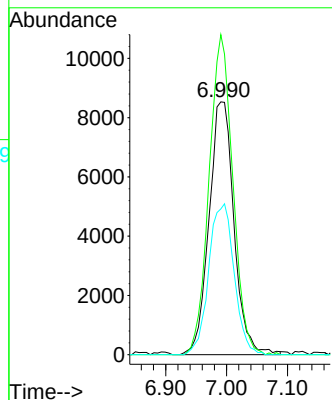
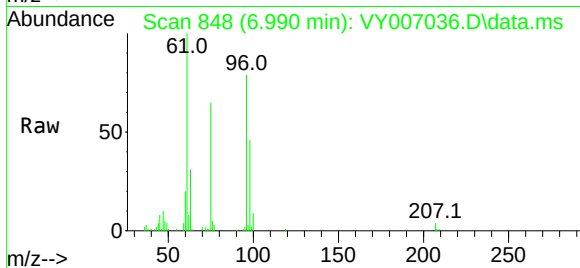




#27
 cis-1,2-Dichloroethene
 Concen: 12.599 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY007036.D
 Acq: 06 Jan 2022 16:41

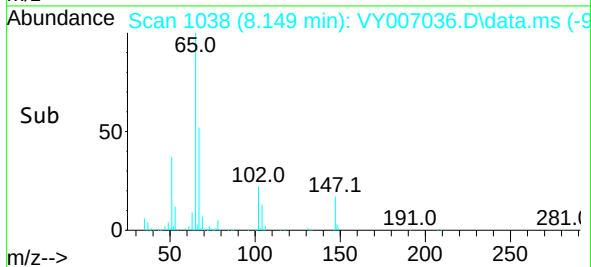
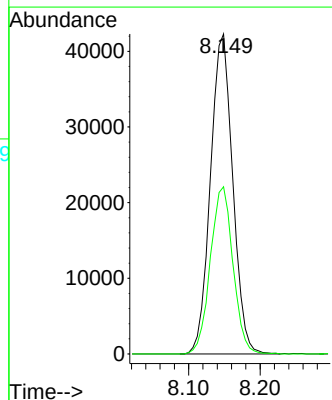
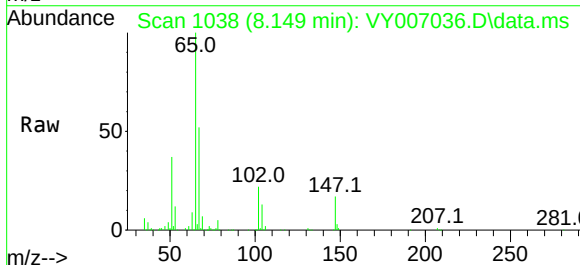
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-(0-2)

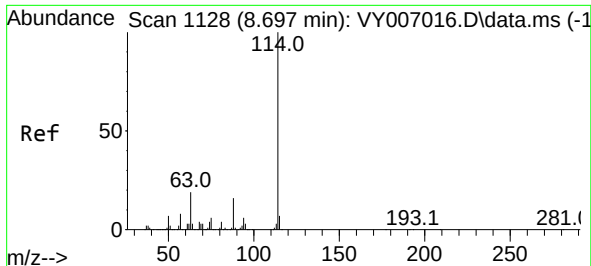
Tgt Ion: 96 Resp: 24356
 Ion Ratio Lower Upper
 96 100
 61 119.9 0.0 269.8
 98 60.6 0.0 130.2



#33
 1,2-Dichloroethane-d4
 Concen: 57.879 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.006 min
 Lab File: VY007036.D
 Acq: 06 Jan 2022 16:41

Tgt Ion: 65 Resp: 91457
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007036.D

Acq: 06 Jan 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-(0-2)

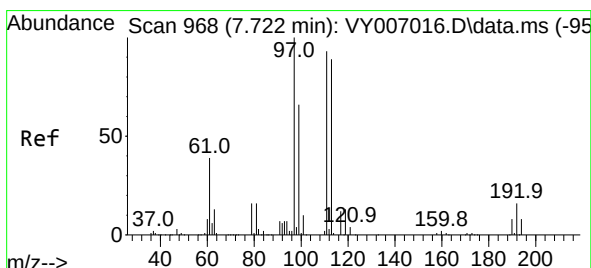
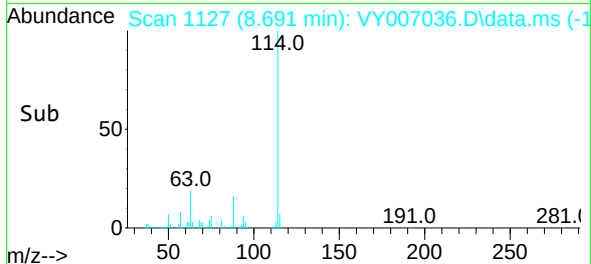
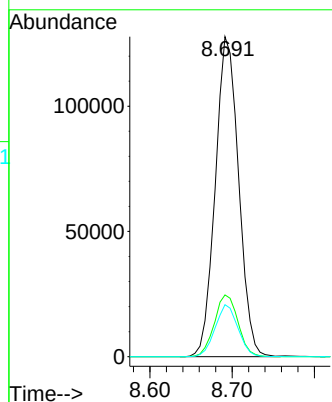
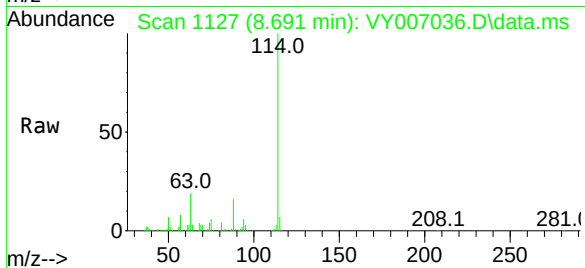
Tgt Ion:114 Resp: 252235

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.572 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007036.D

Acq: 06 Jan 2022 16:41

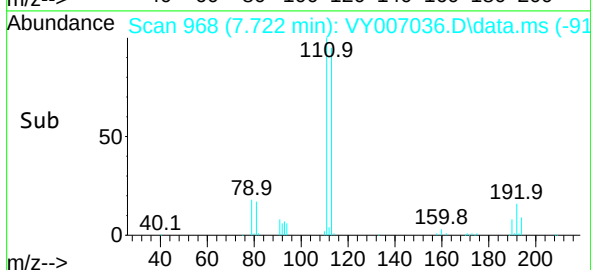
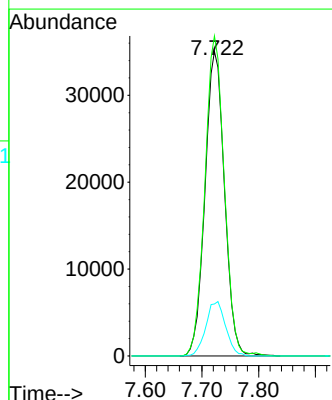
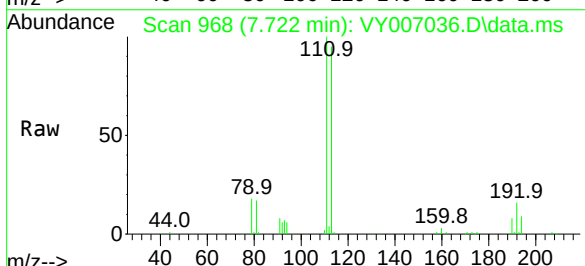
Tgt Ion:113 Resp: 83851

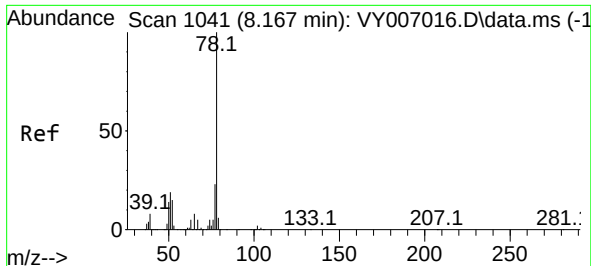
Ion Ratio Lower Upper

113 100

111 104.3 81.9 122.9

192 18.1 14.6 21.8





#40

Benzene

Concen: 1.028 ug/l

RT: 8.167 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY007036.D

Acq: 06 Jan 2022 16:41

Instrument :

MSVOA_Y

ClientSampleId :

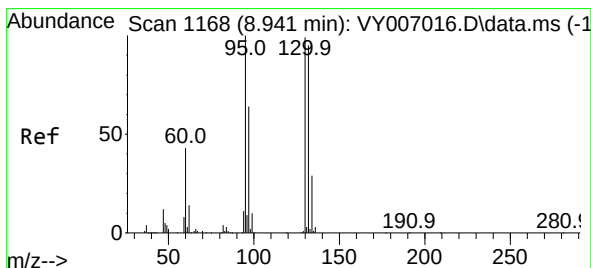
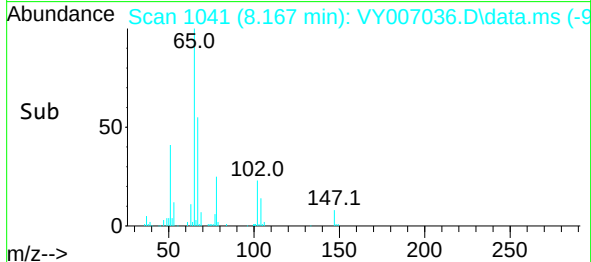
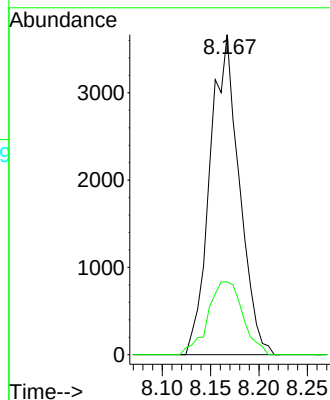
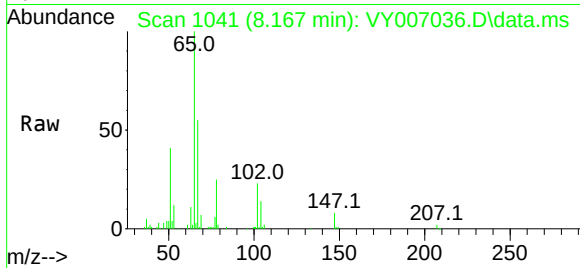
SB-9-(0-2)

Tgt Ion: 78 Resp: 7730

Ion Ratio Lower Upper

78 100

77 22.8 18.2 27.4



#44

Trichloroethene

Concen: 66.819 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY007036.D

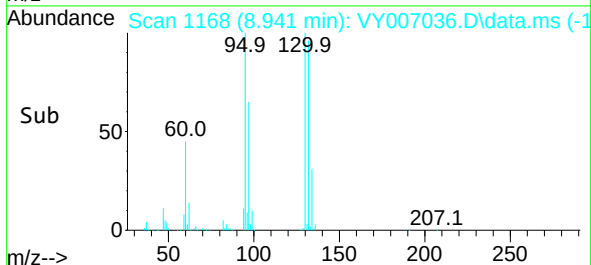
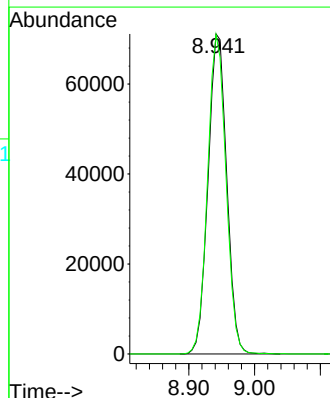
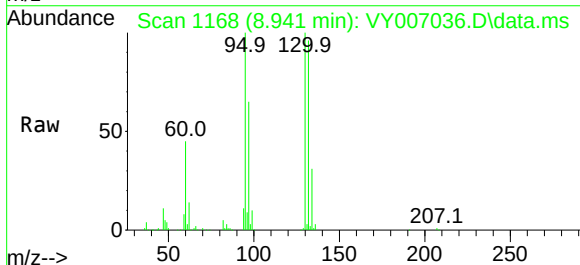
Acq: 06 Jan 2022 16:41

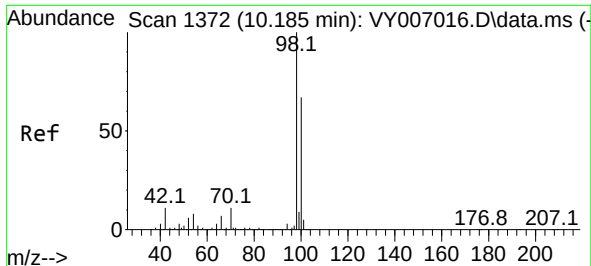
Tgt Ion:130 Resp: 140346

Ion Ratio Lower Upper

130 100

95 99.8 0.0 202.0

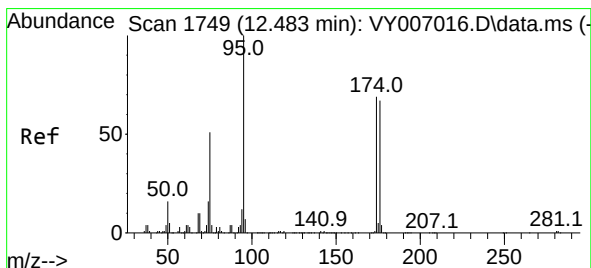
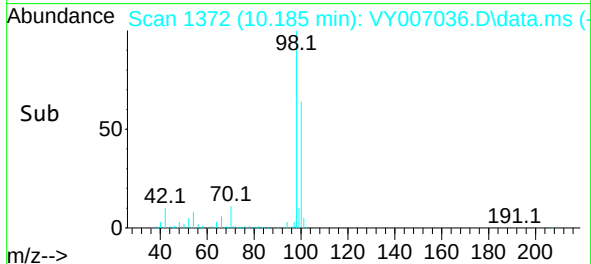
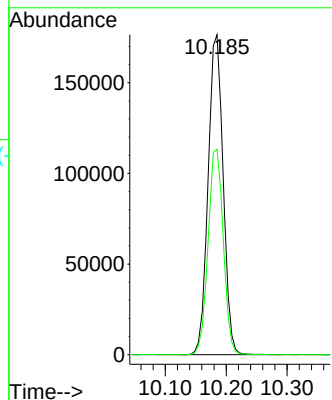
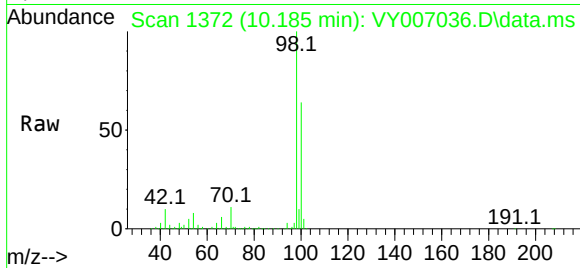




#50
Toluene-d8
Concen: 49.125 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

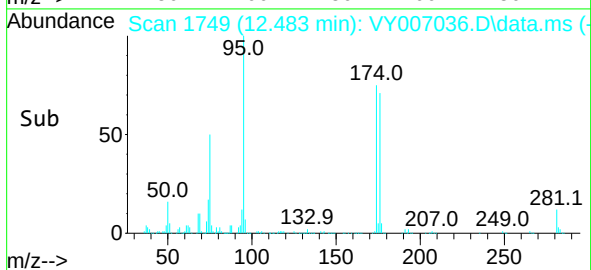
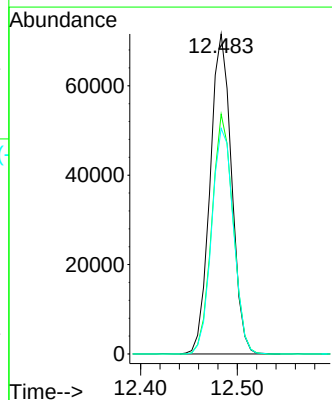
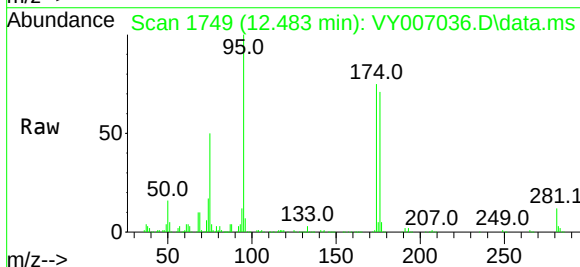
Instrument :
MSVOA_Y
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SB-9-(0-2)

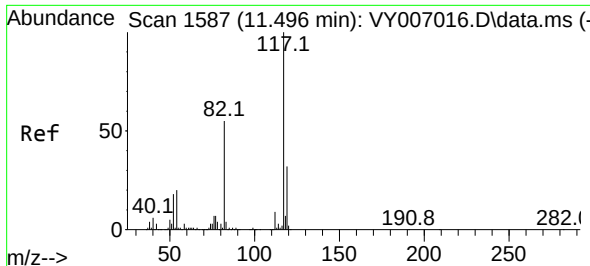
Tgt Ion: 98 Resp: 302628
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

Tgt Ion: 95 Resp: 110337
Ion Ratio Lower Upper
95 100
174 74.0 0.0 144.6
176 71.9 0.0 141.0

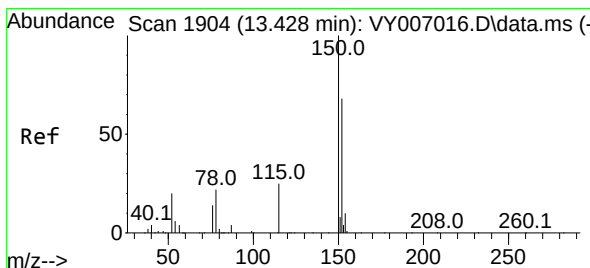
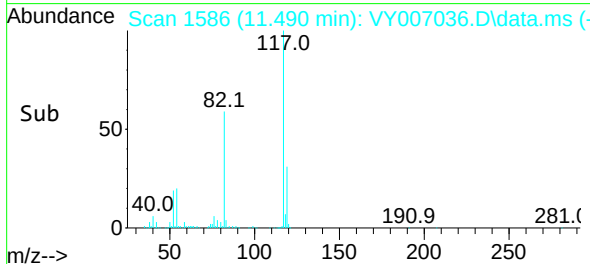
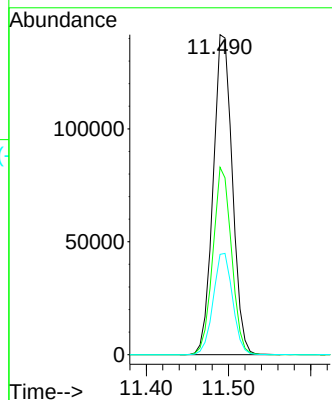
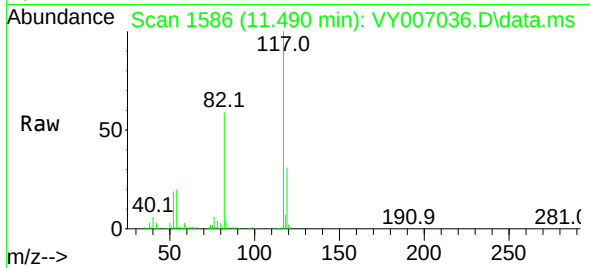




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-(0-2)

Tgt Ion:117 Resp: 230085
Ion Ratio Lower Upper
117 100
82 58.6 44.1 66.1
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007036.D
Acq: 06 Jan 2022 16:41

Tgt Ion:152 Resp: 95914
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.5
150 158.0 0.0 358.0

