

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY011992.D
 Acq On : 23 Dec 2022 13:04
 Operator : KP/MD
 Sample : N6196-04
 Misc : 7.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-6-3049

Quant Time: Dec 23 22:24:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

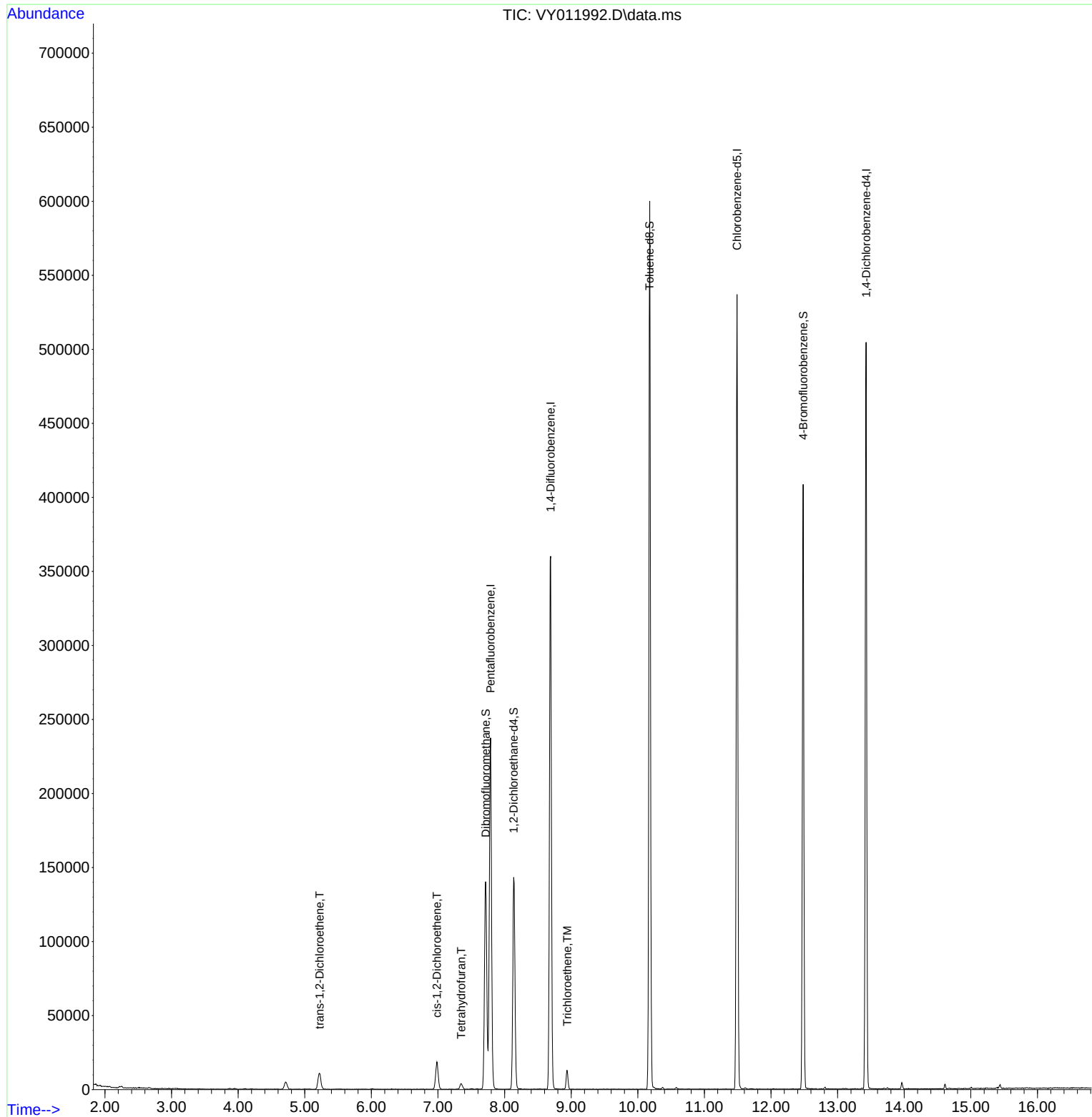
Internal Standards						
1) Pentafluorobenzene	7.789	168	187697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116388	61.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.100%
35) Dibromofluoromethane	7.716	113	99922	51.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.179	98	387634	49.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.483	95	121991	46.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.540%
Target Compounds						
						Qvalue
21) trans-1,2-Dichloroethene	5.222	96	7117	3.527	ug/l	89
27) cis-1,2-Dichloroethene	6.984	96	12253	5.615	ug/l	84
29) Tetrahydrofuran	7.350	42	3062	8.580	ug/l	95
44) Trichloroethene	8.941	130	4777	1.911	ug/l	96

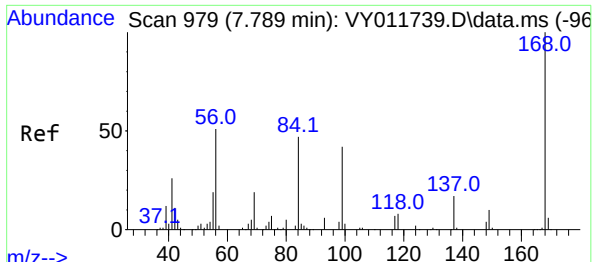
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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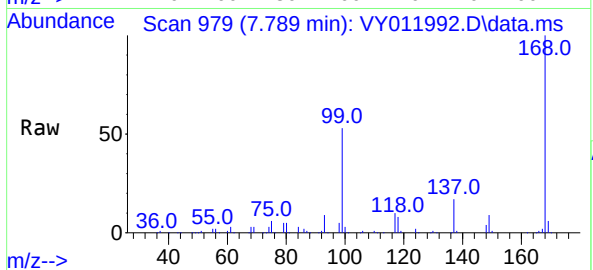
Quant Time: Dec 23 22:24:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
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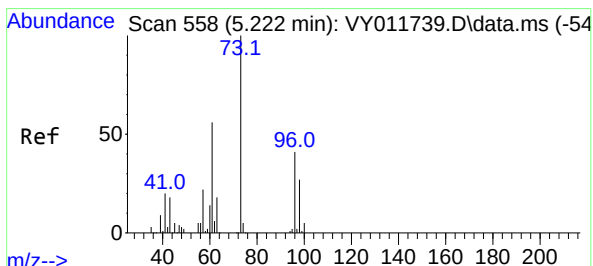
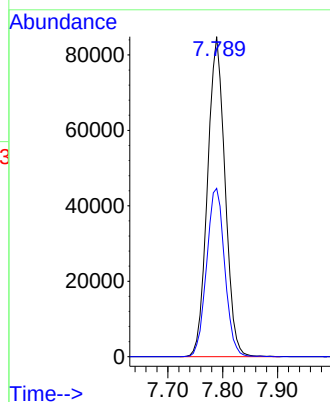
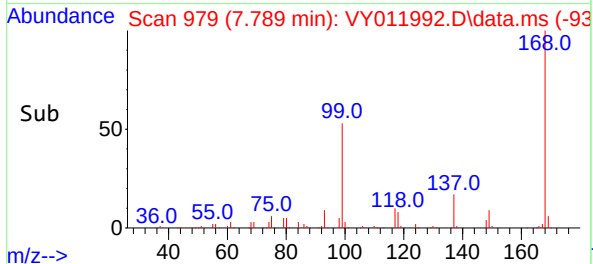


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-3049

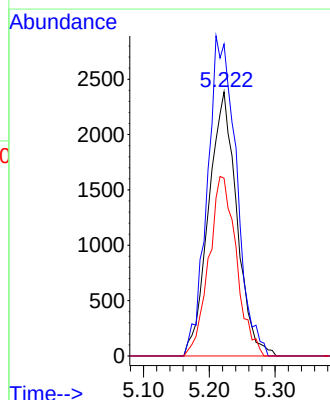
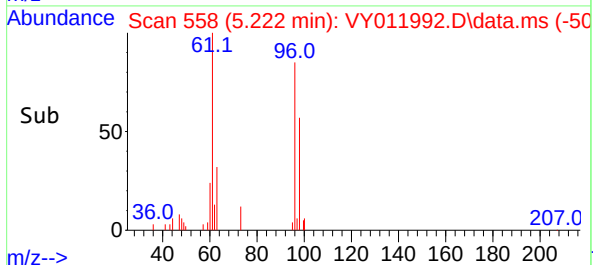
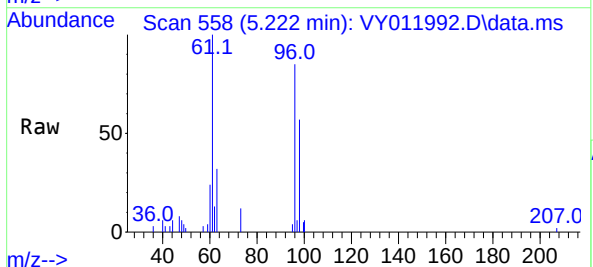


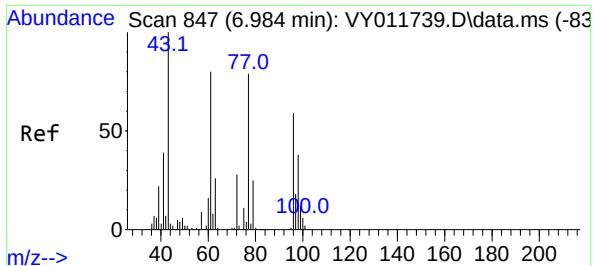
Tgt Ion:168 Resp: 187697
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#21
trans-1,2-Dichloroethene
Concen: 3.527 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Tgt Ion: 96 Resp: 7117
Ion Ratio Lower Upper
96 100
61 118.2 108.0 162.0
98 67.3 51.6 77.4





#27

cis-1,2-Dichloroethene

Concen: 5.615 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011992.D

Acq: 23 Dec 2022 13:04

Instrument :

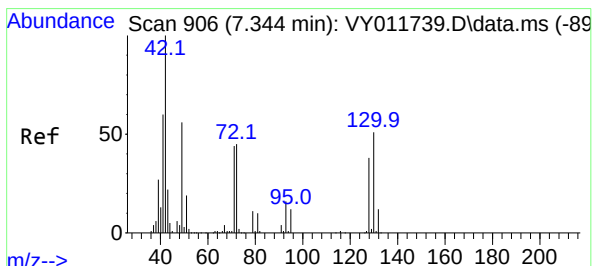
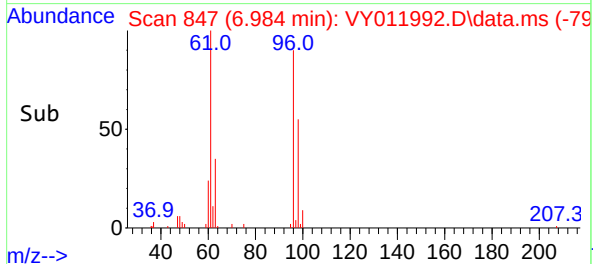
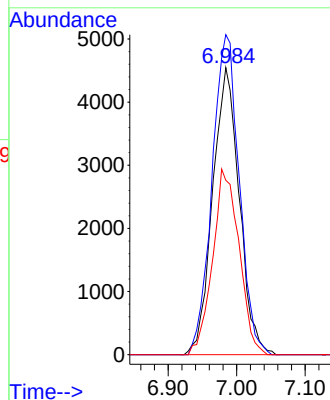
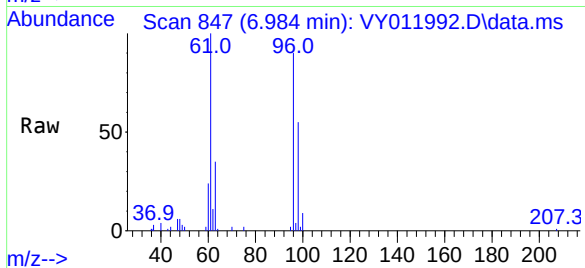
MSVOA_Y

ClientSampleId :

VOC-6-3049

Tgt Ion: 96 Resp: 12253

Ion	Ratio	Lower	Upper
96	100		
61	113.5	0.0	283.4
98	64.2	0.0	127.6



#29

Tetrahydrofuran

Concen: 8.580 ug/l

RT: 7.350 min Scan# 907

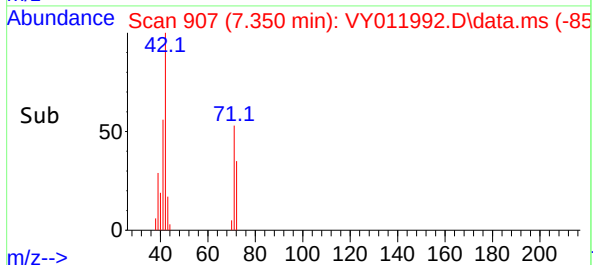
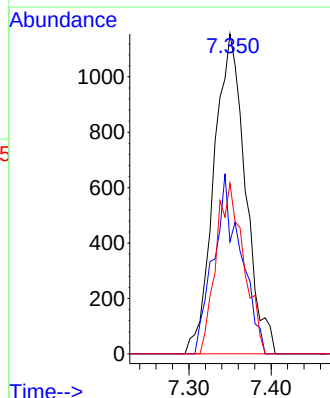
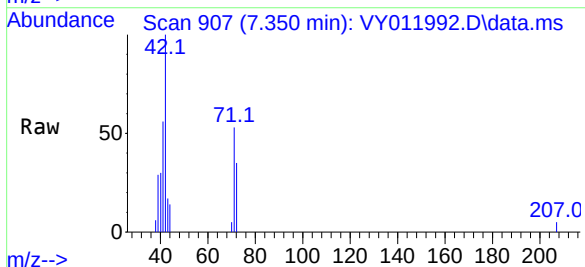
Delta R.T. 0.006 min

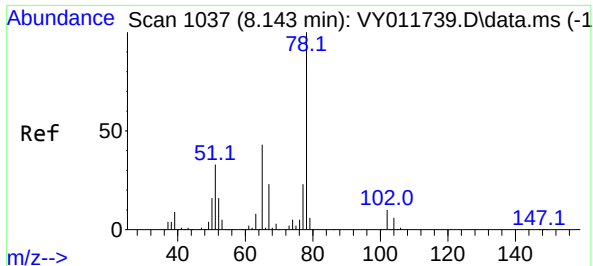
Lab File: VY011992.D

Acq: 23 Dec 2022 13:04

Tgt Ion: 42 Resp: 3062

Ion	Ratio	Lower	Upper
42	100		
72	49.0	37.0	55.6
71	47.1	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 61.548 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY011992.D

Acq: 23 Dec 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

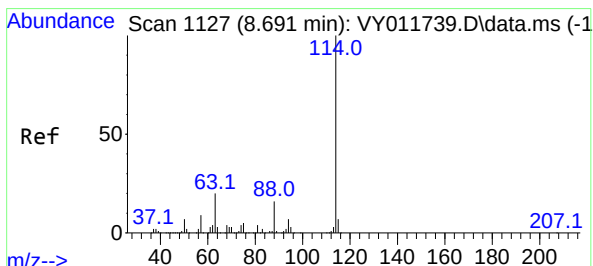
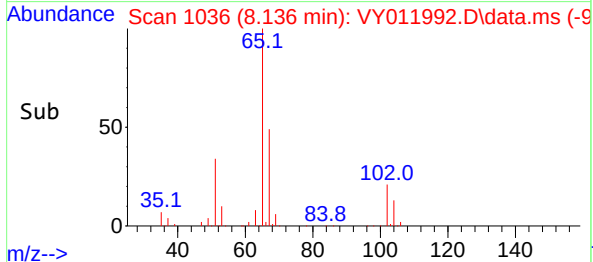
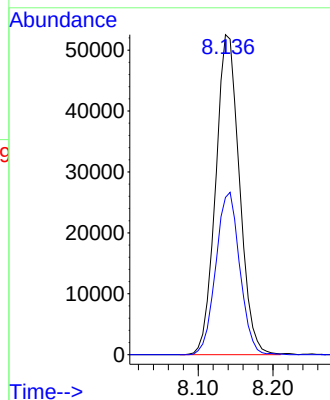
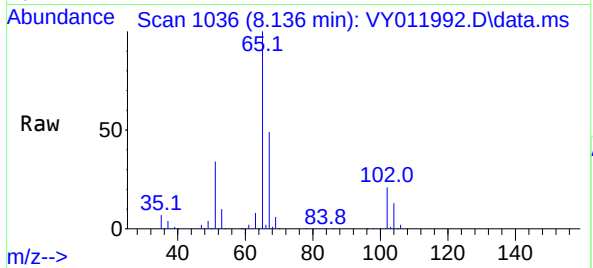
VOC-6-3049

Tgt Ion: 65 Resp: 116388

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011992.D

Acq: 23 Dec 2022 13:04

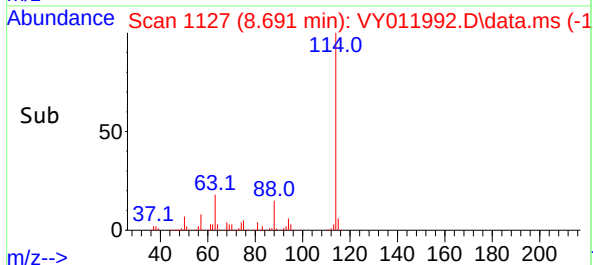
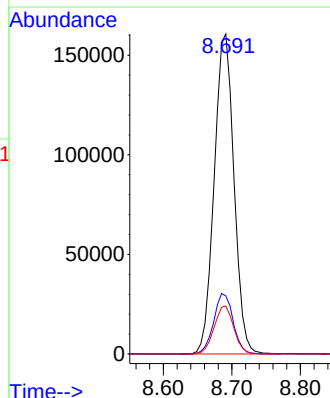
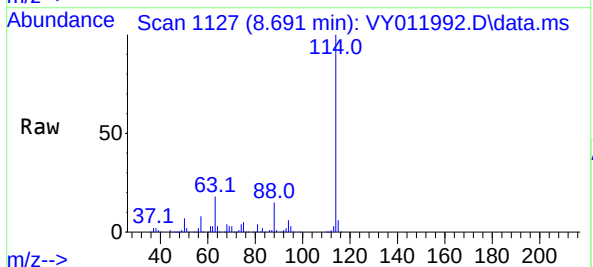
Tgt Ion: 114 Resp: 320924

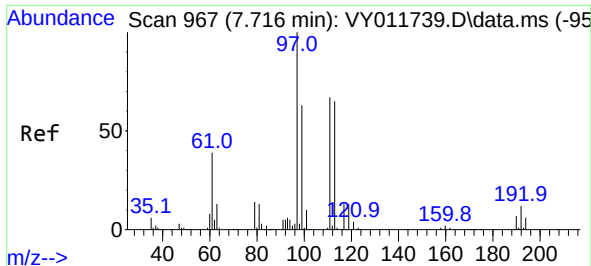
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 15.0 0.0 32.2

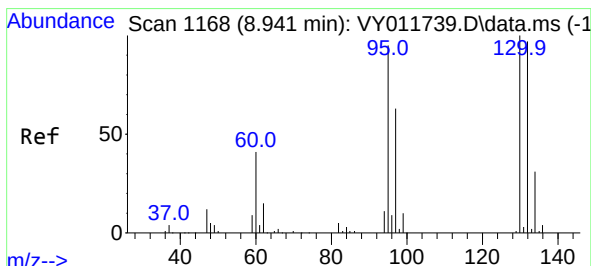
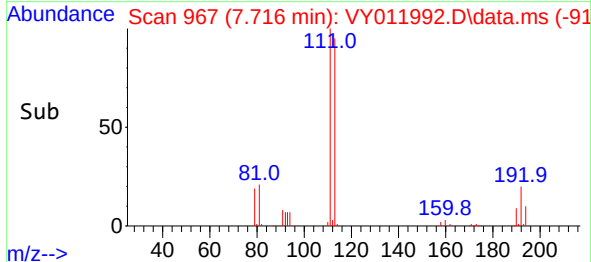
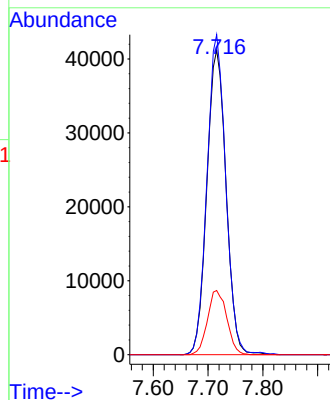
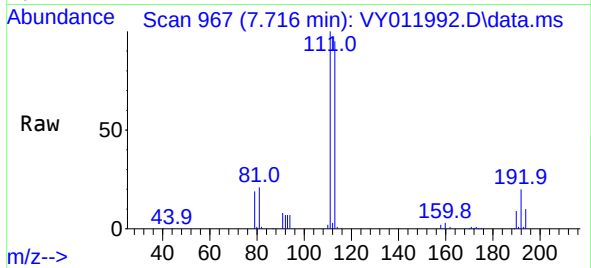




#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

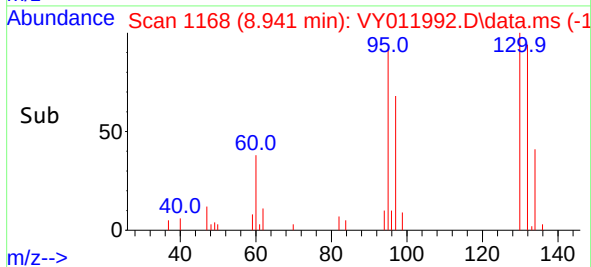
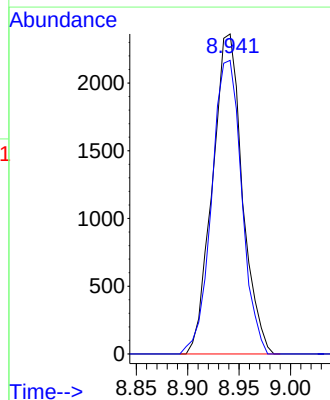
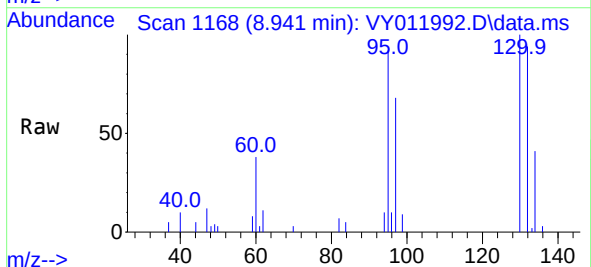
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-3049

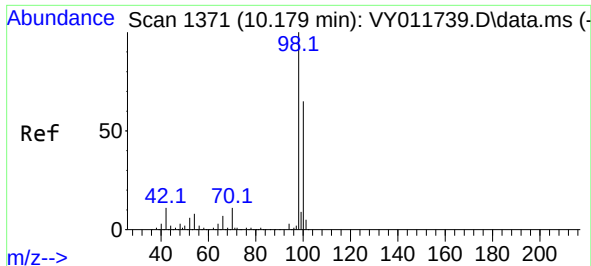
Tgt Ion:113 Resp: 99922
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.2 16.0 24.0



#44
Trichloroethene
Concen: 1.911 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Tgt Ion:130 Resp: 4777
Ion Ratio Lower Upper
130 100
95 91.7 0.0 190.6

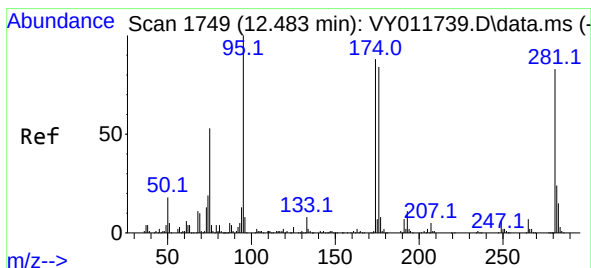
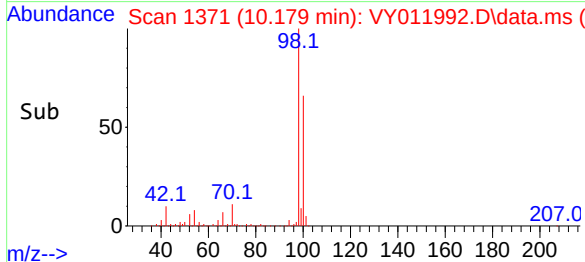
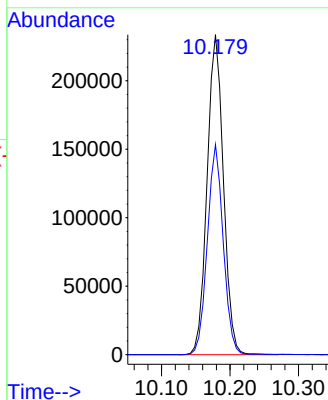
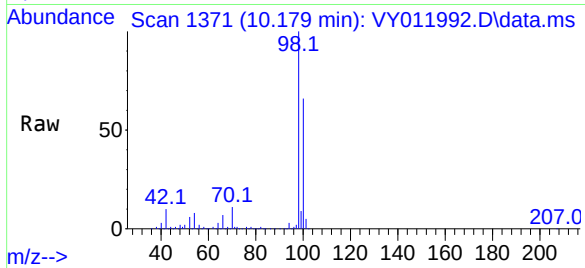




#50
Toluene-d8
Concen: 49.451 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

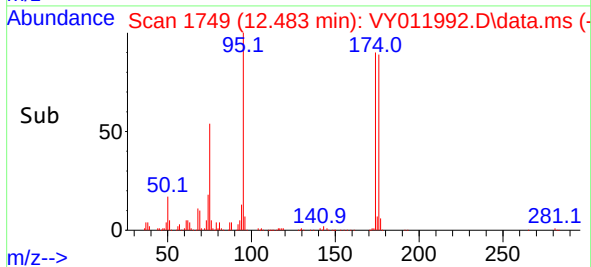
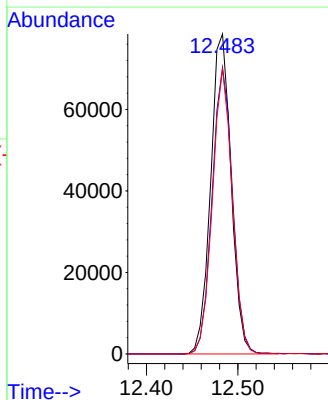
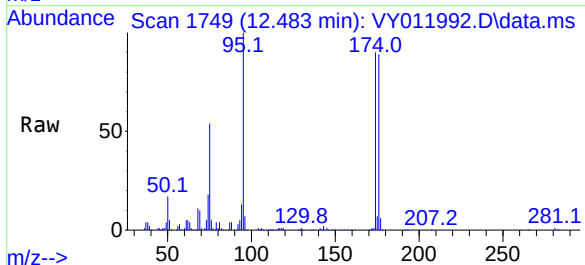
Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-3049

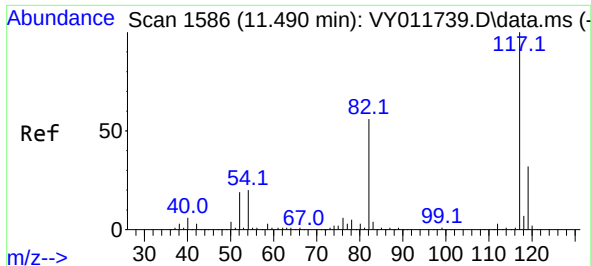
Tgt Ion: 98 Resp: 387634
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Tgt Ion: 95 Resp: 121991
Ion Ratio Lower Upper
95 100
174 89.7 0.0 172.0
176 86.8 0.0 167.6

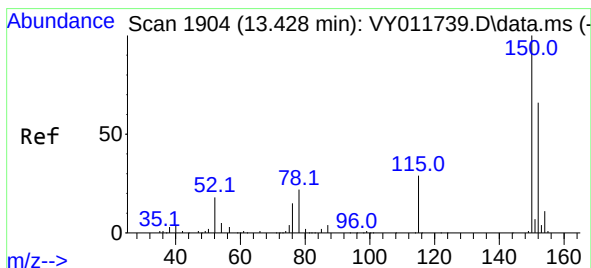
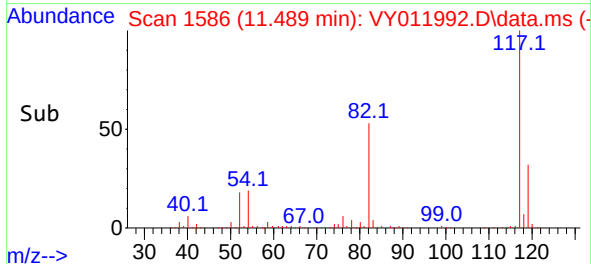
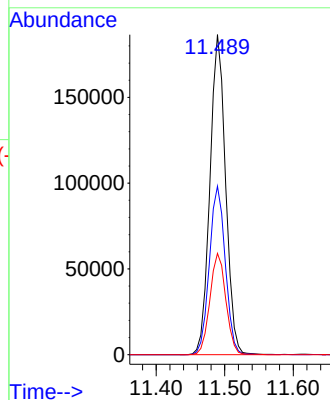
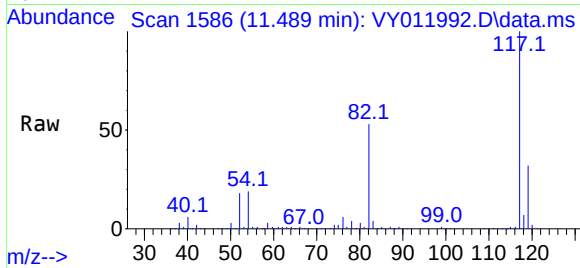




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Instrument :
MSVOA_Y
ClientSampleId :
VOC-6-3049

Tgt Ion:117 Resp: 296595
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011992.D
Acq: 23 Dec 2022 13:04

Tgt Ion:152 Resp: 134816
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.3
150 156.3 0.0 342.6

