

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011191.D
 Acq On : 29 Oct 2022 05:46
 Operator : KP/MD
 Sample : N5310-15
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-11

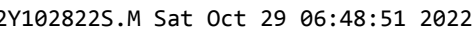
Quant Time: Oct 29 06:48:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

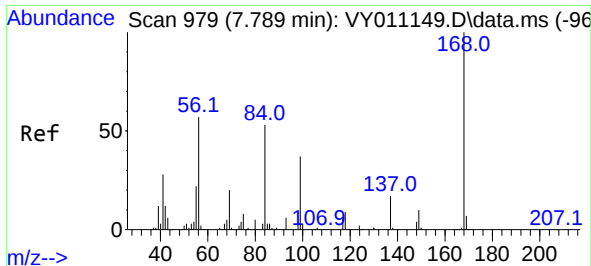
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	225	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	409	175.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	351.600%#
35) Dibromofluoromethane	7.722	113	279	84.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	168.040%#
50) Toluene-d8	10.185	98	542	41.198	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.400%
62) 4-Bromofluorobenzene	12.483	95	87	20.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.420%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	50	16.795	ug/l	# 29

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

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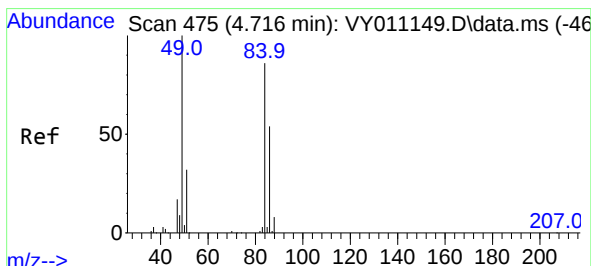
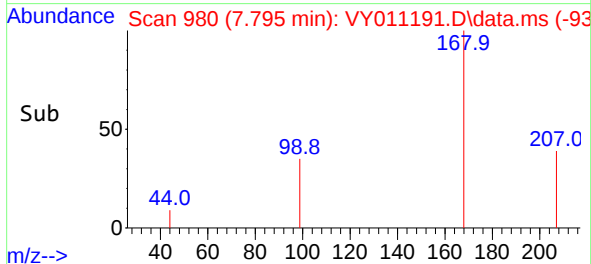
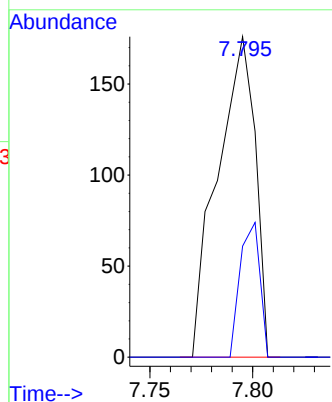
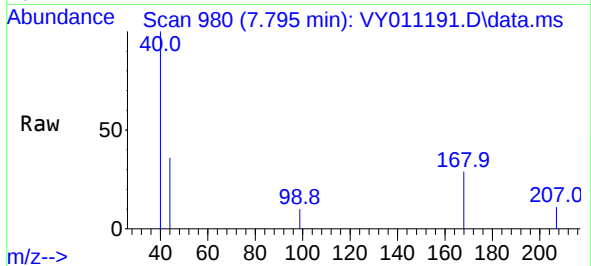




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

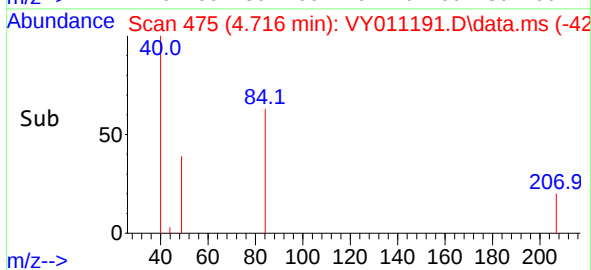
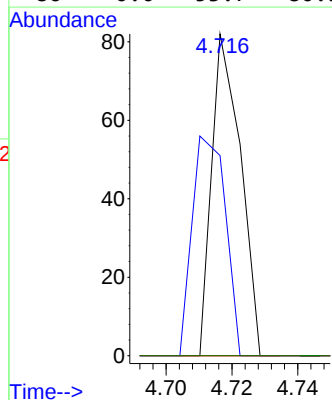
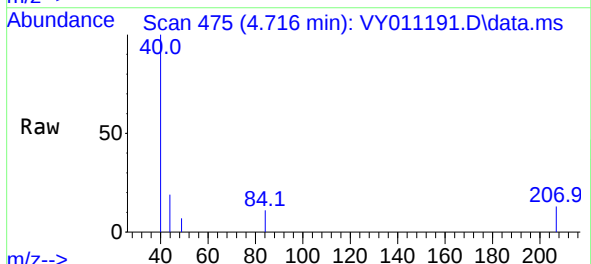
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-11

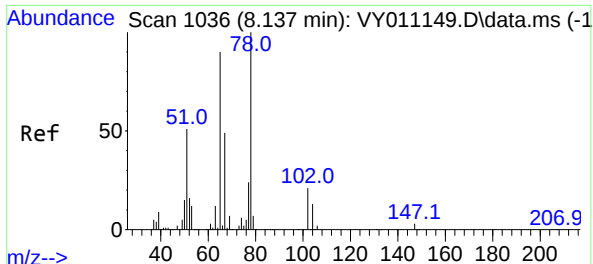
Tgt Ion:168 Resp: 225
Ion Ratio Lower Upper
168 100
99 34.7 46.9 70.3#



#20
Methylene Chloride
Concen: 16.795 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

Tgt Ion: 84 Resp: 50
Ion Ratio Lower Upper
84 100
49 62.2 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 175.798 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011191.D

Acq: 29 Oct 2022 05:46

Instrument :

MSVOA_Y

ClientSampleId :

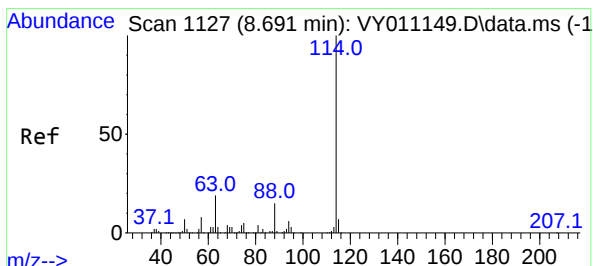
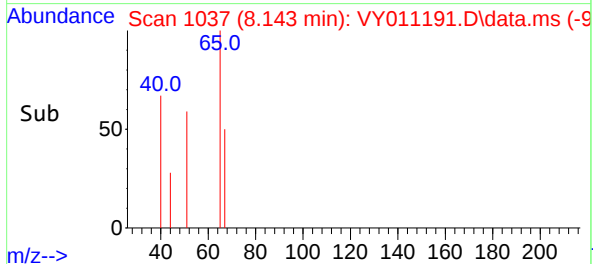
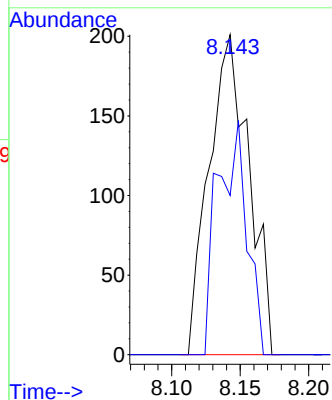
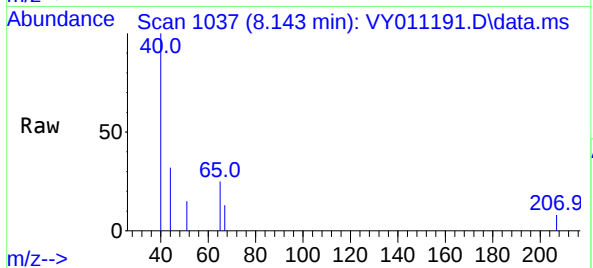
BIN 1-2-(2840)-VOC-11

Tgt Ion: 65 Resp: 409

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011191.D

Acq: 29 Oct 2022 05:46

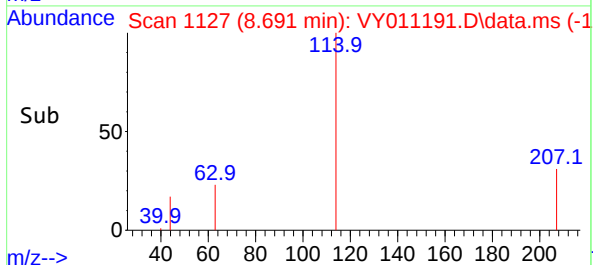
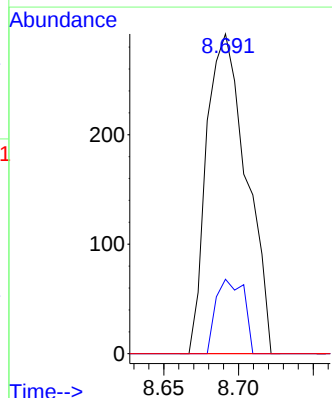
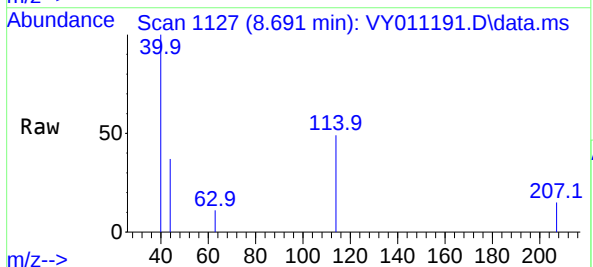
Tgt Ion: 114 Resp: 540

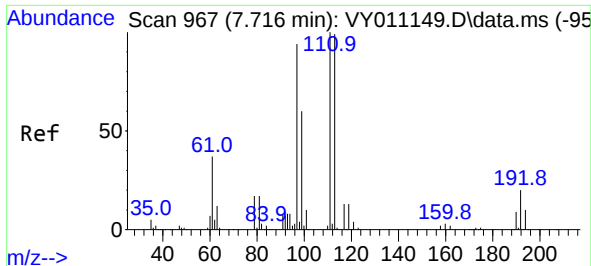
Ion Ratio Lower Upper

114 100

63 23.3 0.0 43.2

88 0.0 0.0 31.8

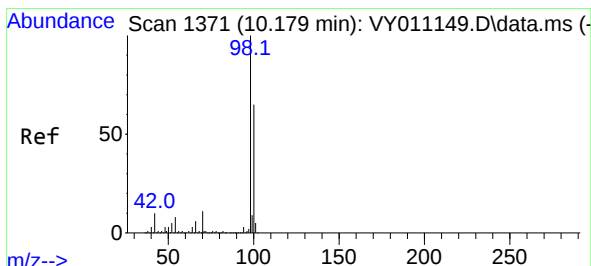
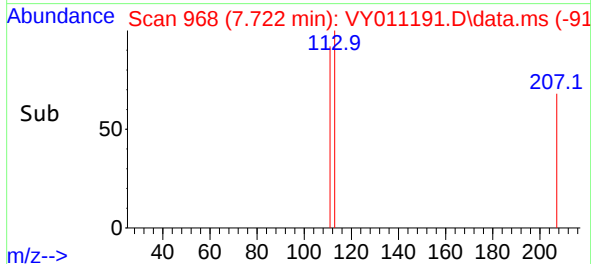
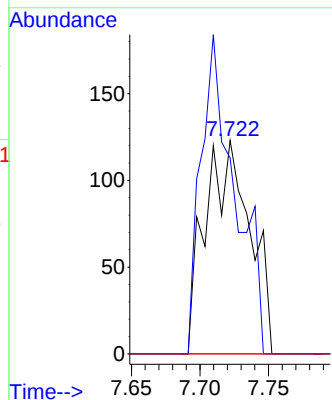
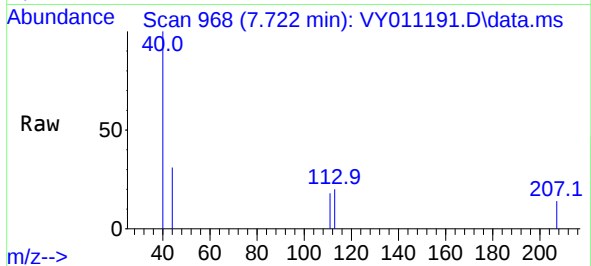




#35
Dibromofluoromethane
Concen: 84.016 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

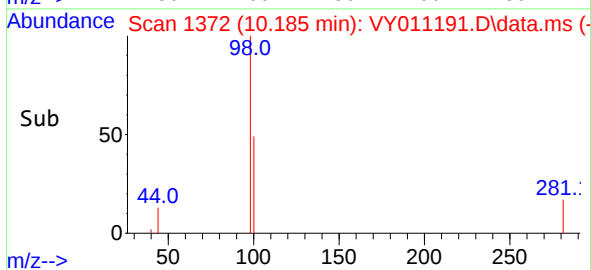
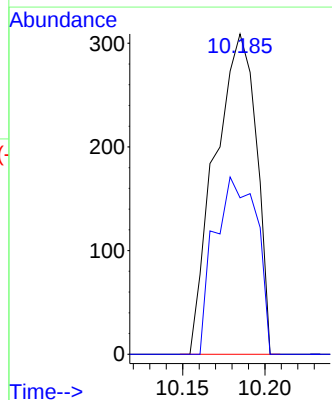
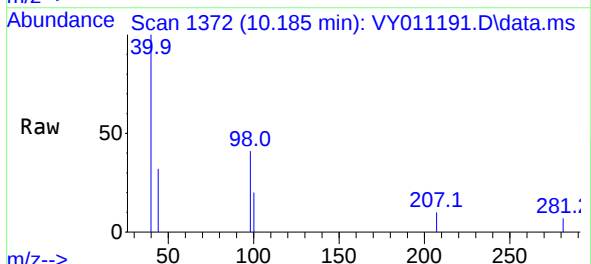
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BIN 1-2-(2840)-VOC-11

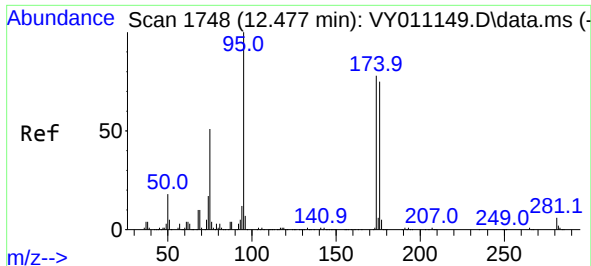
Tgt Ion:113 Resp: 279
Ion Ratio Lower Upper
113 100
111 114.0 82.6 124.0
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 41.198 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

Tgt Ion: 98 Resp: 542
Ion Ratio Lower Upper
98 100
100 56.3 50.2 75.2

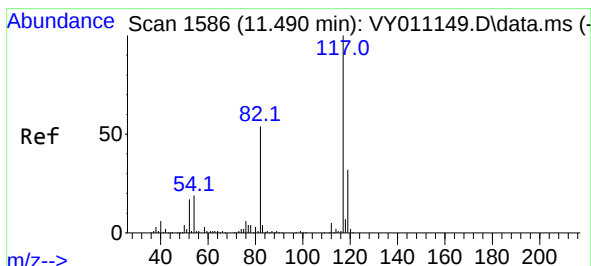
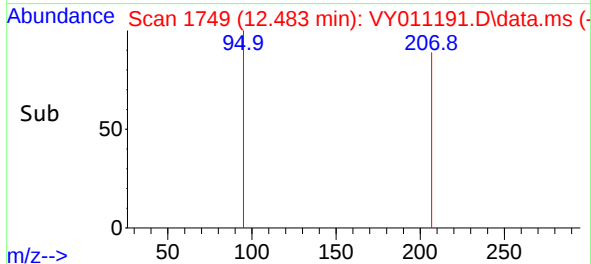
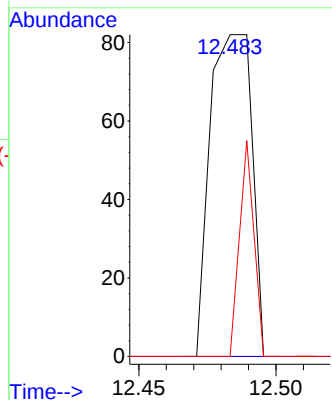
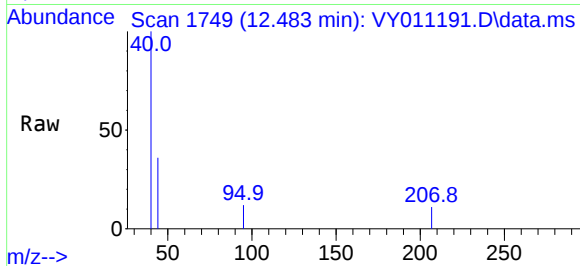




#62
4-Bromofluorobenzene
Concen: 20.210 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

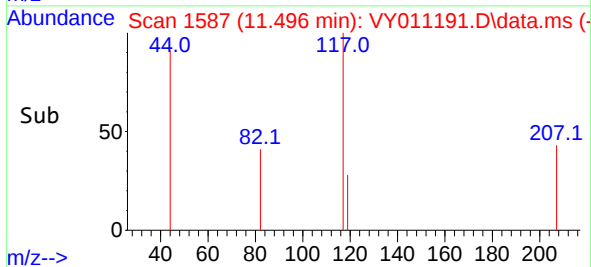
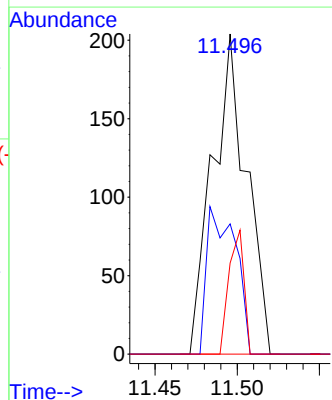
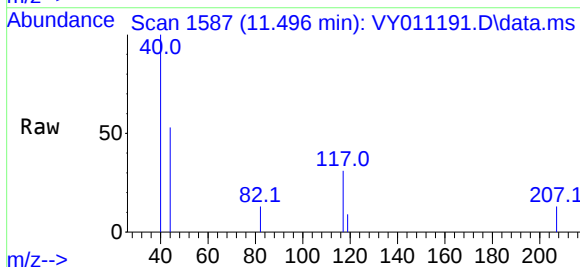
Instrument :
MSVOA_Y
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BIN 1-2-(2840)-VOC-11

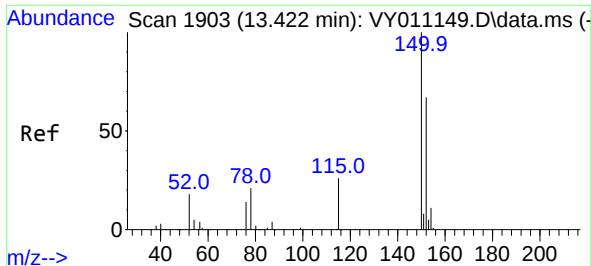
Tgt Ion: 95	Resp:	87
Ion Ratio	Lower	Upper
95	100	
174	0.0	177.0
176	23.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011191.D
Acq: 29 Oct 2022 05:46

Tgt Ion: 117	Resp:	293
Ion Ratio	Lower	Upper
117	100	
82	40.7	64.4#
119	28.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011191.D

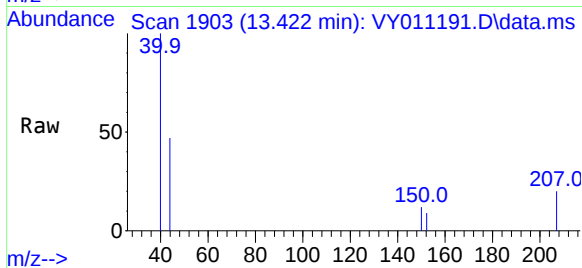
Acq: 29 Oct 2022 05:46

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-11



Tgt Ion:152 Resp: 42

Ion Ratio Lower Upper

152 100

115 0.0 28.2 84.7#

150 147.6 0.0 347.6

