

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
 Data File : VY007019.D
 Acq On : 05 Jan 2022 14:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 06 04:54:17 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)

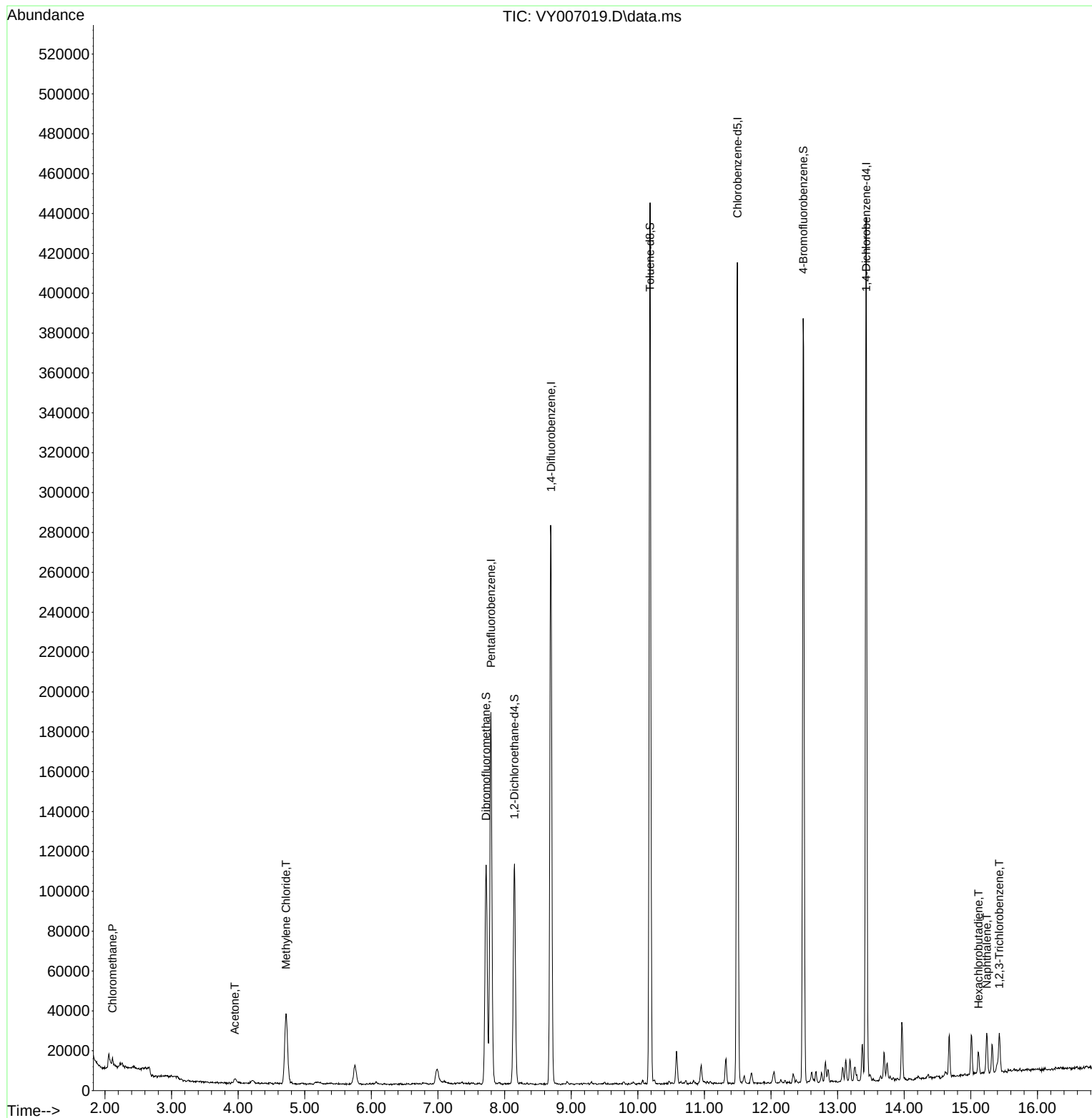
Internal Standards						
1) Pentafluorobenzene	7.795	168	136404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	249143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	224060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87354	54.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.722	113	81097	49.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.040%	
50) Toluene-d8	10.185	98	291763	47.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.483	95	116107	50.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	3075	3.197	ug/l #	88
16) Acetone	3.948	43	4061	11.448	ug/l #	81
20) Methylene Chloride	4.716	84	28299	1.698	ug/l	96
94) Hexachlorobutadiene	15.117	225	1909	1.714	ug/l	97
95) Naphthalene	15.239	128	16354	3.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	5574	3.038	ug/l	99

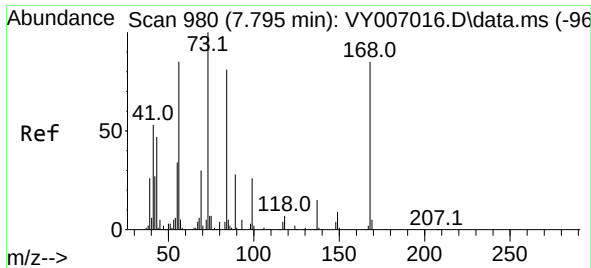
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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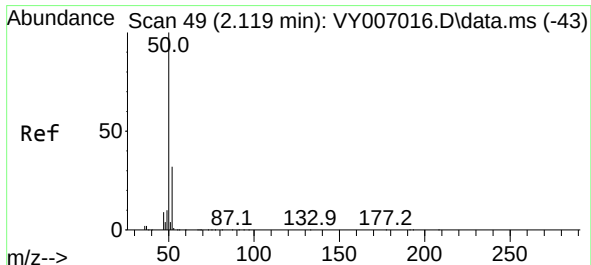
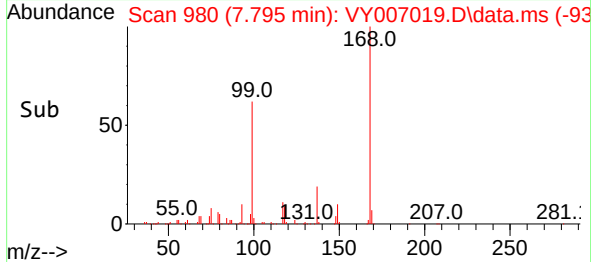
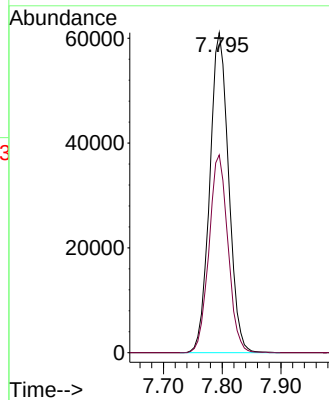
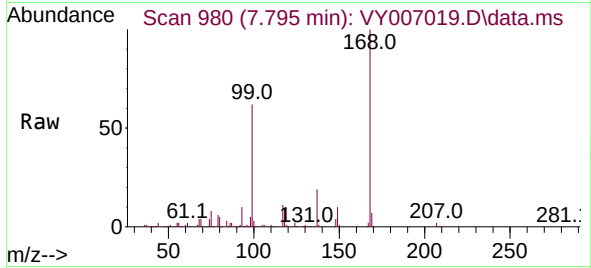




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

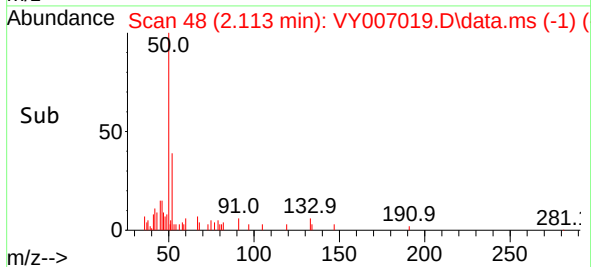
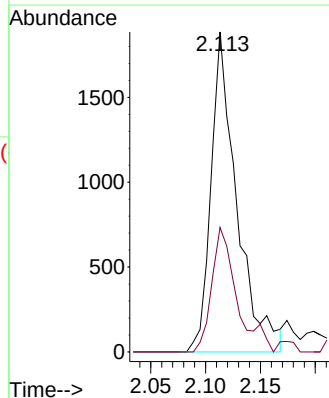
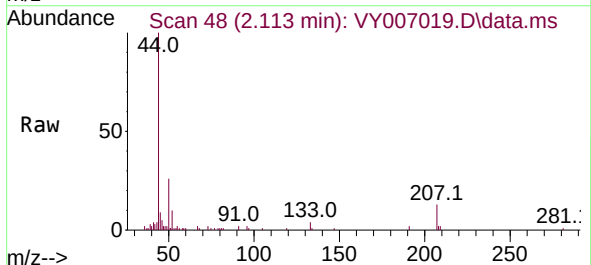
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

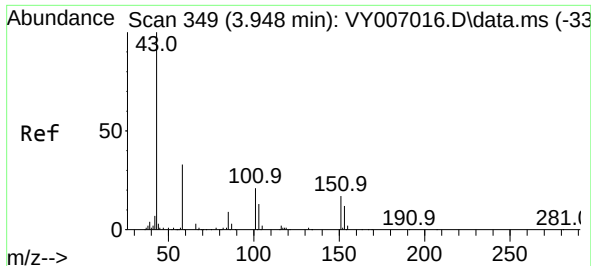
Tgt Ion:168 Resp: 136404
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#3
Chloromethane
Concen: 3.197 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

Tgt Ion: 50 Resp: 3075
Ion Ratio Lower Upper
50 100
52 38.9 25.8 38.8#





#16

Acetone

Concen: 11.448 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007019.D

Acq: 05 Jan 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

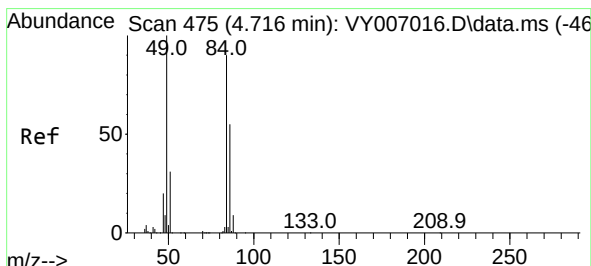
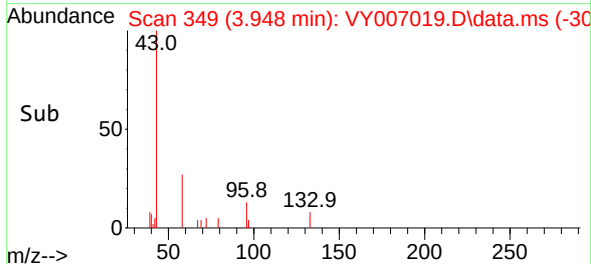
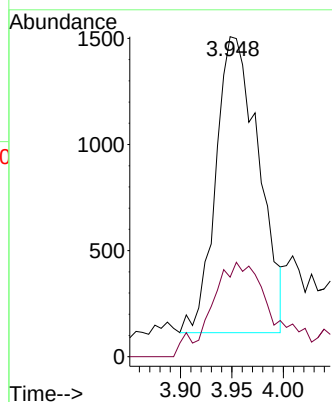
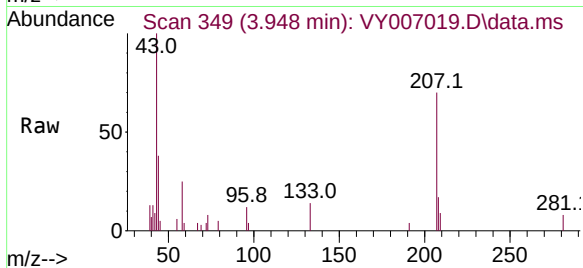
VIBLK

Tgt Ion: 43 Resp: 4061

Ion Ratio Lower Upper

43 100

58 22.3 26.3 39.5#



#20

Methylene Chloride

Concen: 1.698 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007019.D

Acq: 05 Jan 2022 14:44

Tgt Ion: 84 Resp: 28299

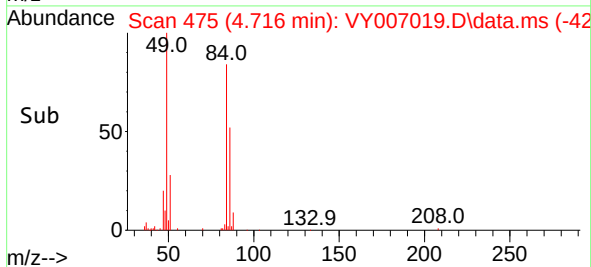
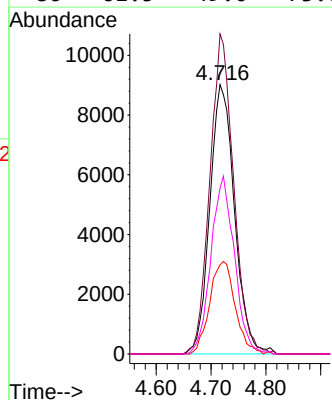
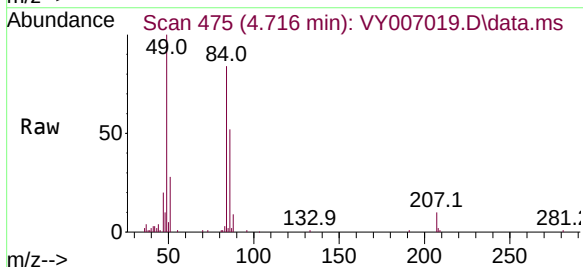
Ion Ratio Lower Upper

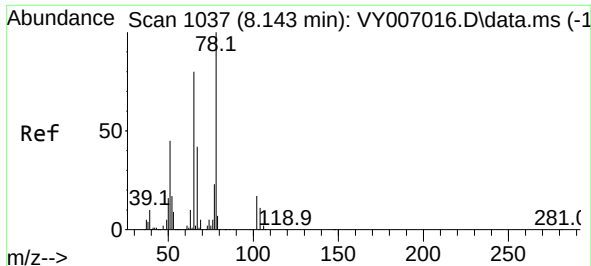
84 100

49 118.8 89.4 134.0

51 33.1 27.7 41.5

86 61.5 49.0 73.6





#33

1,2-Dichloroethane-d4

Concen: 54.253 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007019.D

Acq: 05 Jan 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

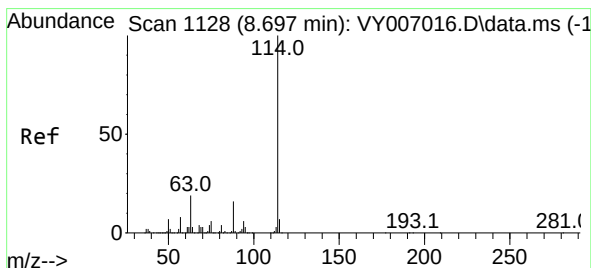
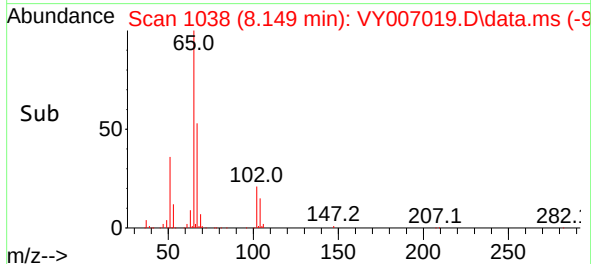
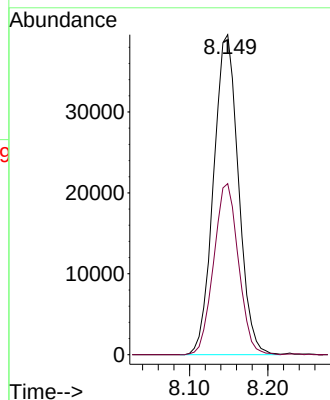
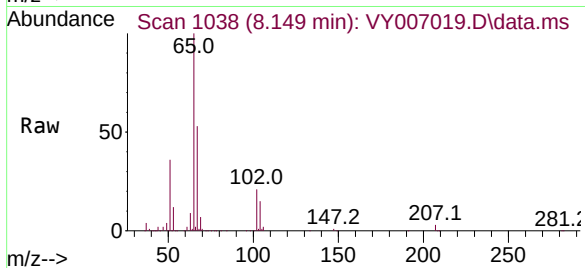
VIBLK

Tgt Ion: 65 Resp: 87354

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007019.D

Acq: 05 Jan 2022 14:44

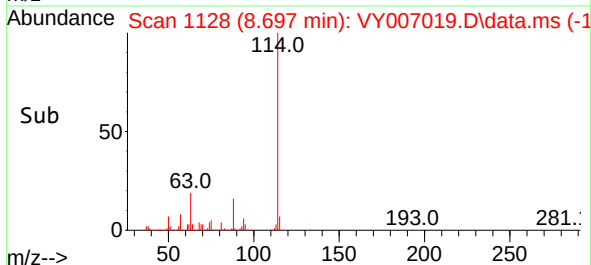
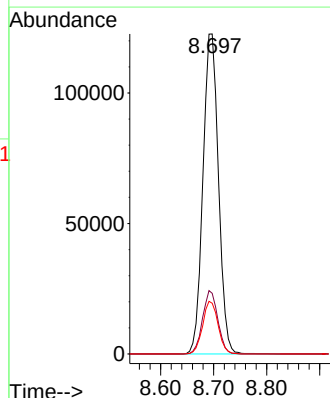
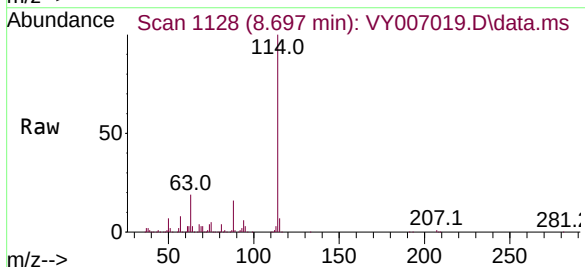
Tgt Ion: 114 Resp: 249143

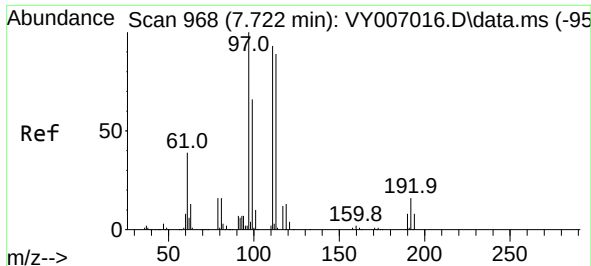
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.518 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY007019.D

Acq: 05 Jan 2022 14:44

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

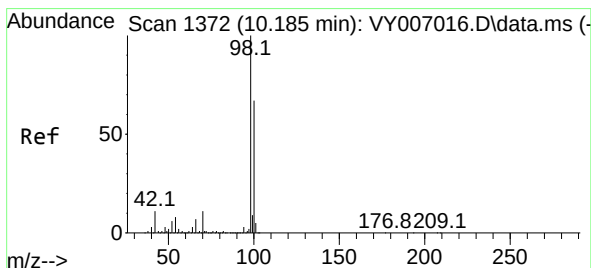
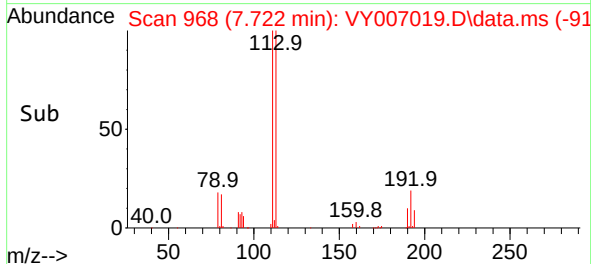
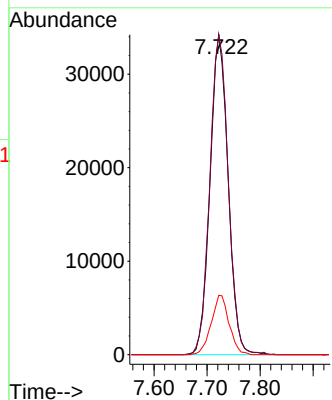
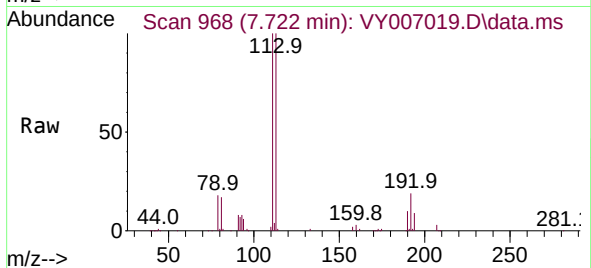
Tgt Ion:113 Resp: 81097

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

192 18.3 14.6 21.8



#50

Toluene-d8

Concen: 47.949 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY007019.D

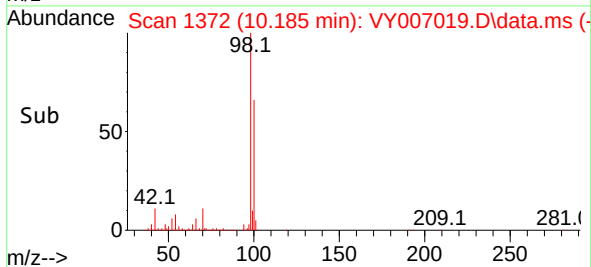
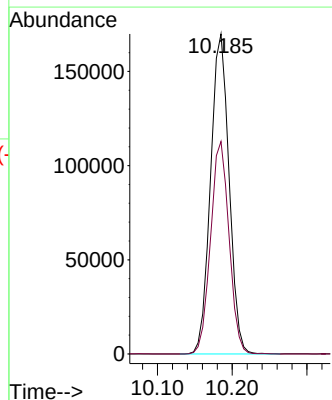
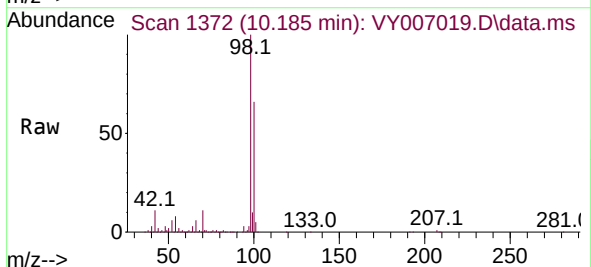
Acq: 05 Jan 2022 14:44

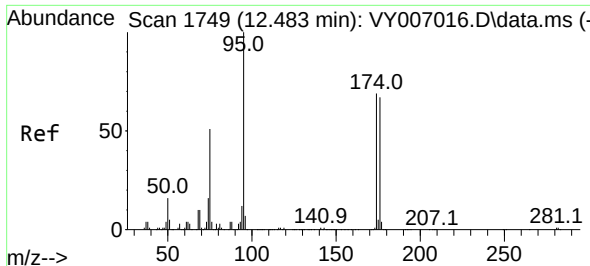
Tgt Ion: 98 Resp: 291763

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2

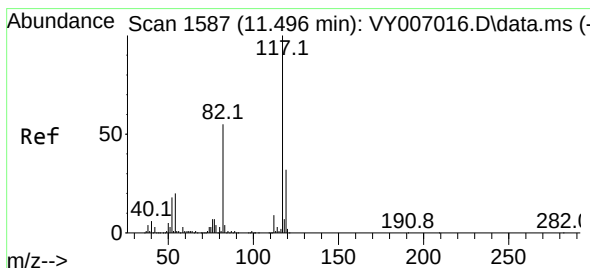
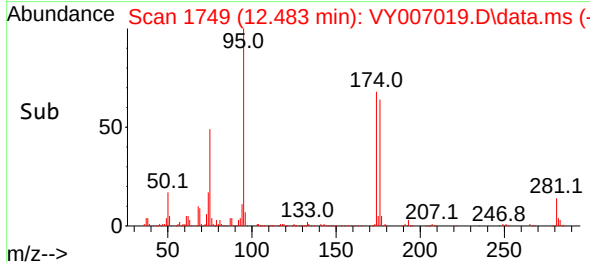
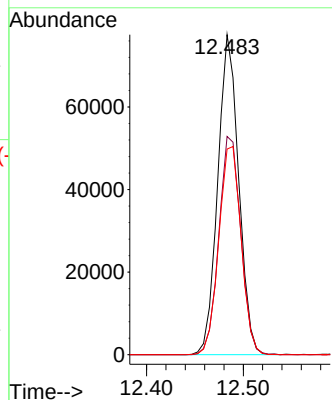
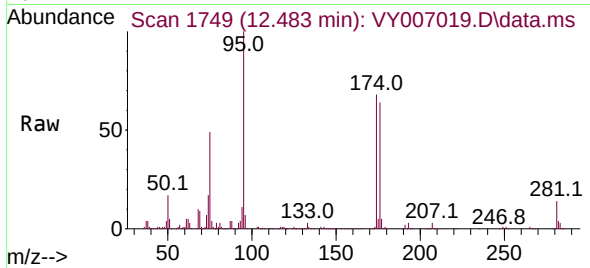




#62
4-Bromofluorobenzene
Concen: 50.666 ug/l
RT: 12.483 min Scan# 116107
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

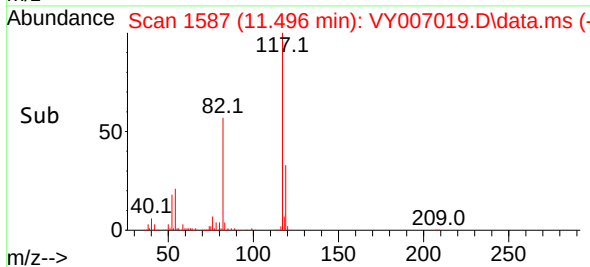
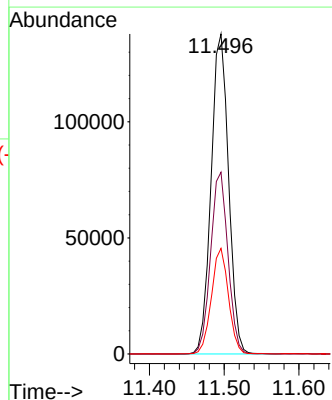
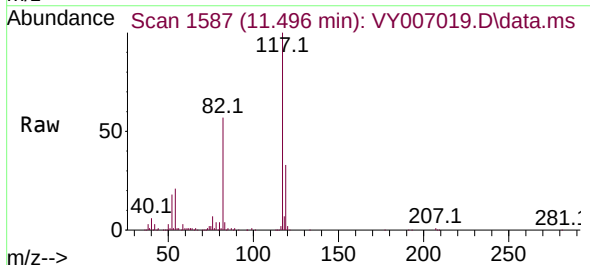
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

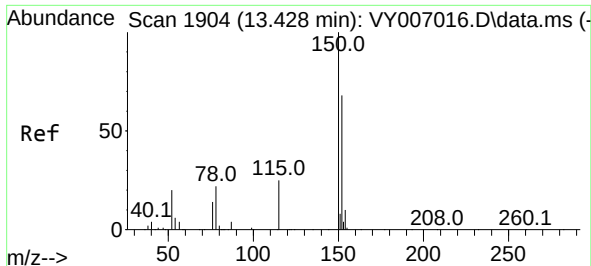
Tgt Ion: 95 Resp: 116107
Ion Ratio Lower Upper
95 100
174 71.4 0.0 144.6
176 69.5 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

Tgt Ion: 117 Resp: 224060
Ion Ratio Lower Upper
117 100
82 56.8 44.1 66.1
119 32.9 25.3 37.9

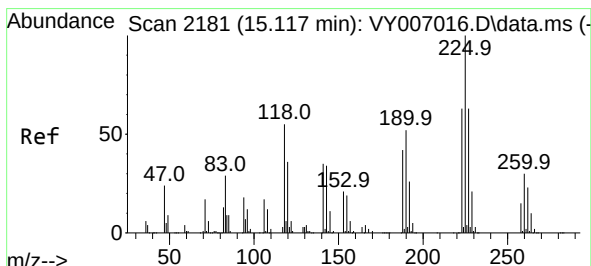
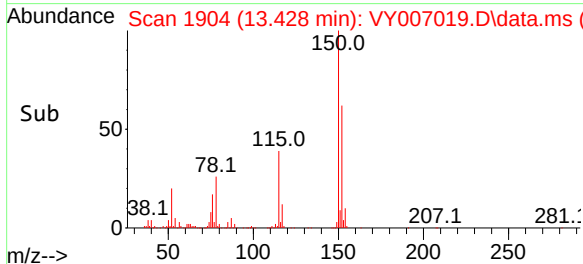
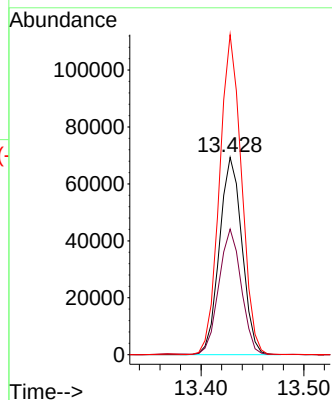
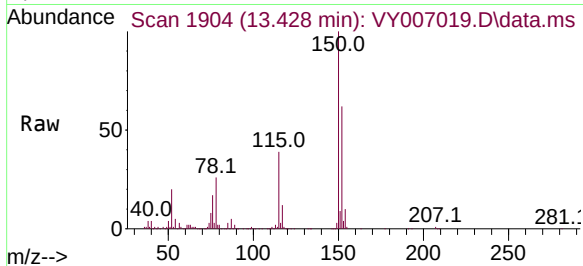




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

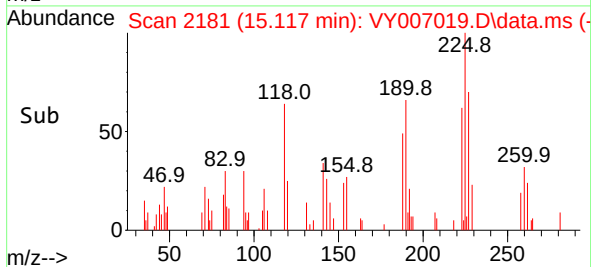
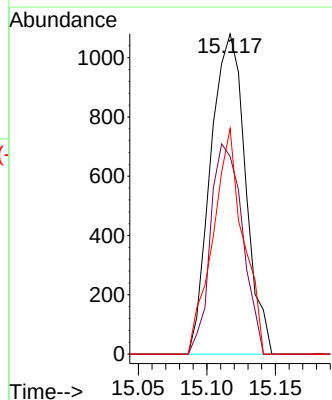
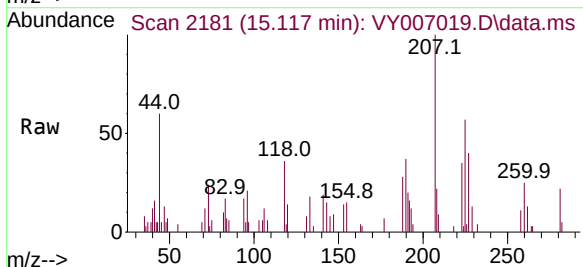
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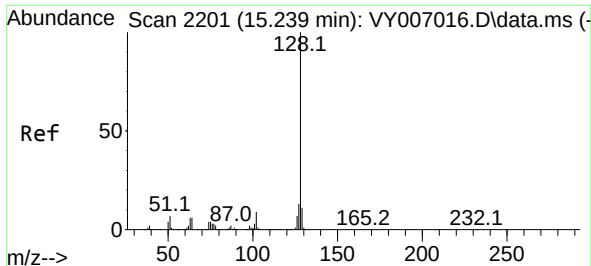
Tgt Ion:152 Resp: 105462
Ion Ratio Lower Upper
152 100
115 62.9 31.9 95.5
150 158.0 0.0 358.0



#94
Hexachlorobutadiene
Concen: 1.714 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

Tgt Ion:225 Resp: 1909
Ion Ratio Lower Upper
225 100
223 60.3 31.6 95.0
227 61.4 31.6 94.8

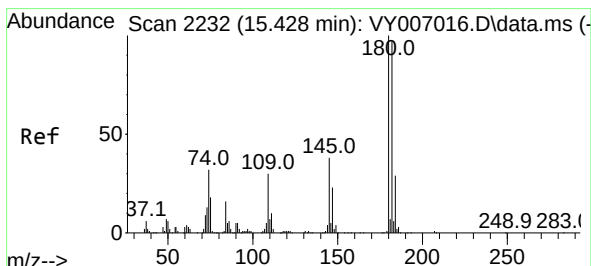
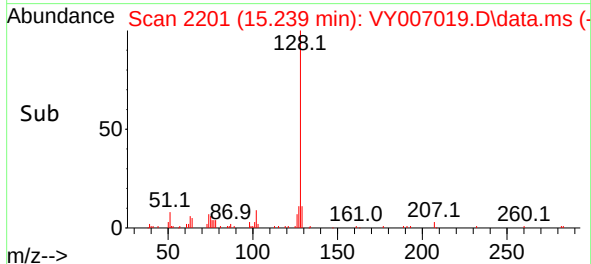
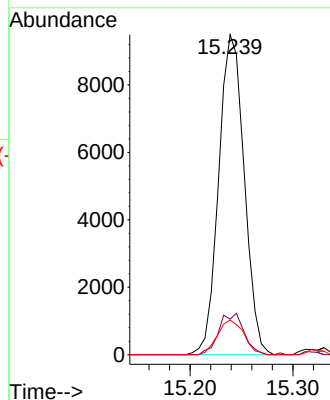
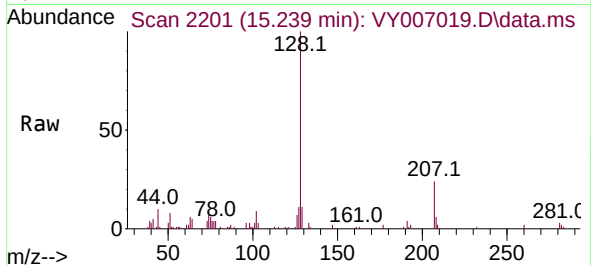




#95
Naphthalene
Concen: 3.444 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:	128	Resp:	16354
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.038 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY007019.D
Acq: 05 Jan 2022 14:44

Tgt Ion:	180	Resp:	5574
Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.9	140.7
145	36.3	18.0	54.0

