

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011162.D
 Acq On : 28 Oct 2022 17:18
 Operator : KP/MD
 Sample : N5316-07
 Misc : 12.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-GRAB-7-NE-QUARTER

Quant Time: Oct 28 23:46:34 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)

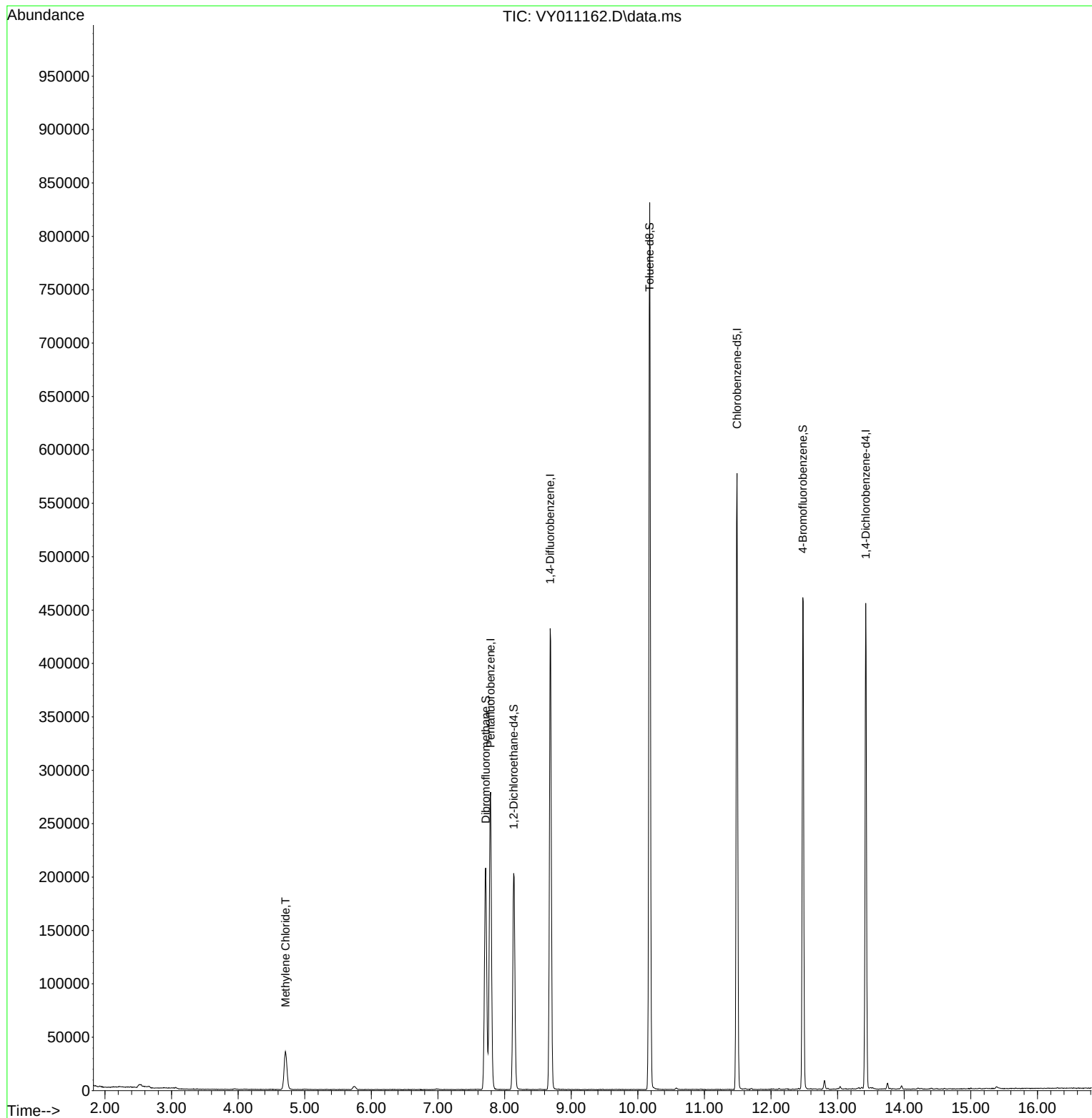
Internal Standards						
1) Pentafluorobenzene	7.789	168	221236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157354	68.785	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	137.580%	
35) Dibromofluoromethane	7.715	113	149229	63.961	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	127.920%	
50) Toluene-d8	10.178	98	543445	58.795	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	117.580%	
62) 4-Bromofluorobenzene	12.477	95	148525	49.109	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	98.220%	
Target Compounds						
20) Methylene Chloride	4.710	84	28089	6.248	ug/l	Qvalue # 84

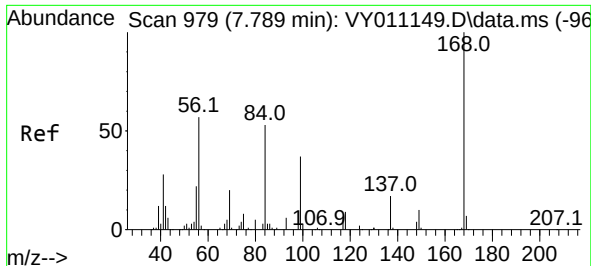
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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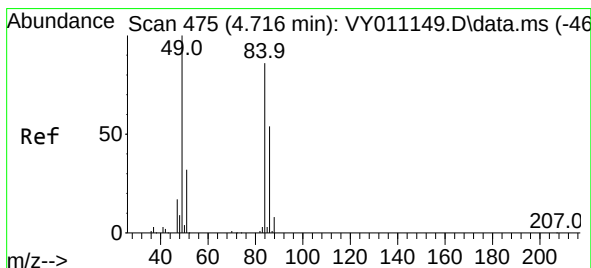
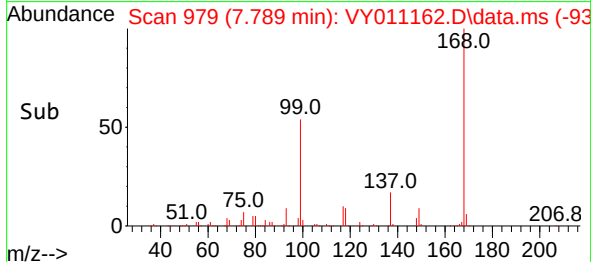
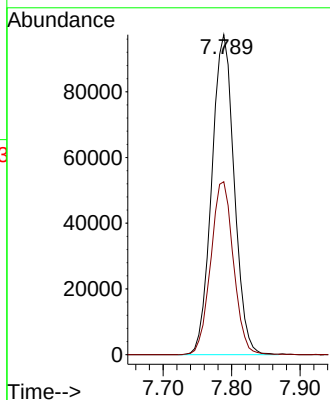
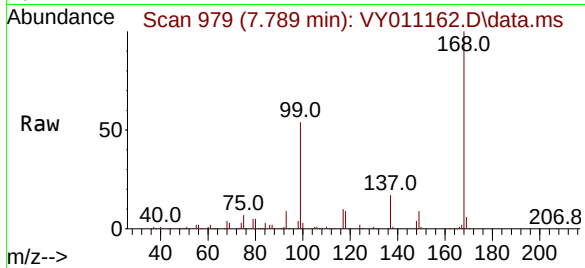




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

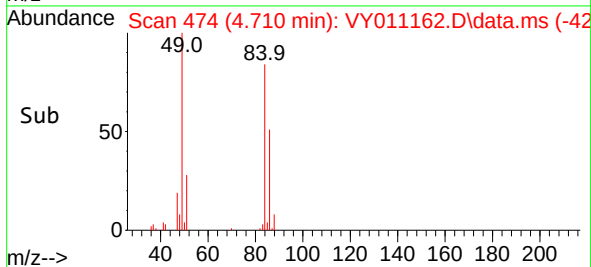
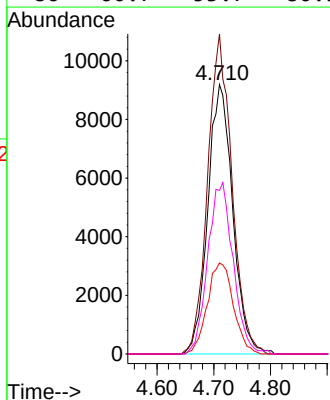
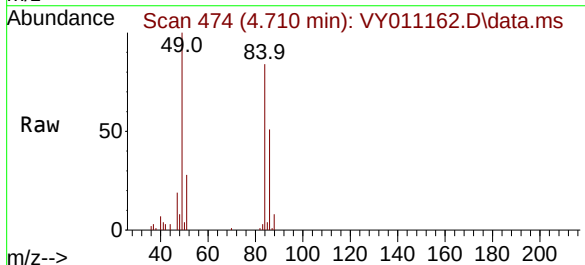
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-GRAB-7-NE-QUARTER

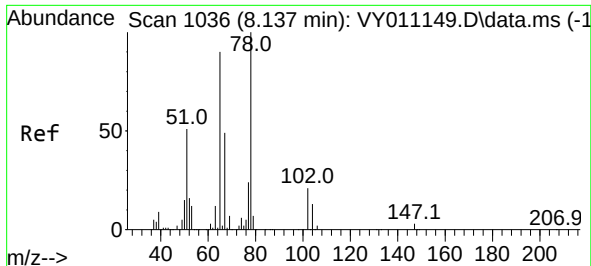
Tgt Ion:168 Resp: 221236
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#20
Methylene Chloride
Concen: 6.248 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 84 Resp: 28089
Ion Ratio Lower Upper
84 100
49 118.8 114.4 171.6
51 33.8 35.3 52.9#
86 60.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 68.785 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY011162.D

Acq: 28 Oct 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

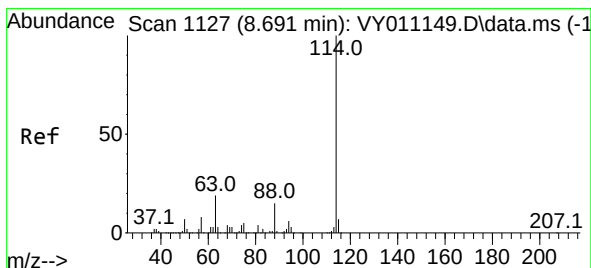
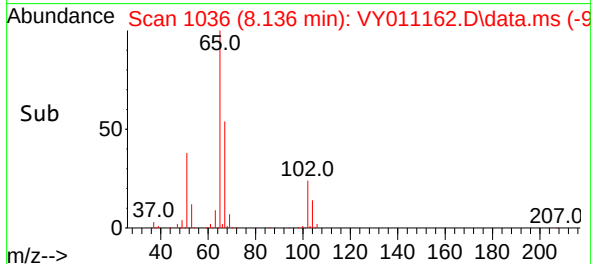
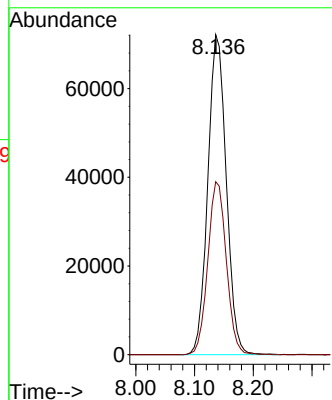
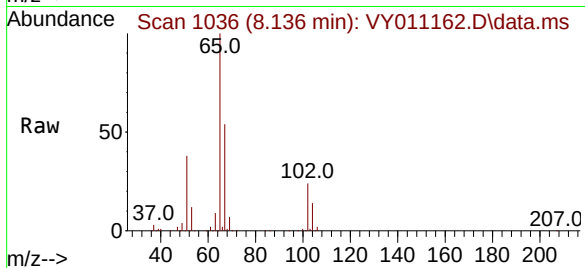
TOTAL-VOC-GRAB-7-NE-QUARTER

Tgt Ion: 65 Resp: 157354

Ion Ratio Lower Upper

65 100

67 54.2 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: VY011162.D

Acq: 28 Oct 2022 17:18

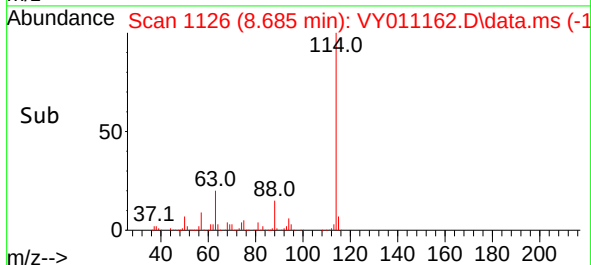
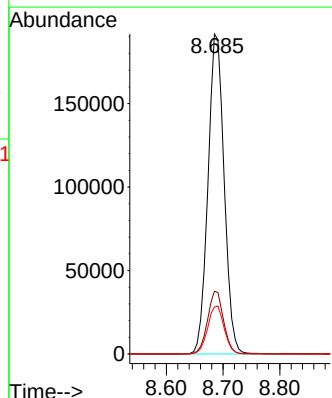
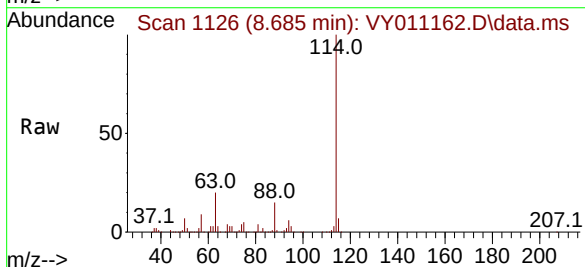
Tgt Ion: 114 Resp: 379393

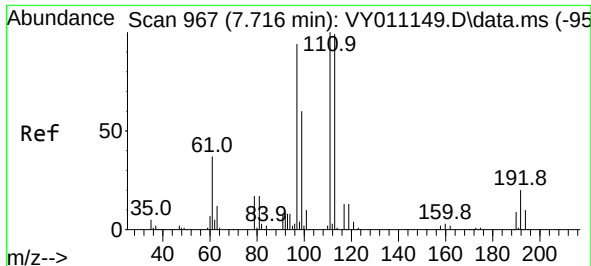
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.7 0.0 31.8

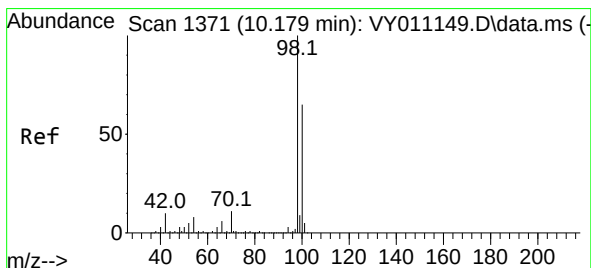
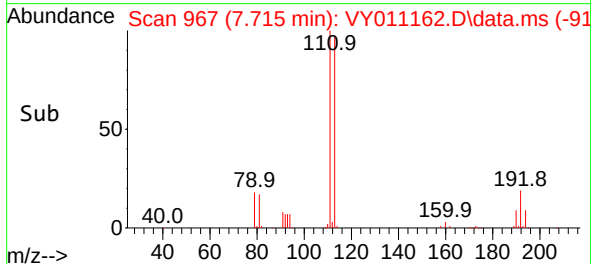
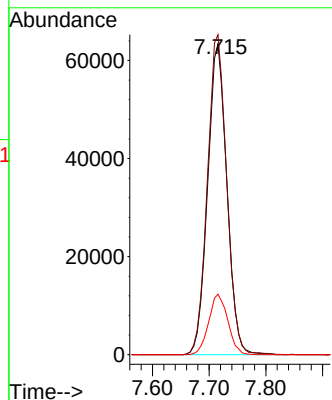
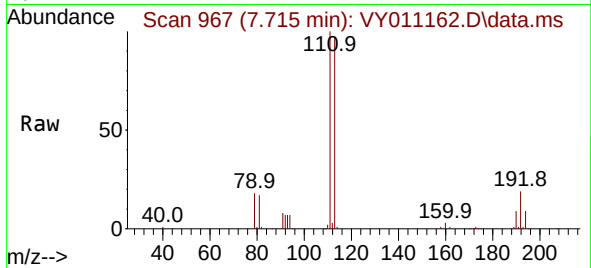




#35
Dibromofluoromethane
Concen: 63.961 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

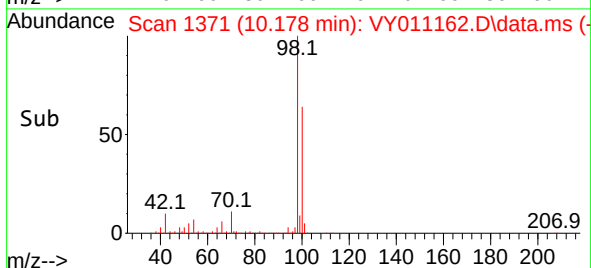
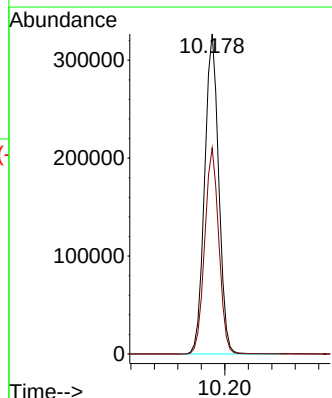
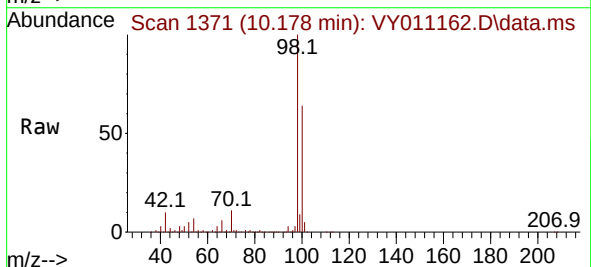
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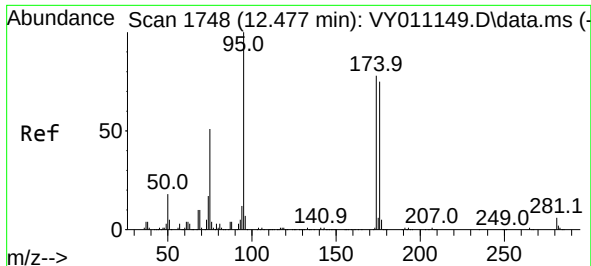
Tgt Ion:113 Resp: 149229
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 58.795 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 98 Resp: 543445
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

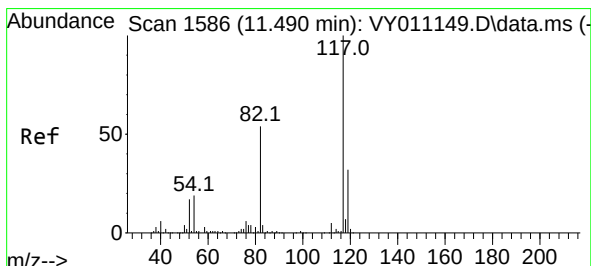
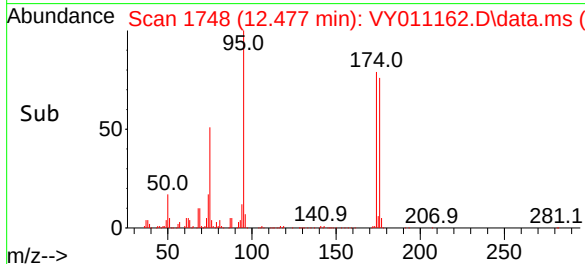
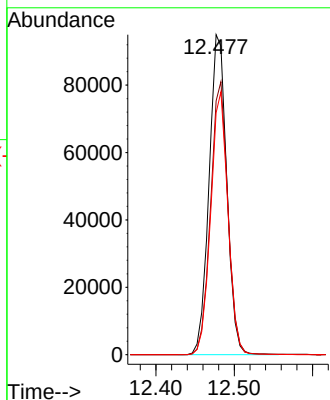
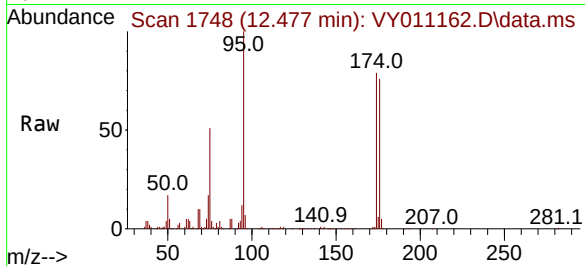




#62
4-Bromofluorobenzene
Concen: 49.109 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

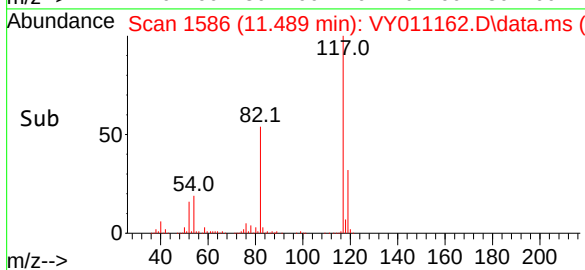
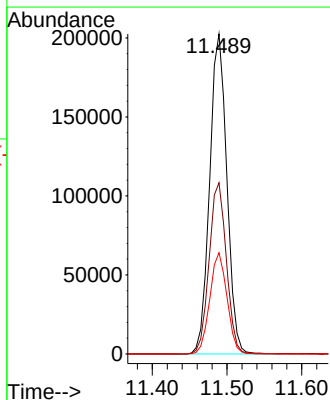
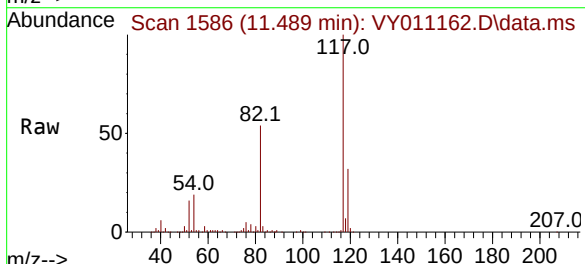
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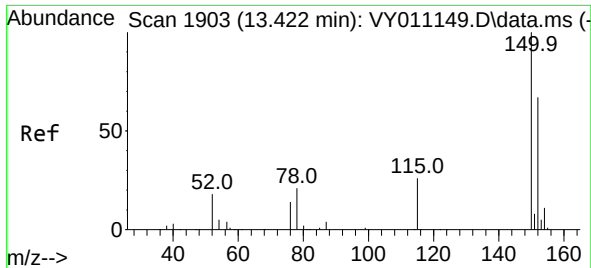
Tgt Ion: 95 Resp: 148525
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011162.D
Acq: 28 Oct 2022 17:18

Tgt Ion: 117 Resp: 323215
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.7 25.4 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: VY011162.D

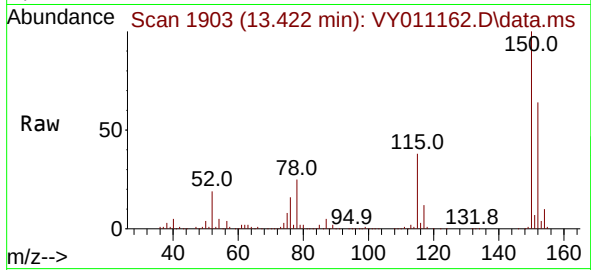
Acq: 28 Oct 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-GRAB-7-NE-QUARTER



Tgt Ion:152 Resp: 117327

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 156.9 0.0 347.6

