

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011307.D
 Acq On : 04 Nov 2022 19:02
 Operator : KP/MD
 Sample : N5310-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-9

Quant Time: Nov 07 01:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

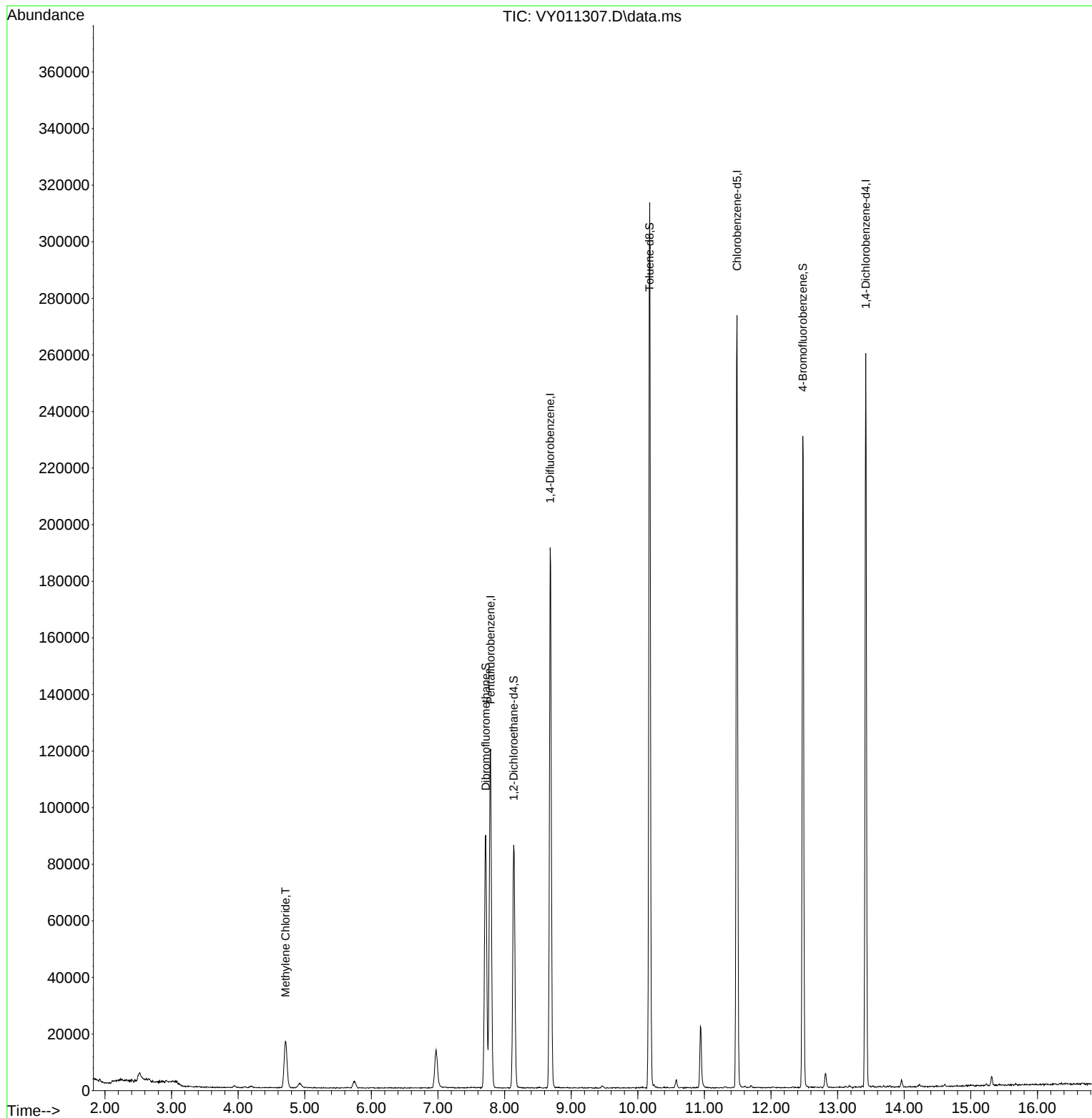
Internal Standards						
1) Pentafluorobenzene	7.789	168	96273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68203	66.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.480%	
35) Dibromofluoromethane	7.716	113	64671	60.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.500%	
50) Toluene-d8	10.179	98	208945	50.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.477	95	73550	50.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.680%	
Target Compounds						
20) Methylene Chloride	4.710	84	13674	6.370	ug/l	Qvalue # 78

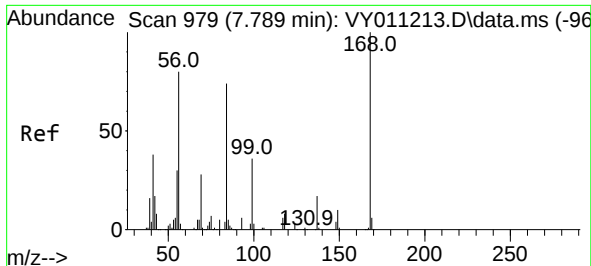
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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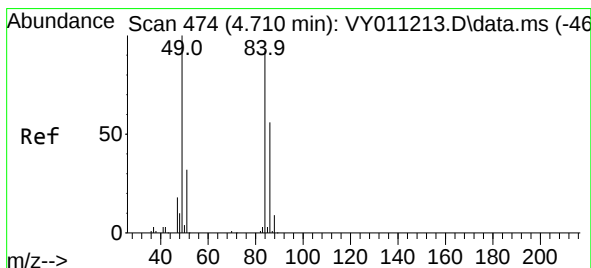
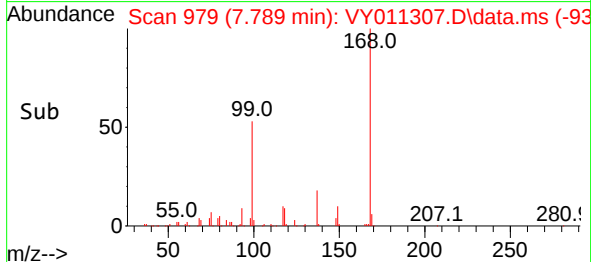
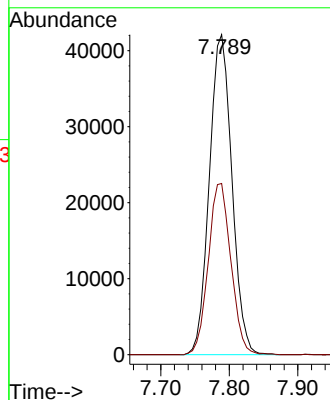
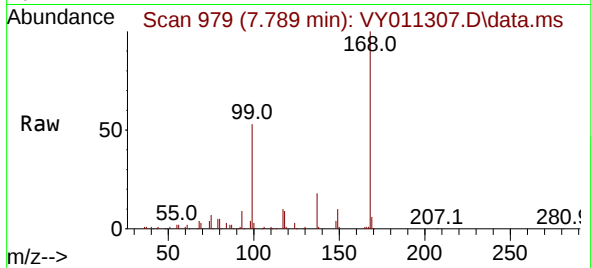




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

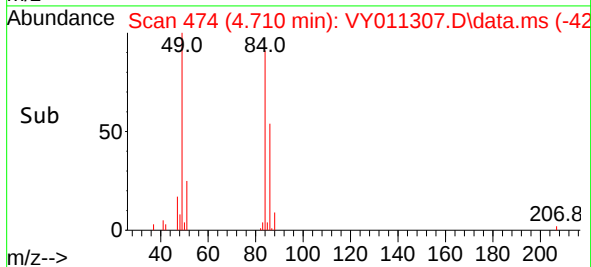
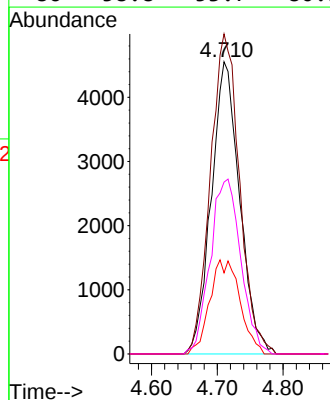
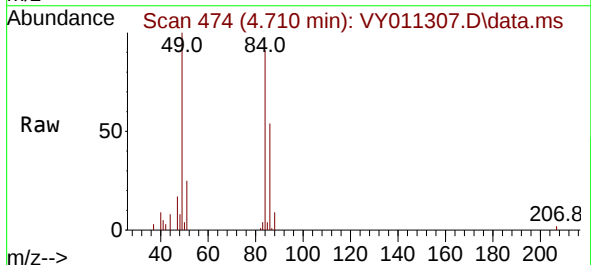
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-9

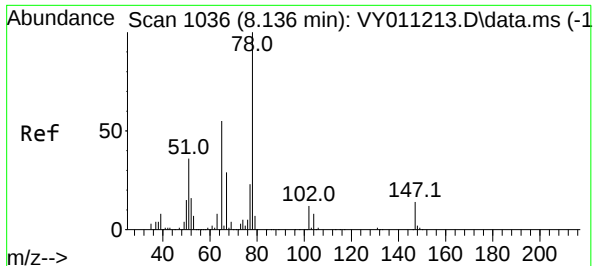
Tgt Ion:168 Resp: 96273
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#20
Methylene Chloride
Concen: 6.370 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 84 Resp: 13674
Ion Ratio Lower Upper
84 100
49 109.5 114.4 171.6#
51 27.8 35.3 52.9#
86 58.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 66.239 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011307.D

Acq: 04 Nov 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

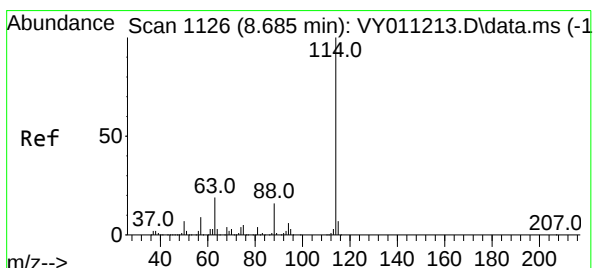
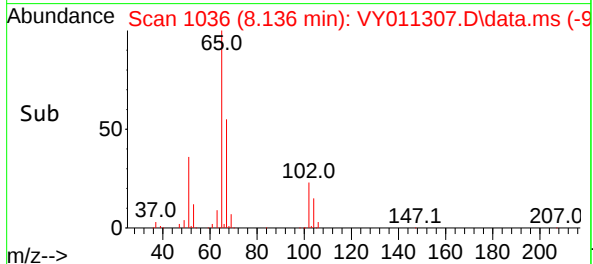
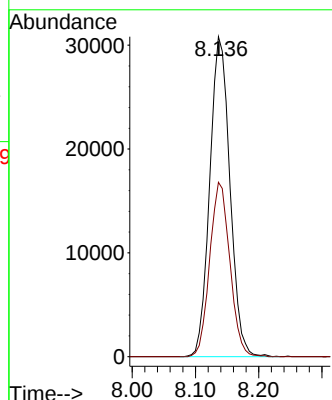
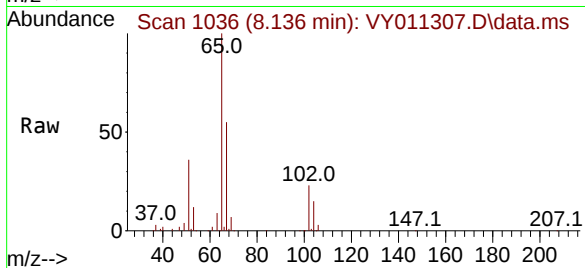
BIN 1-2-(2840)-VOC-9

Tgt Ion: 65 Resp: 68203

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011307.D

Acq: 04 Nov 2022 19:02

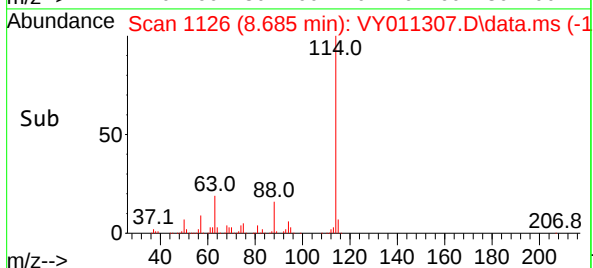
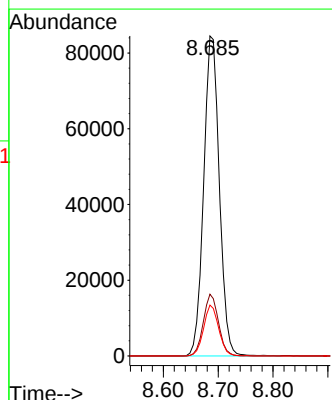
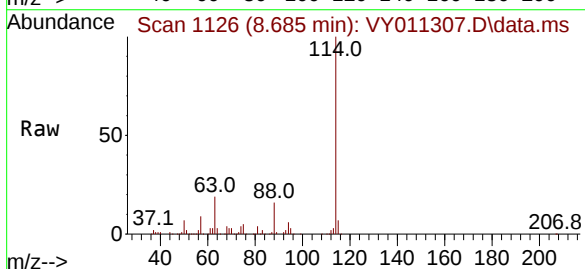
Tgt Ion: 114 Resp: 167063

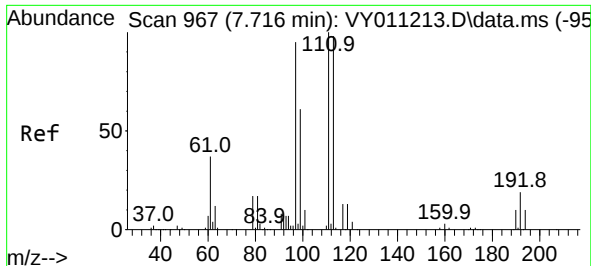
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.9 0.0 31.8

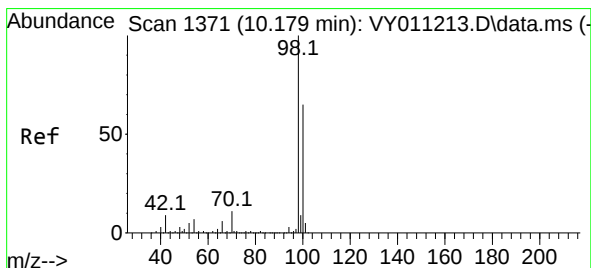
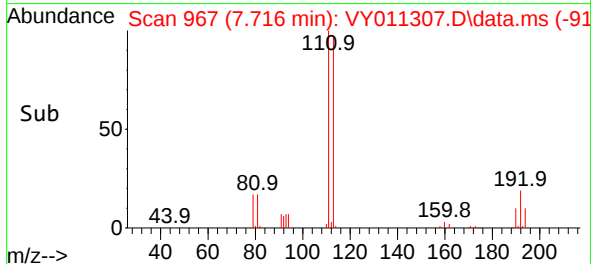
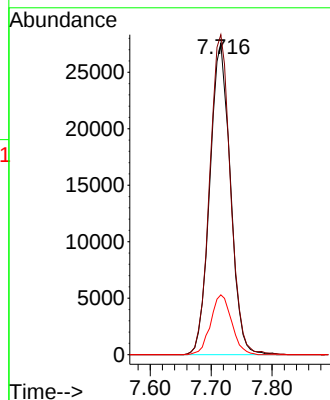
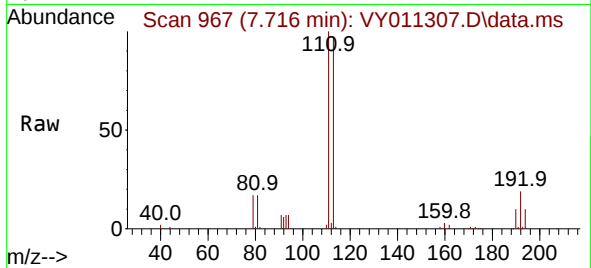




#35
Dibromofluoromethane
Concen: 60.250 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

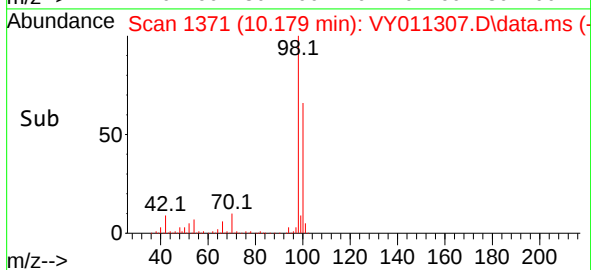
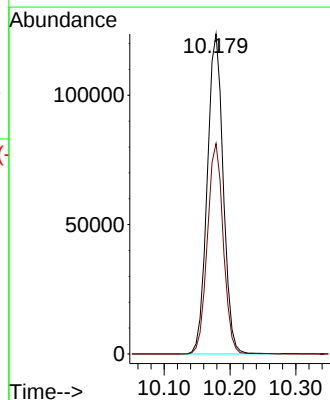
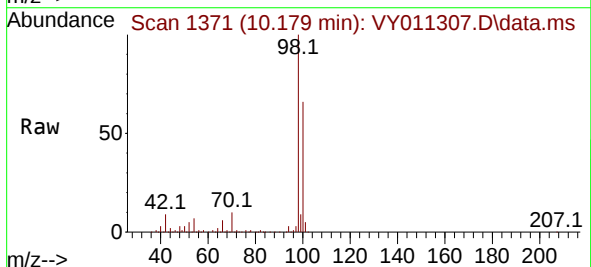
Instrument :
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BIN 1-2-(2840)-VOC-9

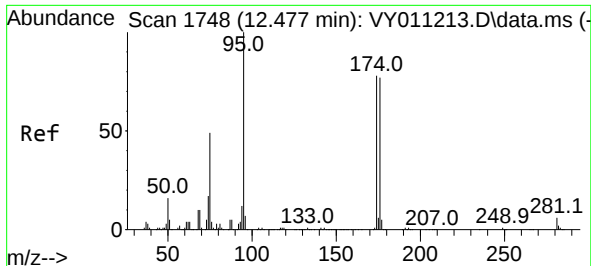
Tgt Ion:113 Resp: 64671
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 19.7 17.6 26.4



#50
Toluene-d8
Concen: 50.137 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion: 98 Resp: 208945
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

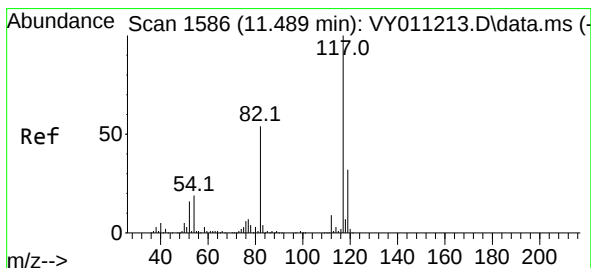
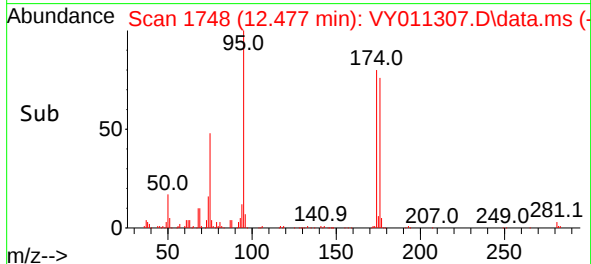
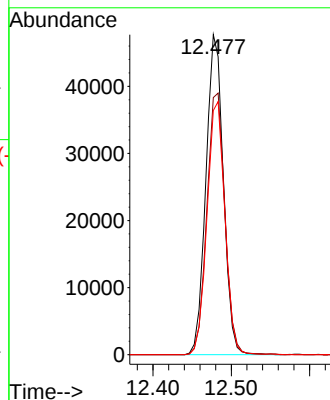
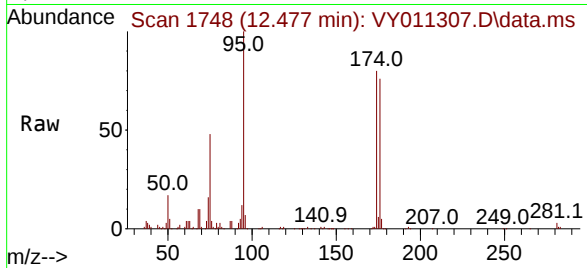




#62
4-Bromofluorobenzene
Concen: 50.837 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

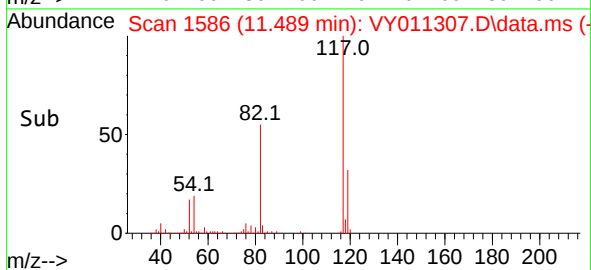
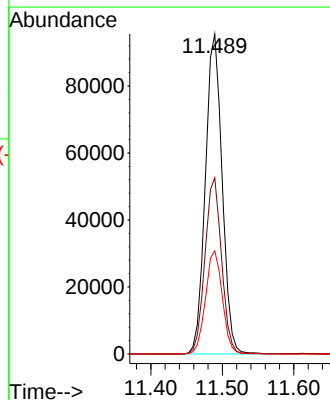
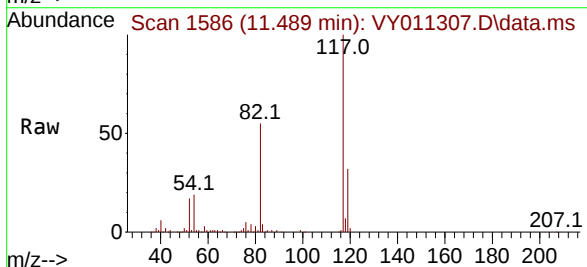
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ClientSampleId :
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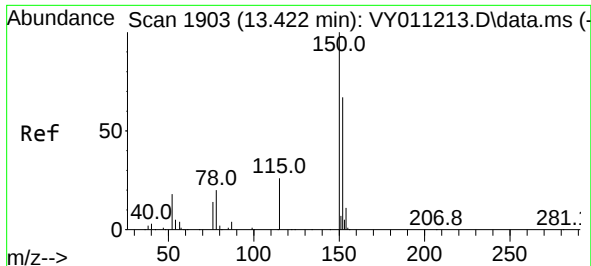
Tgt Ion:	95	Resp:	73550
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	177.0
176	81.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011307.D
Acq: 04 Nov 2022 19:02

Tgt Ion:	117	Resp:	155684
Ion Ratio	Lower	Upper	
117	100		
82	55.1	43.0	64.4
119	32.2	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: VY011307.D
 Acq: 04 Nov 2022 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-9

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	155.8	0.0	347.6

