

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016249.D
 Acq On : 07 Nov 2023 16:41
 Operator : SY/MD
 Sample : 05292-03
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CORONA

Quant Time: Nov 07 23:44:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

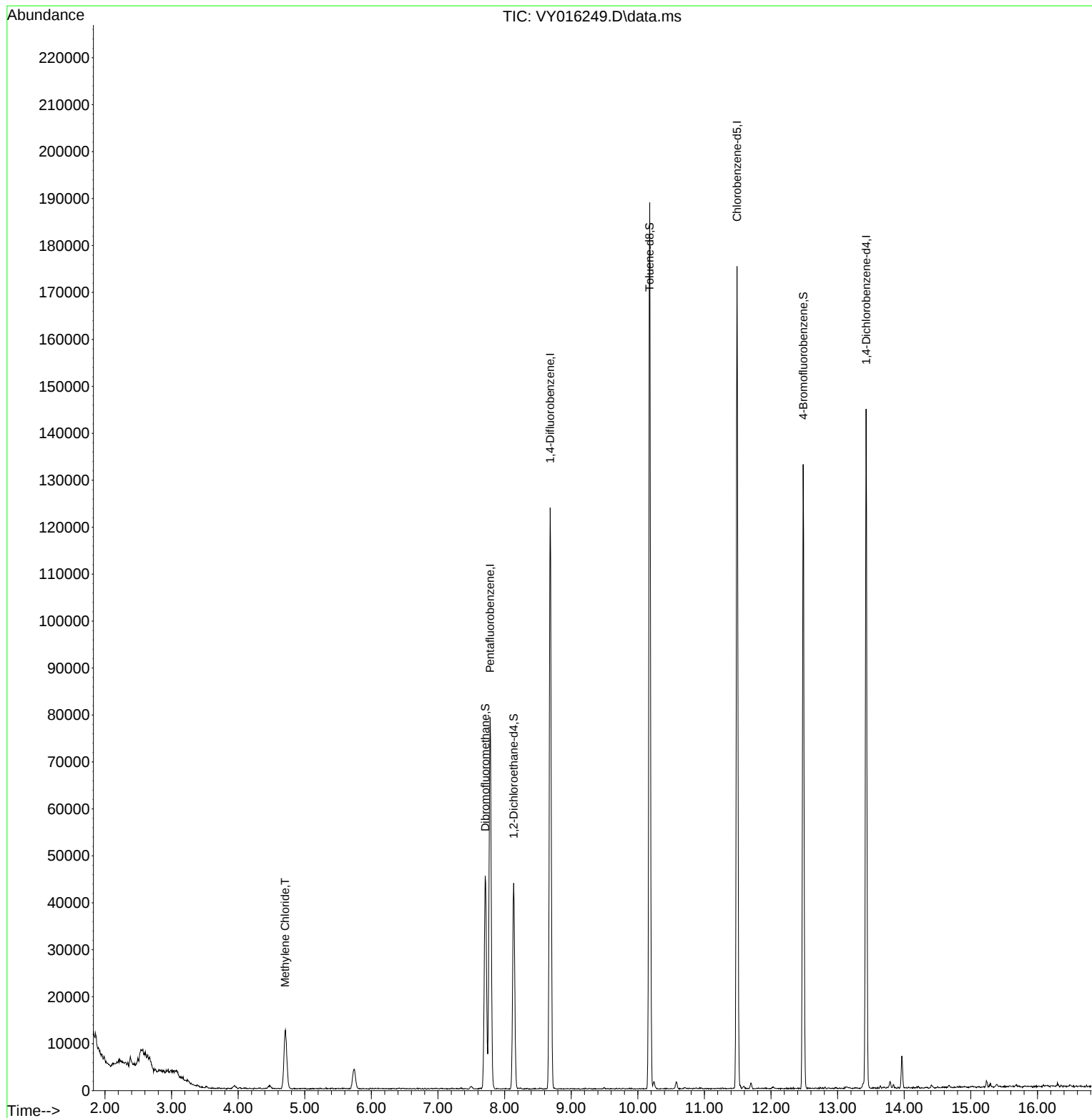
Internal Standards						
1) Pentafluorobenzene	7.783	168	63370	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.685	114	109720	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	97074	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	37041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34020	57.372	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.740%
35) Dibromofluoromethane	7.710	113	32853	50.225	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.179	98	124545	48.023	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.483	95	38512	43.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.860%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	9550	13.618	ug/l	92

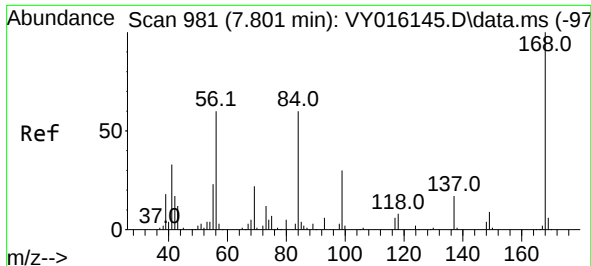
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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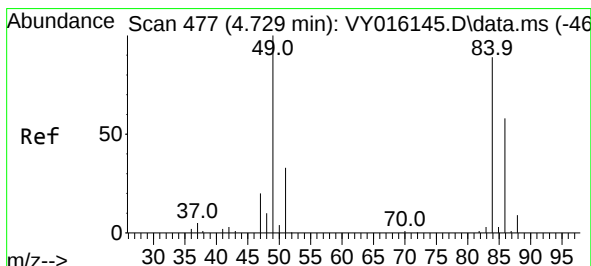
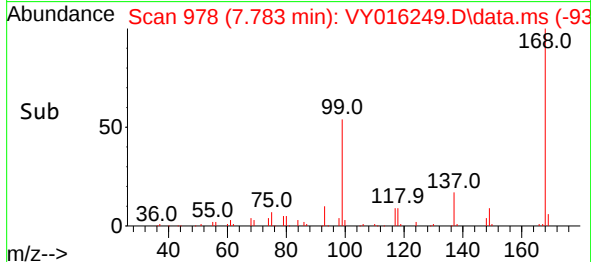
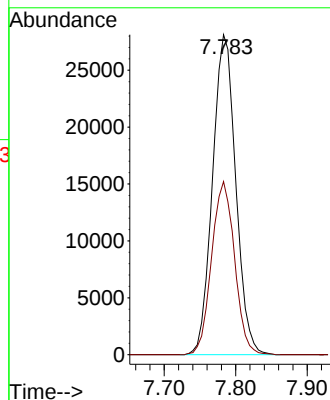
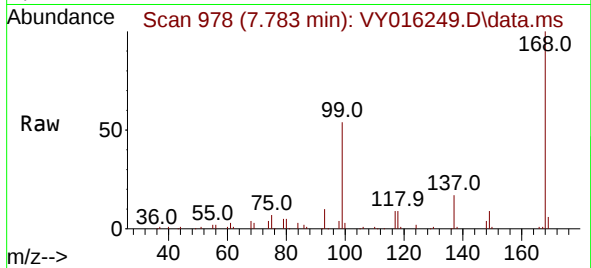




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

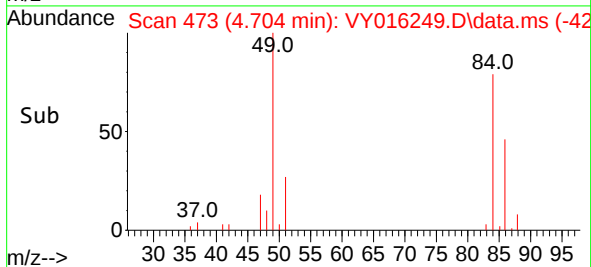
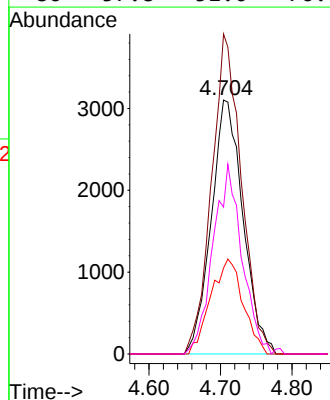
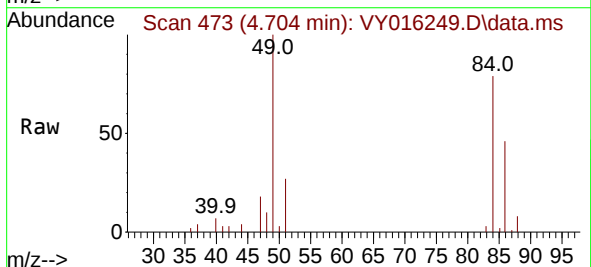
Instrument :
MSVOA_Y
ClientSampleId :
CORONA

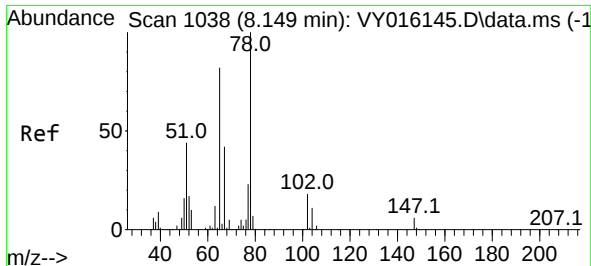
Tgt Ion:168 Resp: 63370
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#20
Methylene Chloride
Concen: 13.618 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.025 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 84 Resp: 9550
Ion Ratio Lower Upper
84 100
49 126.0 106.9 160.3
51 33.8 33.2 49.8
86 57.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.372 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016249.D

Acq: 07 Nov 2023 16:41

Instrument :

MSVOA_Y

ClientSampleId :

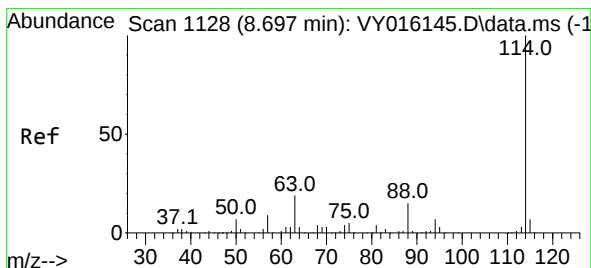
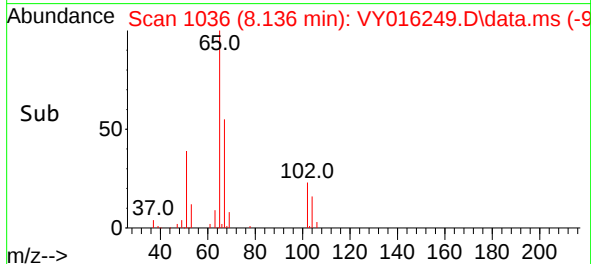
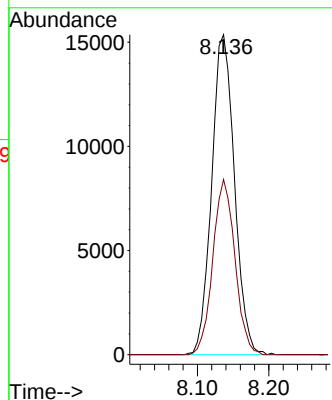
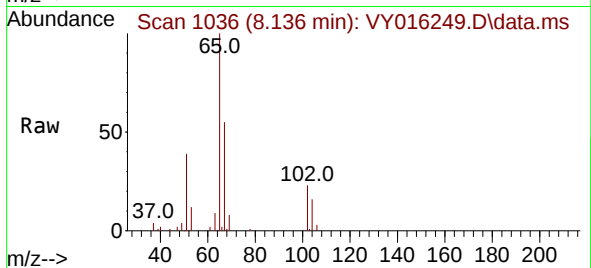
CORONA

Tgt Ion: 65 Resp: 34020

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY016249.D

Acq: 07 Nov 2023 16:41

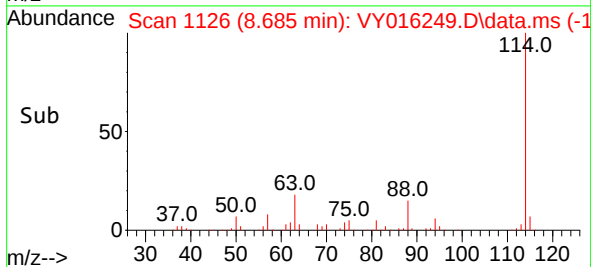
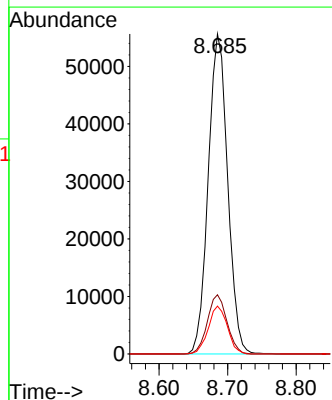
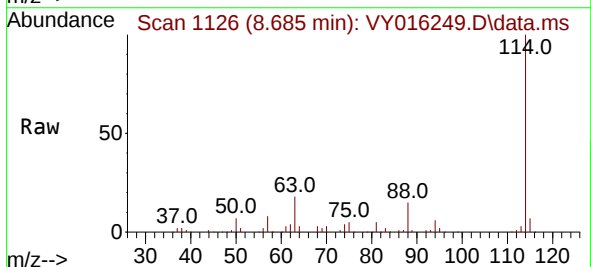
Tgt Ion: 114 Resp: 109720

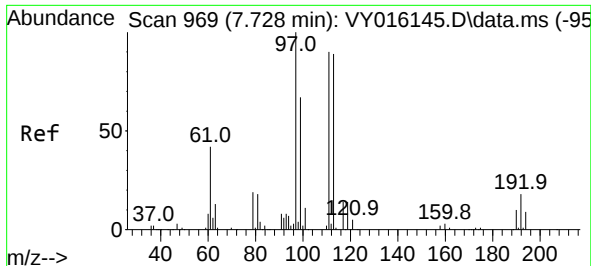
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.9 0.0 30.6

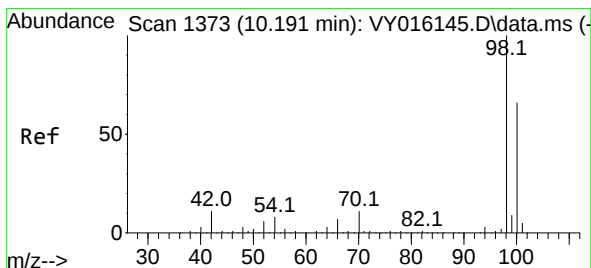
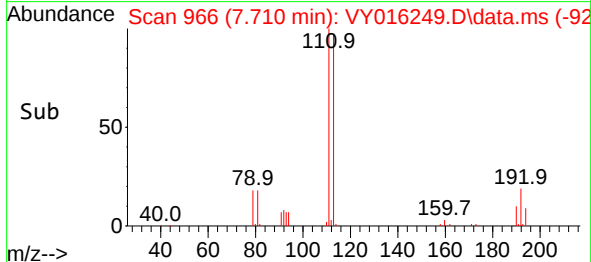
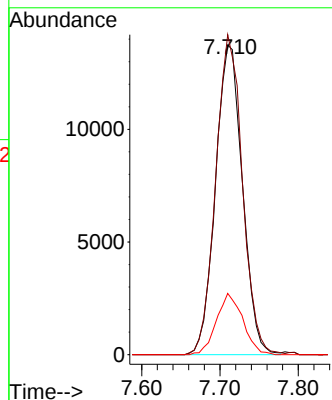
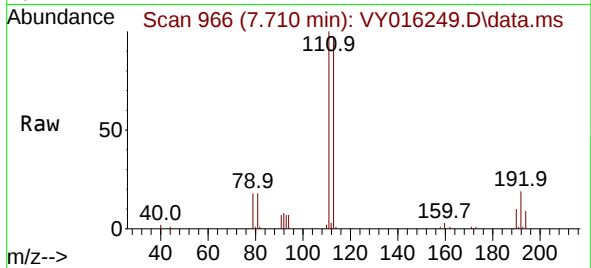




#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

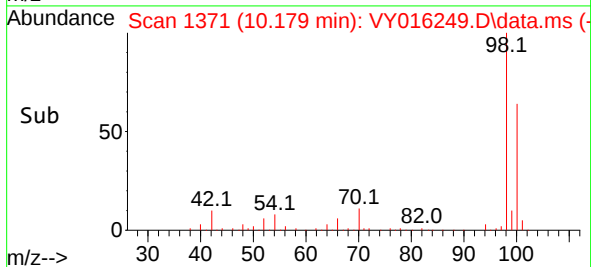
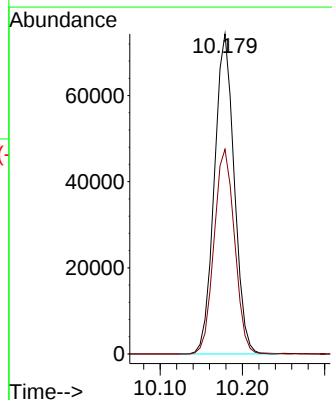
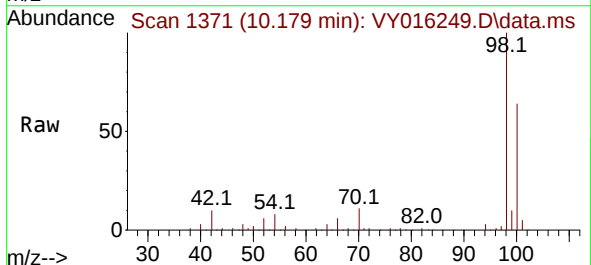
Instrument :
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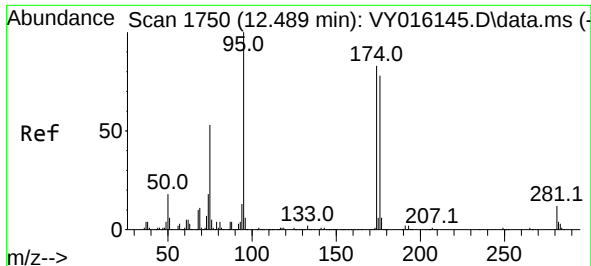
Tgt Ion:113 Resp: 32853
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 98 Resp: 124545
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

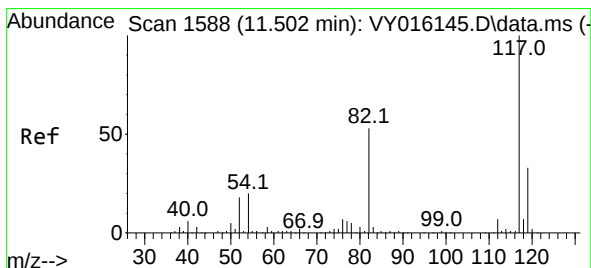
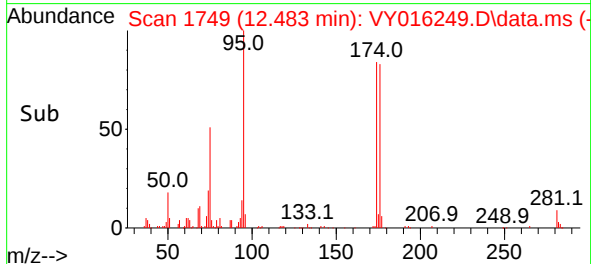
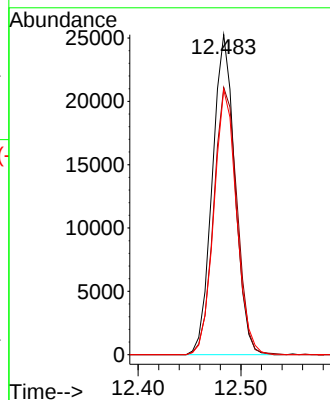
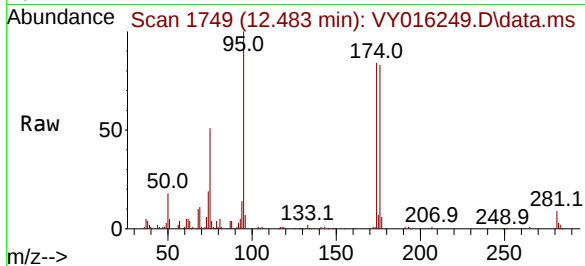




#62
4-Bromofluorobenzene
Concen: 43.427 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

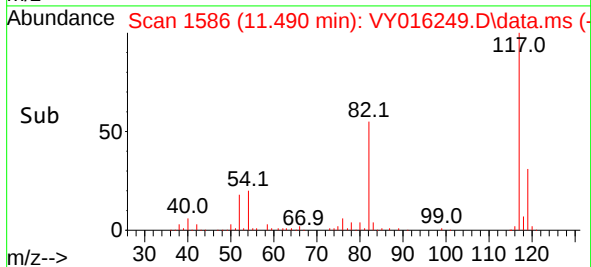
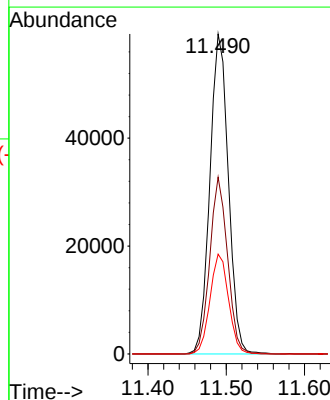
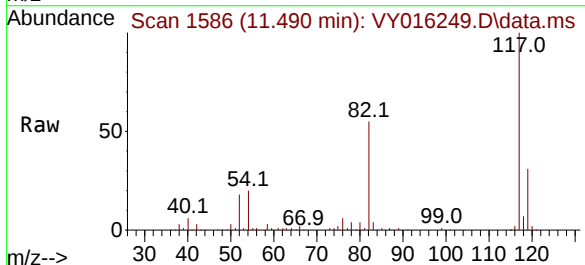
Instrument :
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ClientSampleId :
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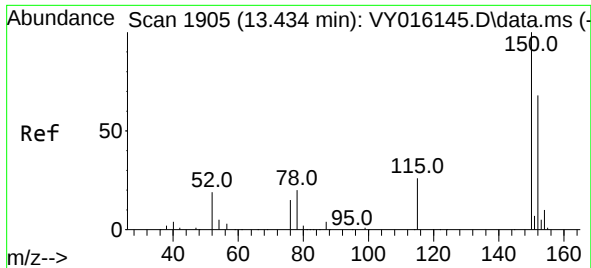
Tgt Ion: 95 Resp: 38512
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016249.D
Acq: 07 Nov 2023 16:41

Tgt Ion: 117 Resp: 97074
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016249.D
 Acq: 07 Nov 2023 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 CORONA

Tgt Ion:152 Resp: 37041
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 159.9 0.0 348.8

