

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016035.D
 Acq On : 19 Oct 2023 13:57
 Operator : SY/MD
 Sample : VY1019SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBL01

Quant Time: Oct 20 05:35:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

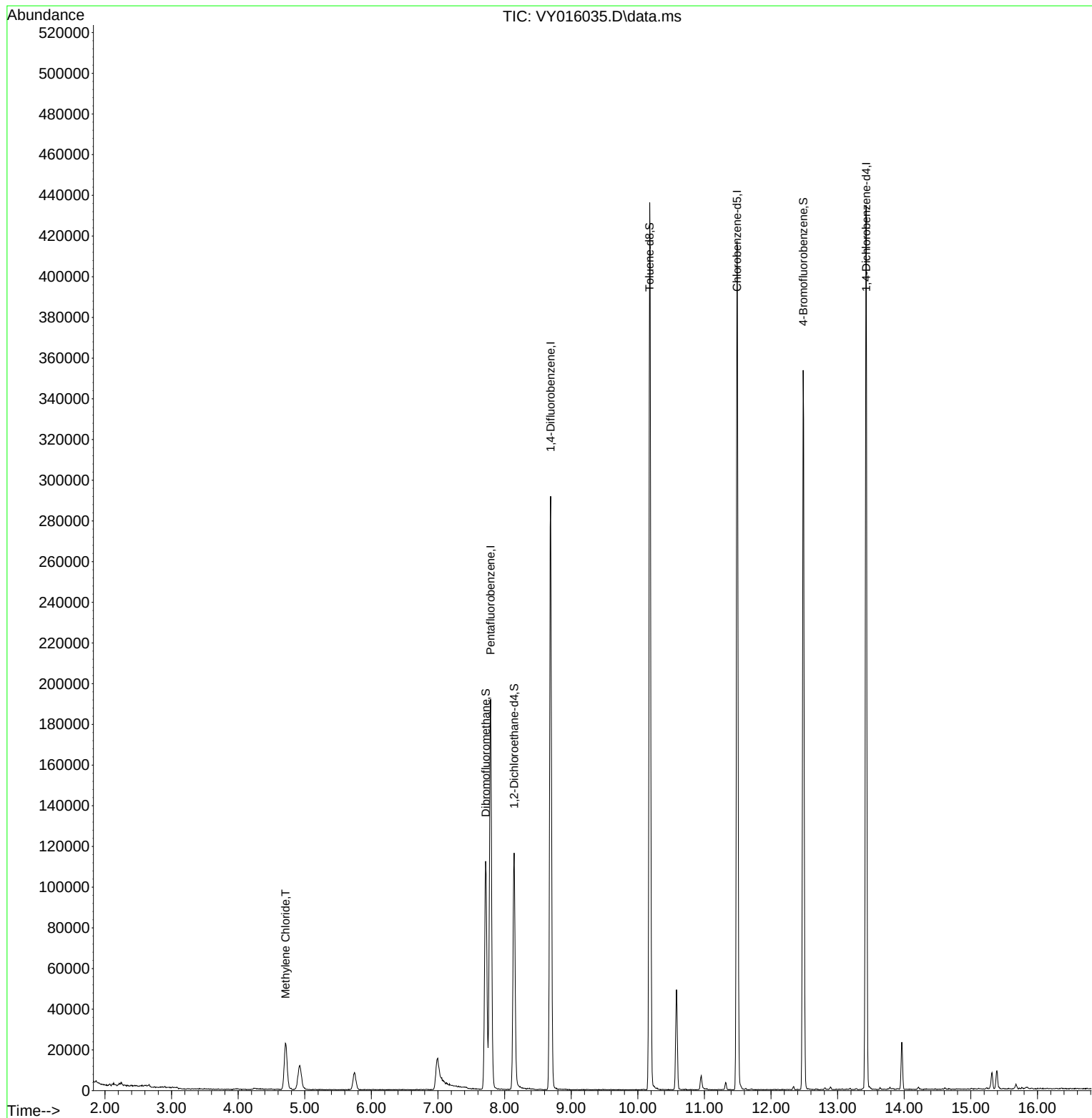
Internal Standards						
1) Pentafluorobenzene	7.789	168	152380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94625	54.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.280%
35) Dibromofluoromethane	7.715	113	81962	49.101	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.200%
50) Toluene-d8	10.178	98	294122	48.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.483	95	99716	46.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.200%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	18378	9.636	ug/l	# 84

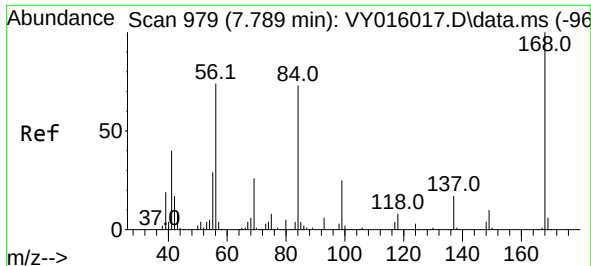
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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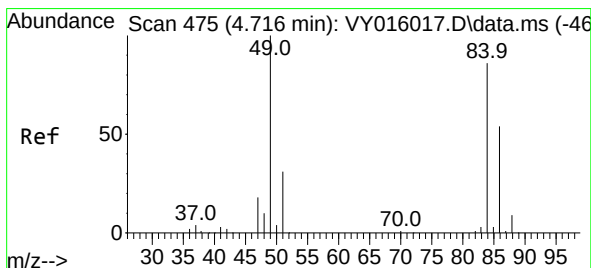
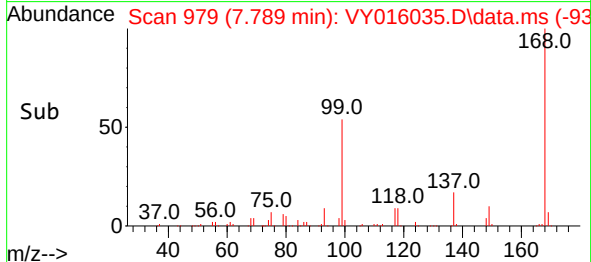
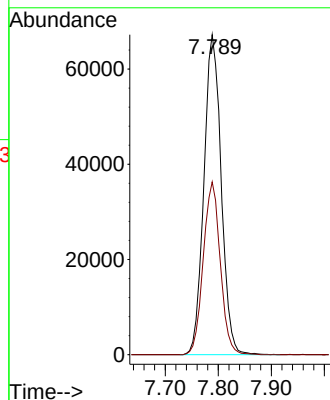
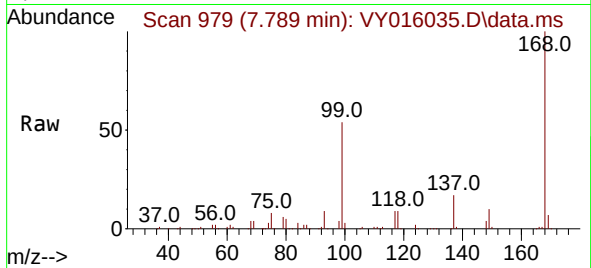




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

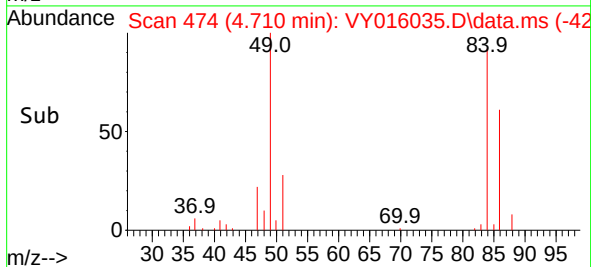
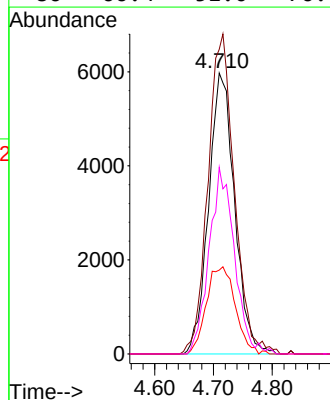
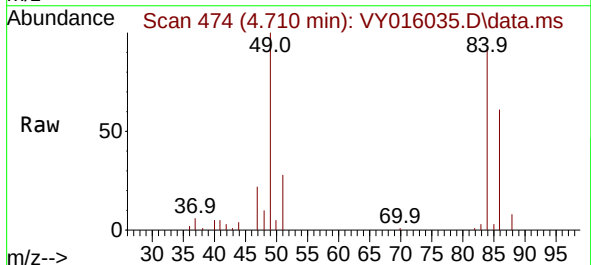
Instrument :
MSVOA_Y
ClientSampleId :
VY1019SBL01

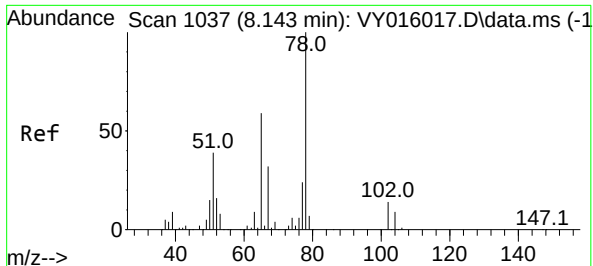
Tgt Ion:168 Resp: 152380
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#20
Methylene Chloride
Concen: 9.636 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

Tgt Ion: 84 Resp: 18378
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 29.8 33.2 49.8#
86 66.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.636 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

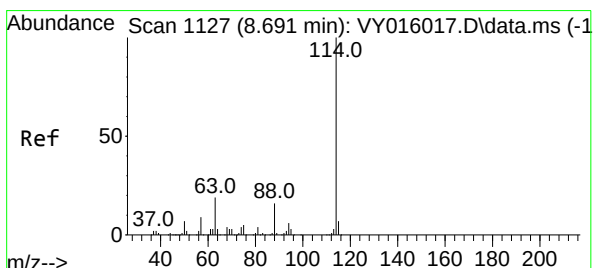
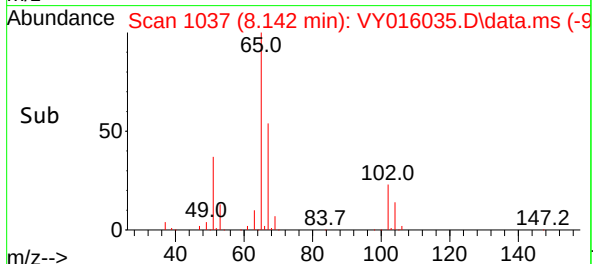
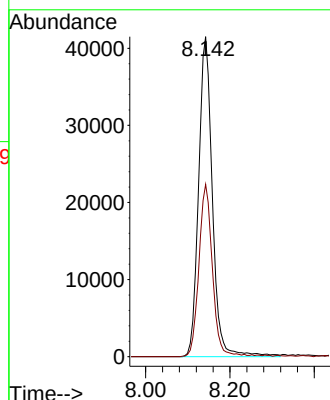
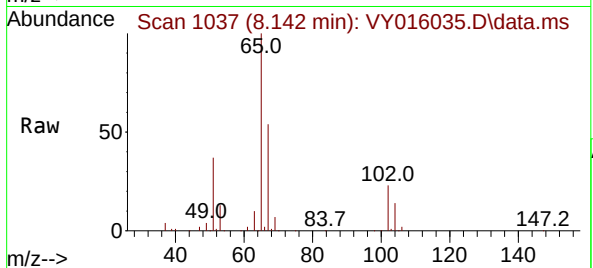
VY1019SBL01

Tgt Ion: 65 Resp: 94625

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

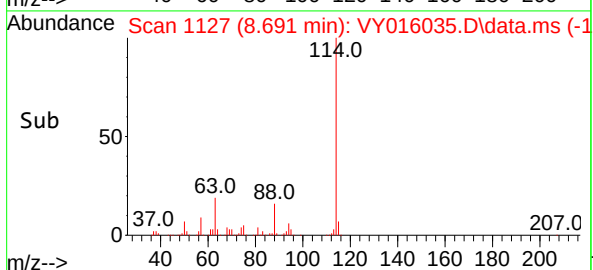
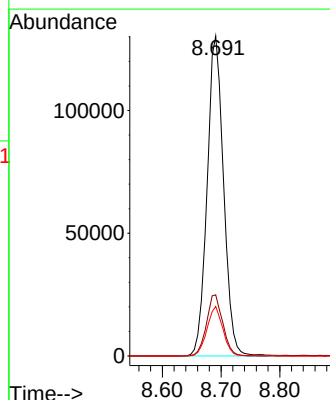
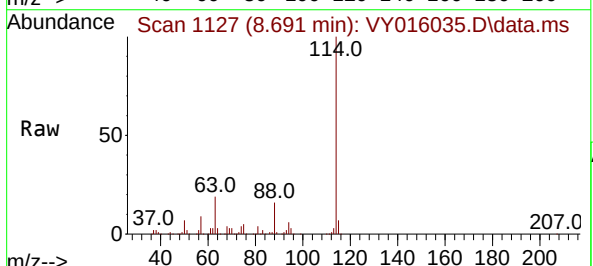
Tgt Ion: 114 Resp: 253604

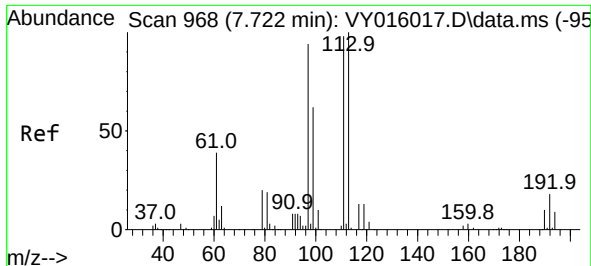
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.101 ug/l

RT: 7.715 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016035.D

Acq: 19 Oct 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1019SBL01

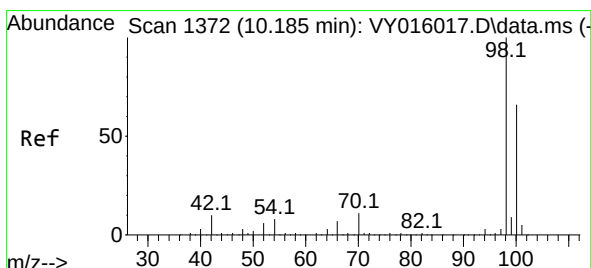
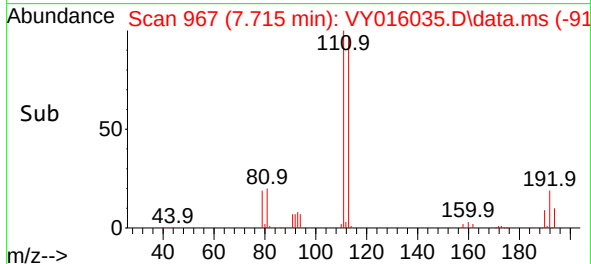
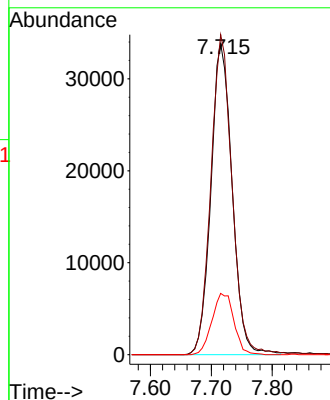
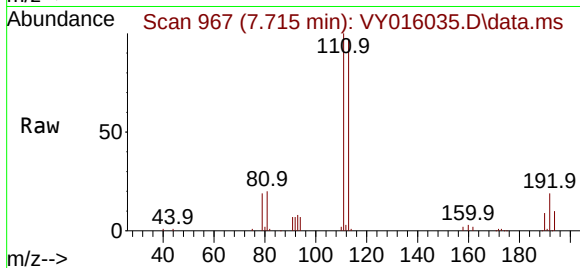
Tgt Ion:113 Resp: 81962

Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.3 16.9 25.3



#50

Toluene-d8

Concen: 48.515 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.007 min

Lab File: VY016035.D

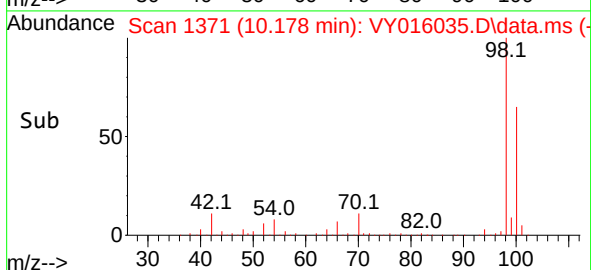
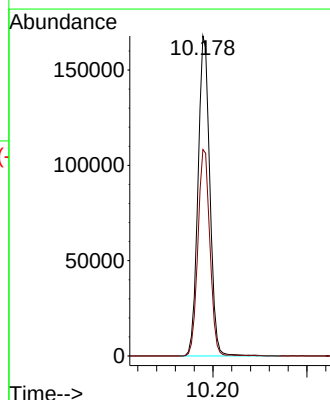
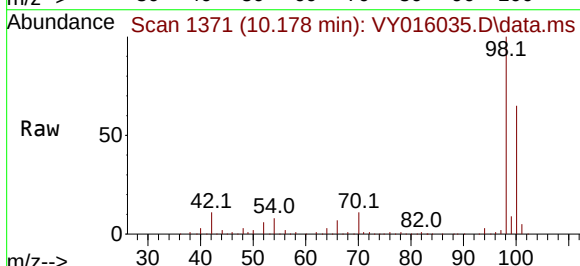
Acq: 19 Oct 2023 13:57

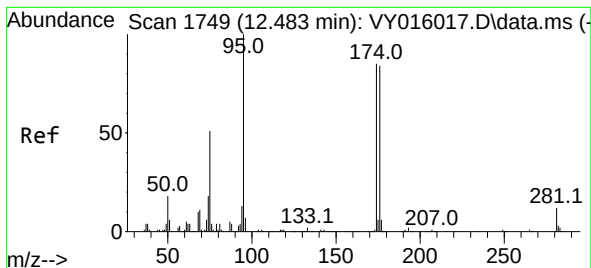
Tgt Ion: 98 Resp: 294122

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

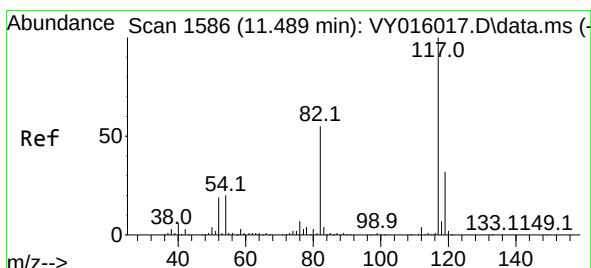
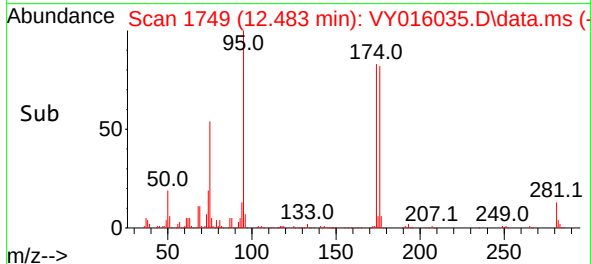
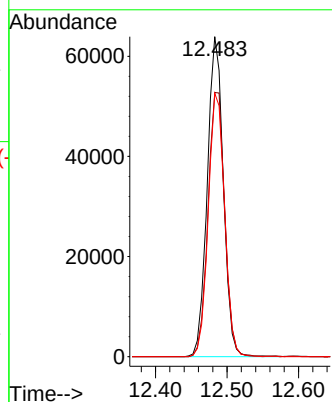
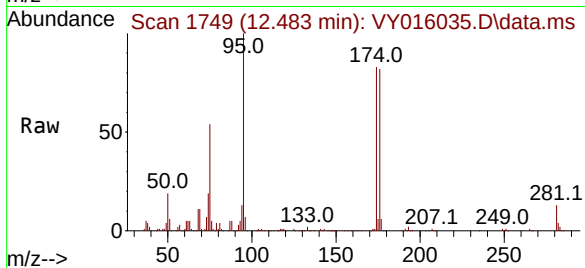




#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

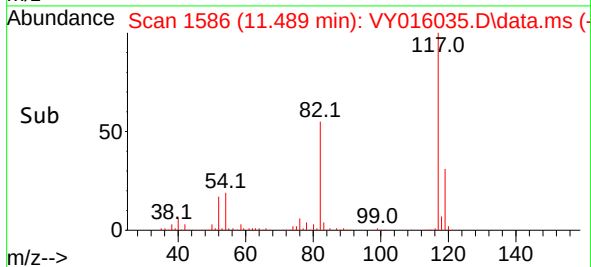
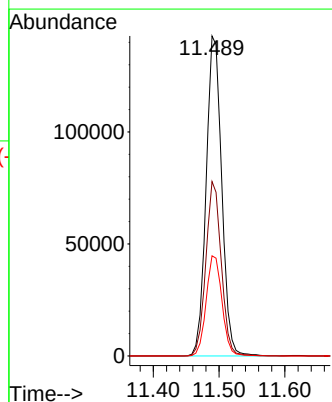
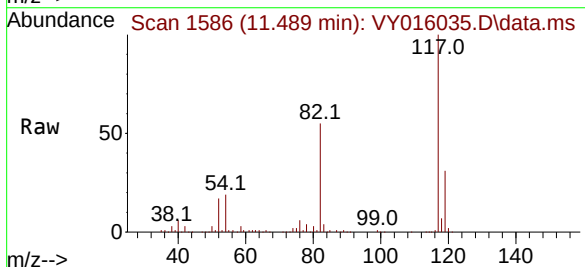
Instrument :
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VY1019SBL01

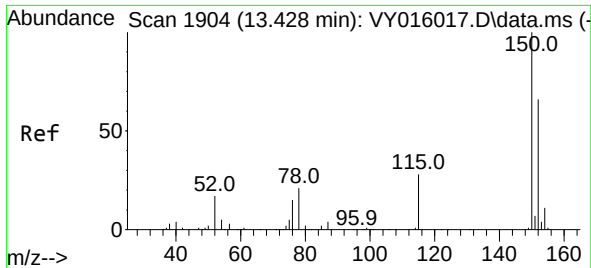
Tgt Ion: 95 Resp: 99716
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016035.D
Acq: 19 Oct 2023 13:57

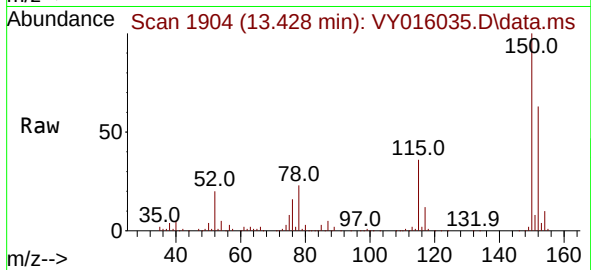
Tgt Ion: 117 Resp: 235213
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY016035.D
 Acq: 19 Oct 2023 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1019SBL01



Tgt Ion:152 Resp: 109883
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.8 86.5
 150 159.1 0.0 348.8

