

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015826.D
 Acq On : 04 Oct 2023 14:38
 Operator : SY/MD
 Sample : 04712-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Quant Time: Oct 05 06:54:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

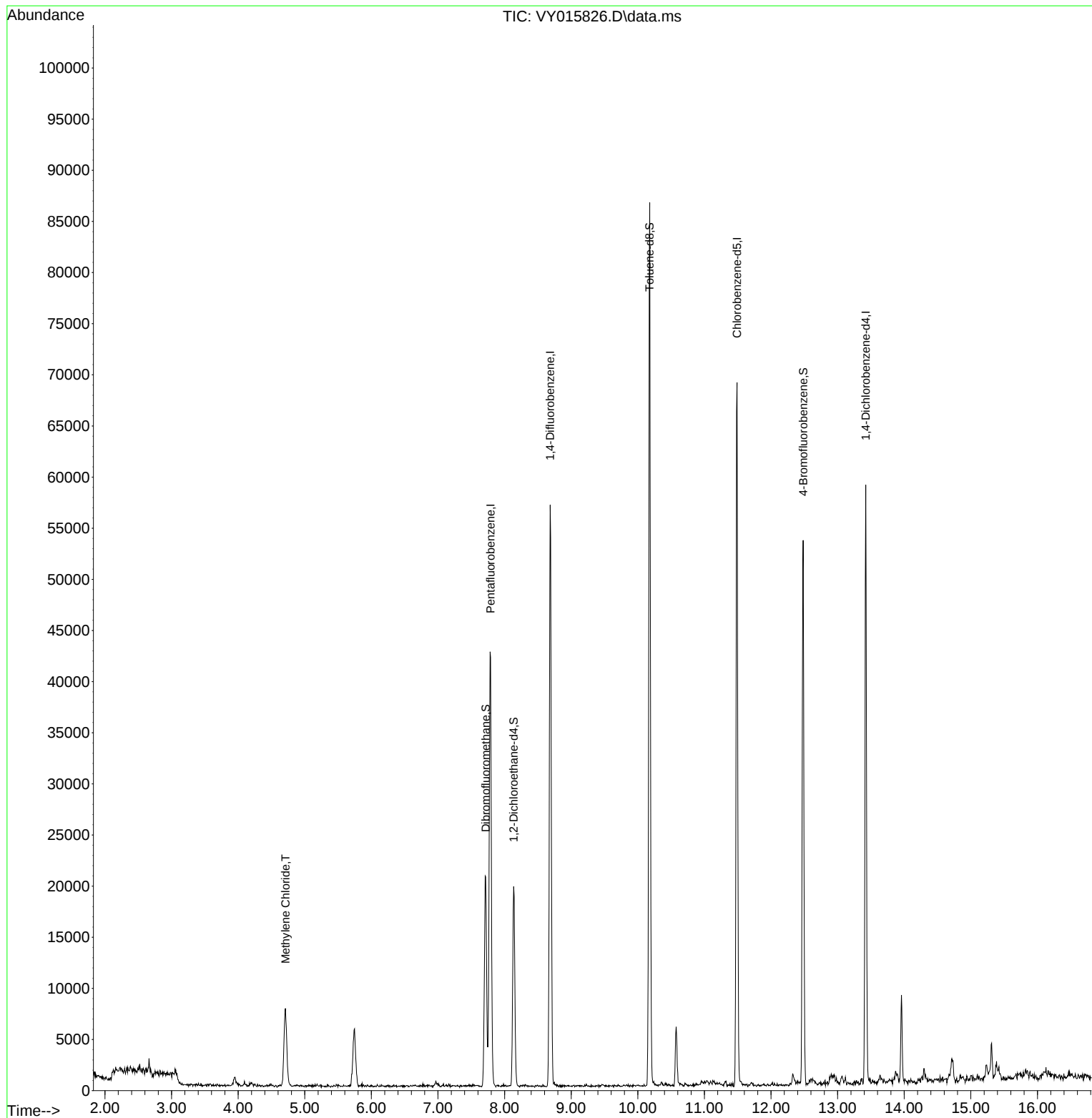
Internal Standards						
1) Pentafluorobenzene	7.789	168	33769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	49636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	38233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15584	41.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.880%
35) Dibromofluoromethane	7.716	113	14510	48.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.680%
50) Toluene-d8	10.179	98	56319	55.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.820%
62) 4-Bromofluorobenzene	12.483	95	14409	36.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.900%
Target Compounds						
20) Methylene Chloride	4.710	84	5812	9.419	ug/l	Qvalue # 81

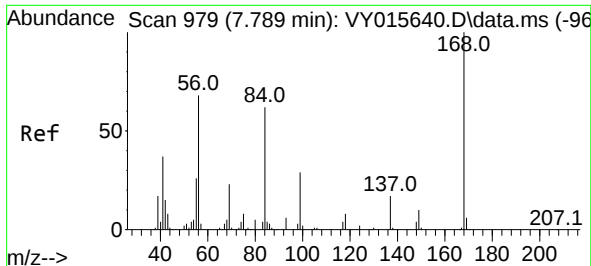
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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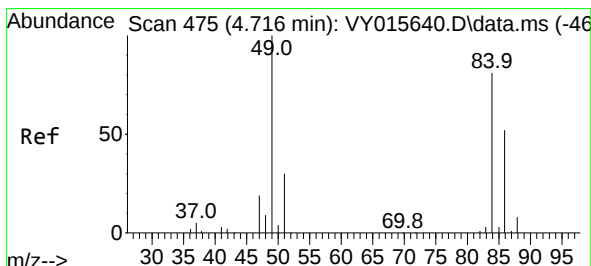
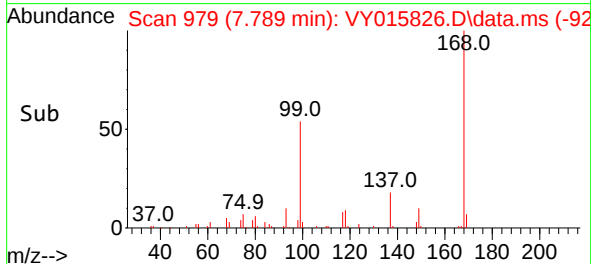
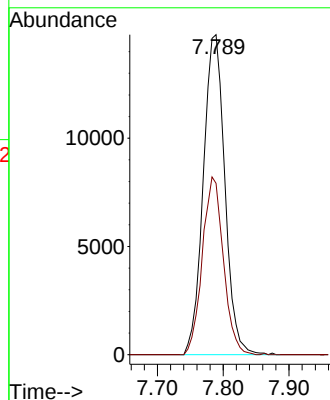
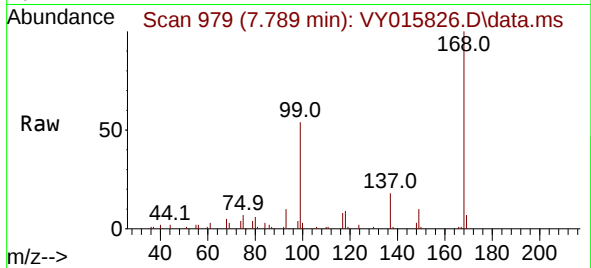




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

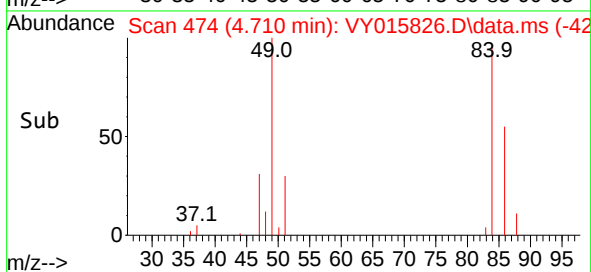
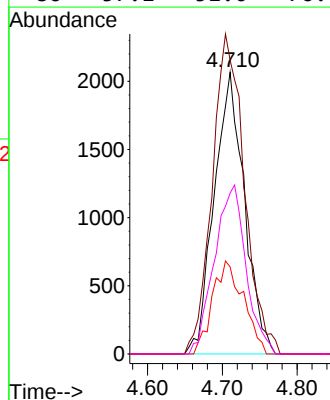
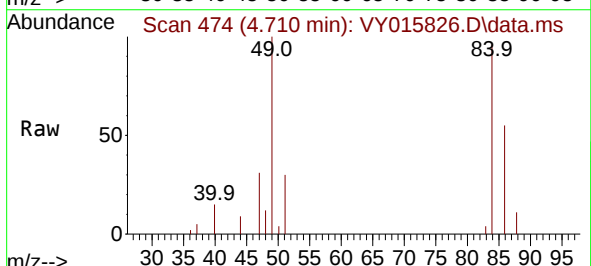
Instrument :
MSVOA_Y
ClientSampleId :
WC-1RE

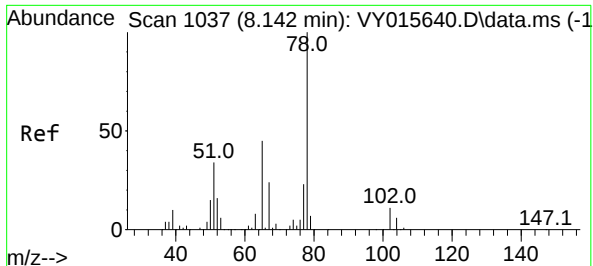
Tgt Ion:168 Resp: 33769
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 9.419 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

Tgt Ion: 84 Resp: 5812
Ion Ratio Lower Upper
84 100
49 104.3 106.9 160.3#
51 30.9 33.2 49.8#
86 57.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 41.943 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015826.D

Acq: 04 Oct 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

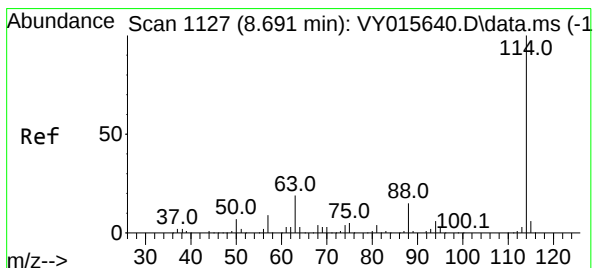
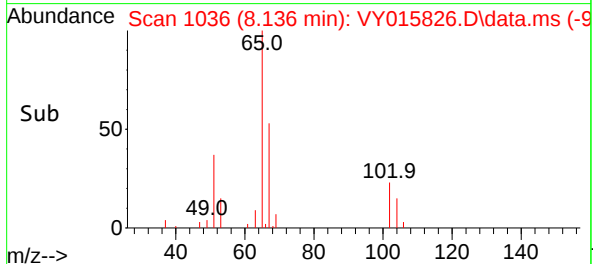
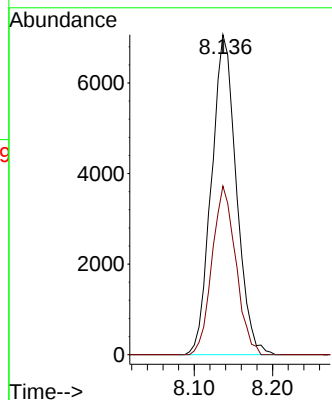
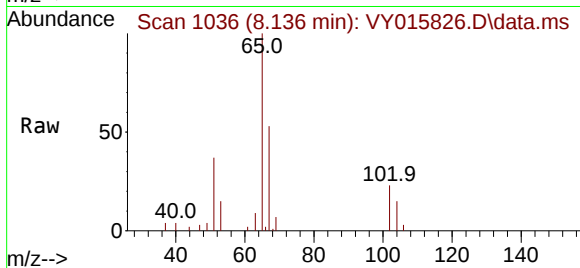
WC-1RE

Tgt Ion: 65 Resp: 15584

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015826.D

Acq: 04 Oct 2023 14:38

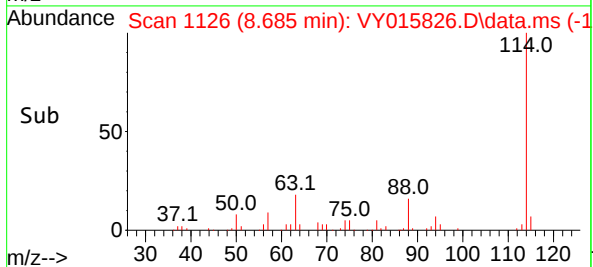
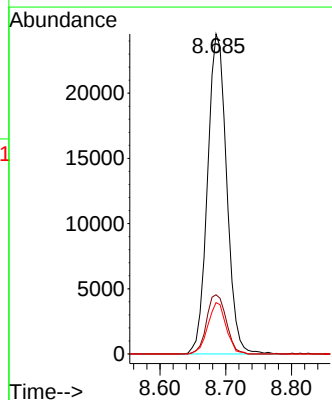
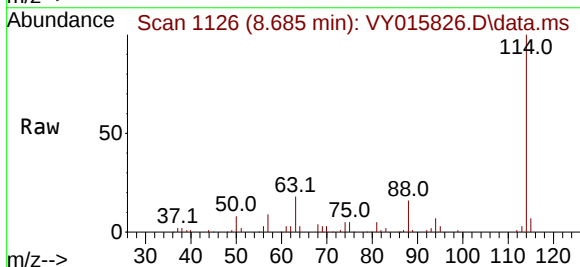
Tgt Ion:114 Resp: 49636

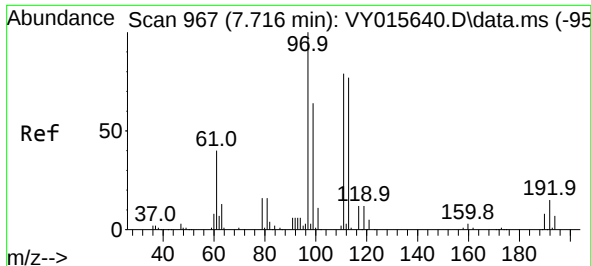
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 16.1 0.0 30.6

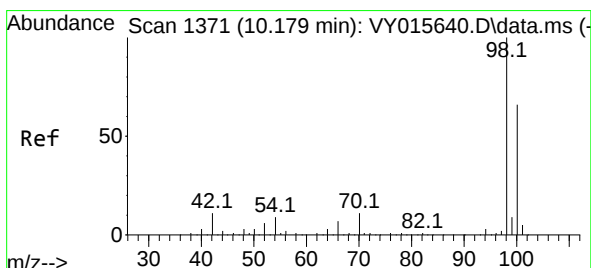
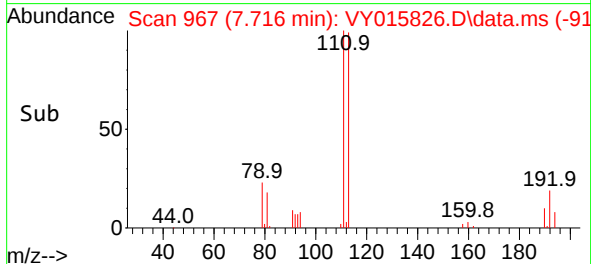
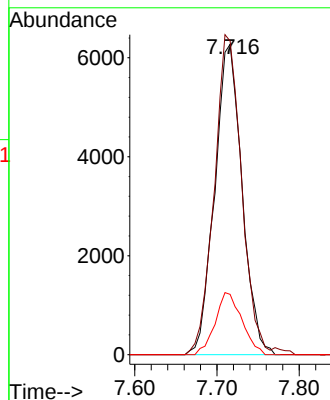
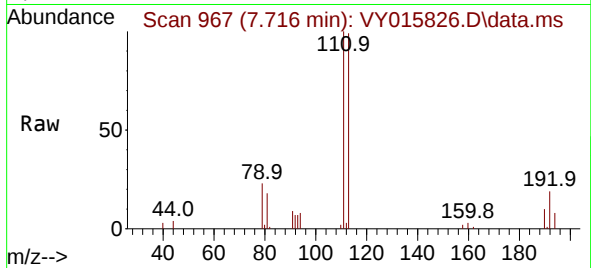




#35
Dibromofluoromethane
Concen: 48.841 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

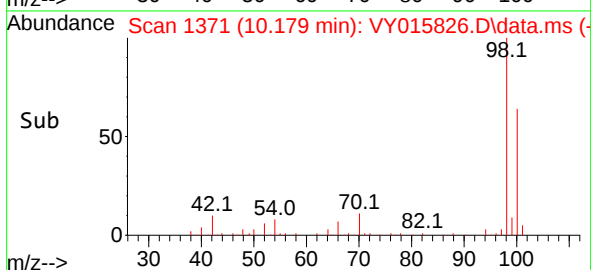
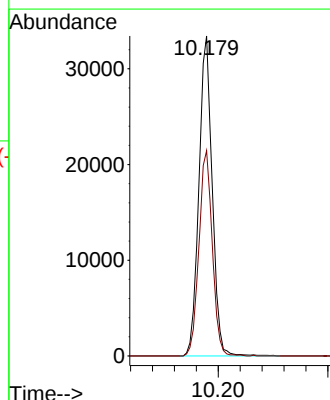
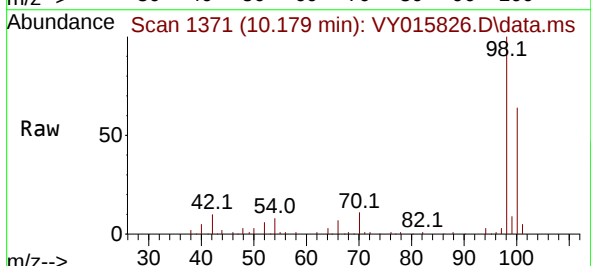
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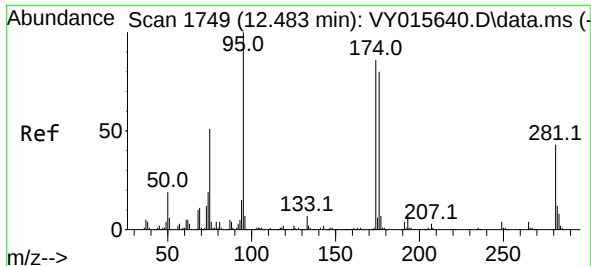
Tgt Ion:113 Resp: 14510
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 55.910 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

Tgt Ion: 98 Resp: 56319
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

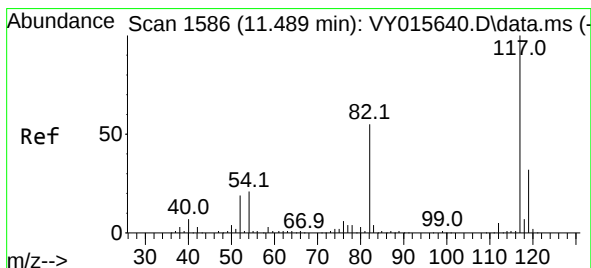
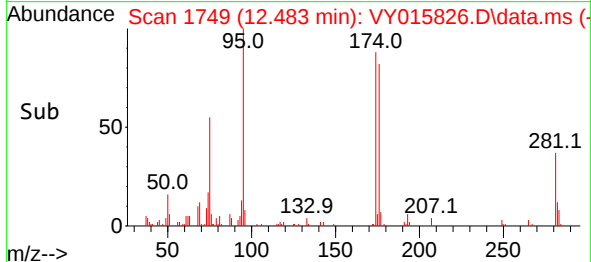
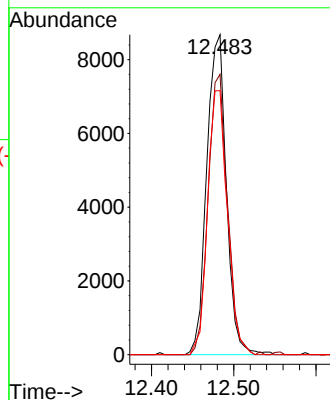
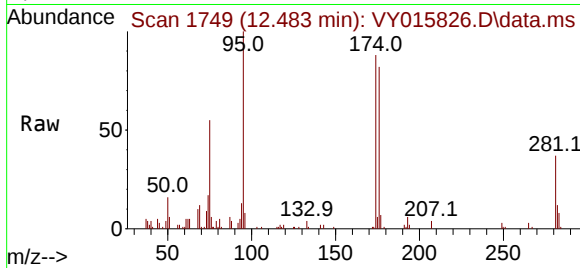




#62
4-Bromofluorobenzene
Concen: 36.450 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

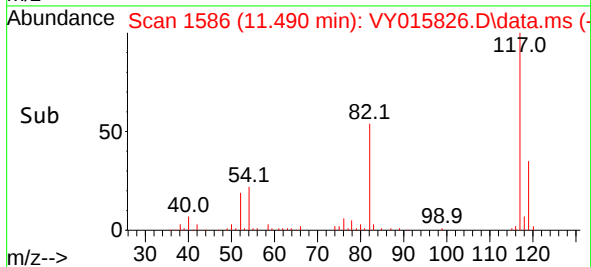
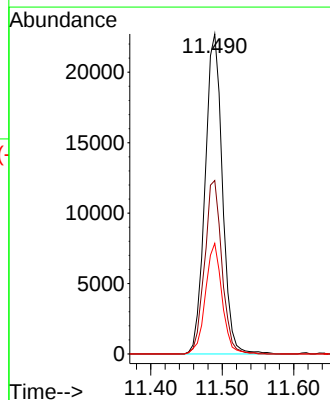
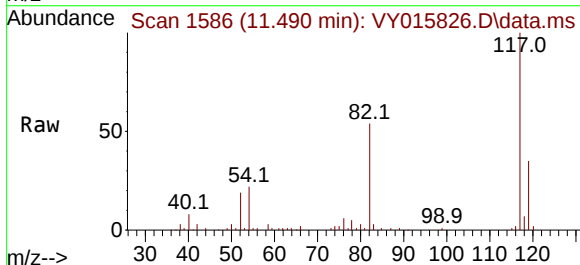
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ClientSampleId :
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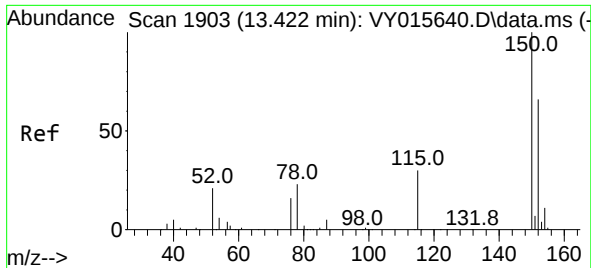
Tgt Ion: 95 Resp: 14409
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015826.D
Acq: 04 Oct 2023 14:38

Tgt Ion: 117 Resp: 38233
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 34.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015826.D
 Acq: 04 Oct 2023 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1RE

Tgt Ion:152 Resp: 14641
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.8 86.5
 150 159.2 0.0 348.8

