

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018214.D
 Acq On : 09 May 2024 16:54
 Operator : SY/MD
 Sample : P2430-05
 Misc : 3.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1011UMR-SS003-1224-01

Quant Time: May 10 01:20:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

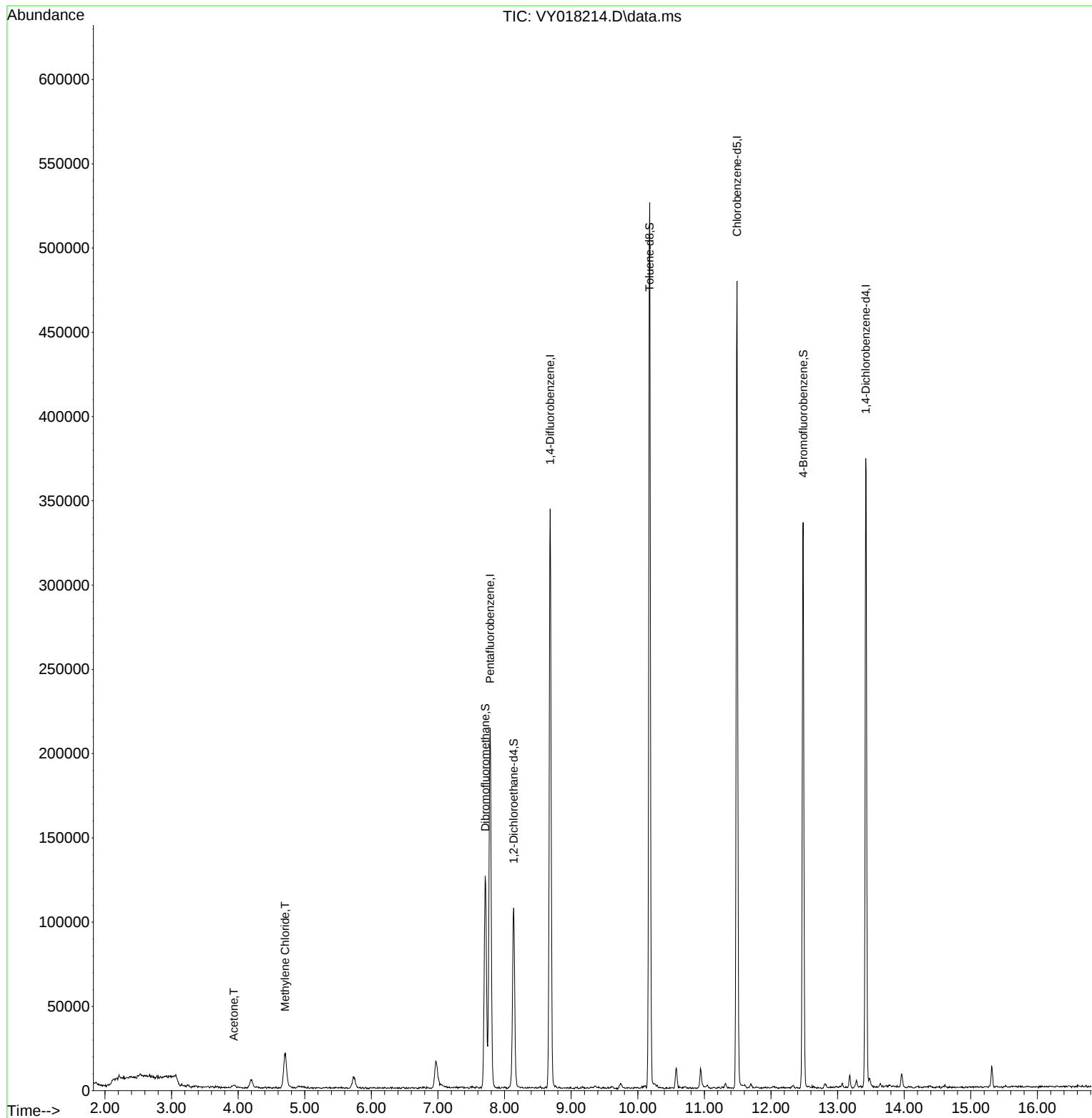
Internal Standards						
1) Pentafluorobenzene	7.783	168	171403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	76900	60.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.980%
35) Dibromofluoromethane	7.710	113	91765	55.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.860%
50) Toluene-d8	10.179	98	354077	54.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.560%
62) 4-Bromofluorobenzene	12.483	95	104114	49.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.840%
Target Compounds						
16) Acetone	3.936	43	3257	12.943	ug/l	99
20) Methylene Chloride	4.704	84	16483	9.267	ug/l	96

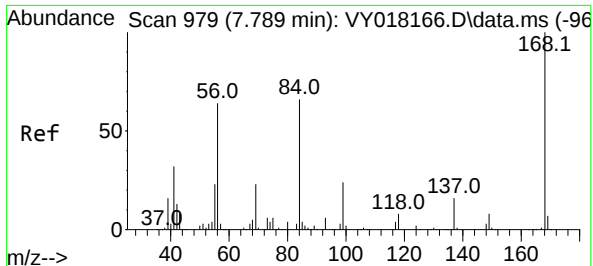
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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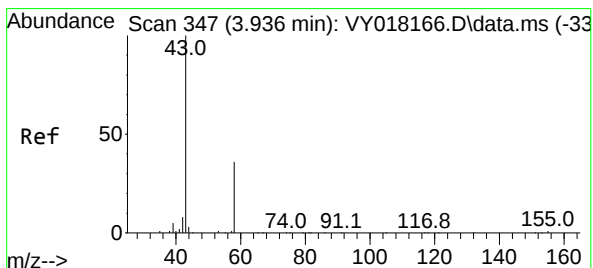
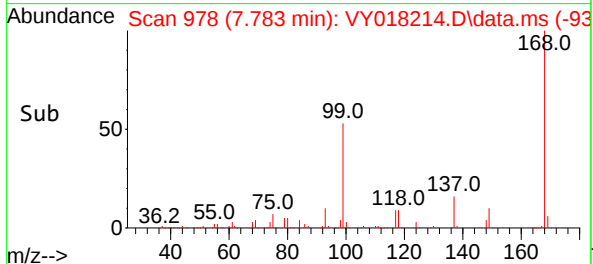
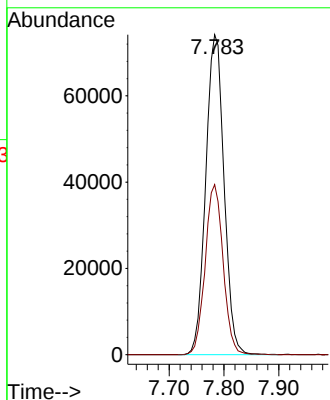
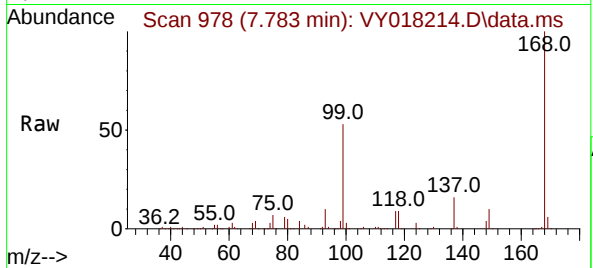




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

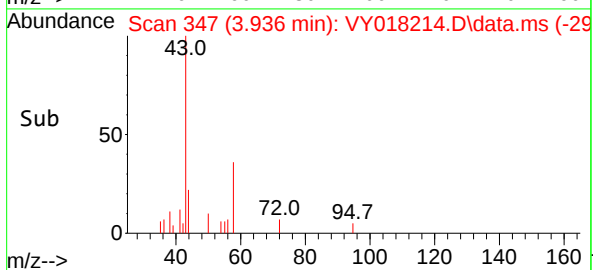
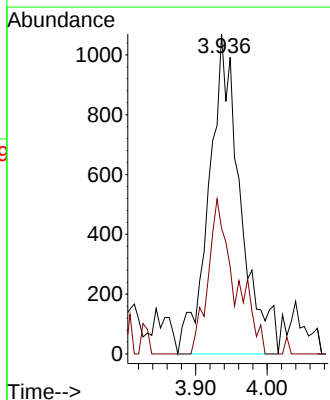
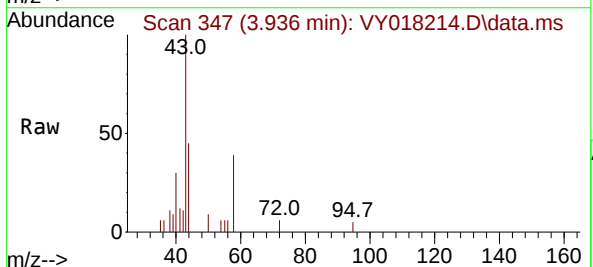
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS003-1224-01

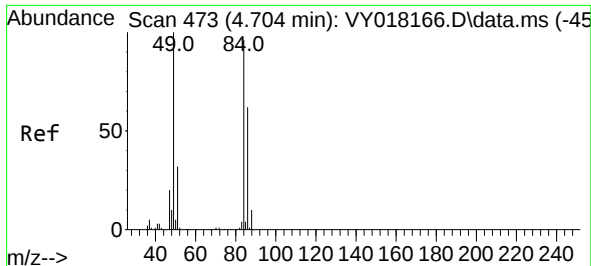
Tgt Ion:168 Resp: 171403
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#16
Acetone
Concen: 12.943 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
58 39.3 31.7 47.5

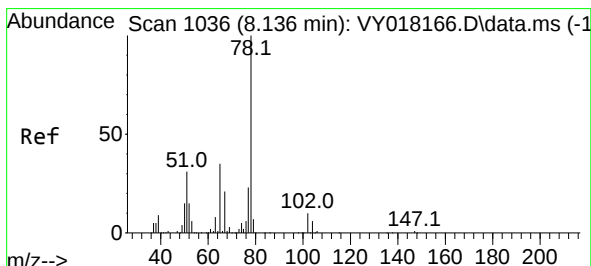
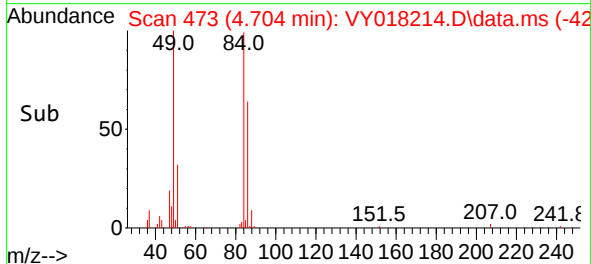
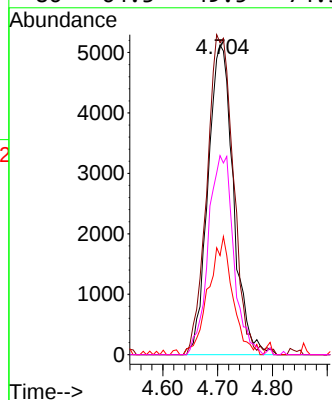
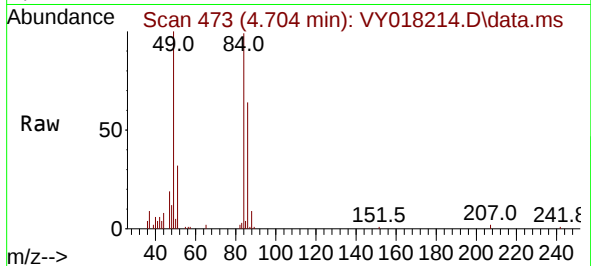




#20
Methylene Chloride
Concen: 9.267 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

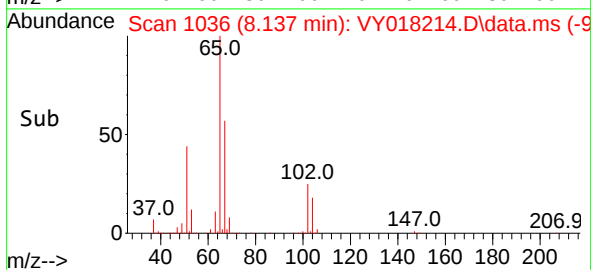
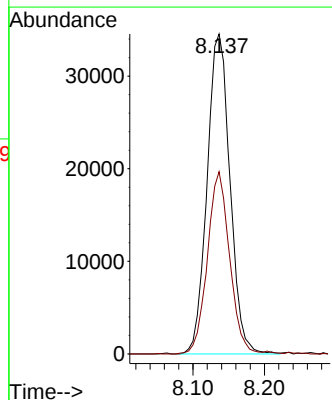
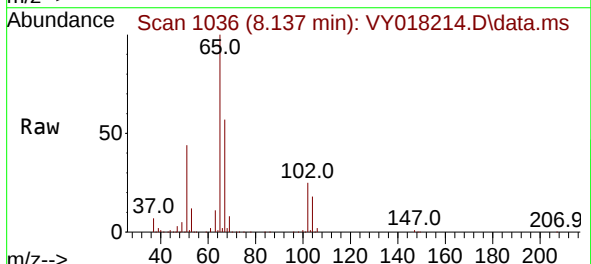
Instrument :
MSVOA_Y
ClientSampleId :
1011UMR-SS003-1224-01

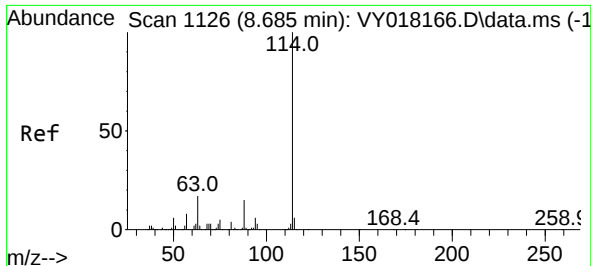
Tgt Ion: 84 Resp: 16483
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 32.0 26.0 39.0
86 64.3 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 60.985 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 65 Resp: 76900
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018214.D

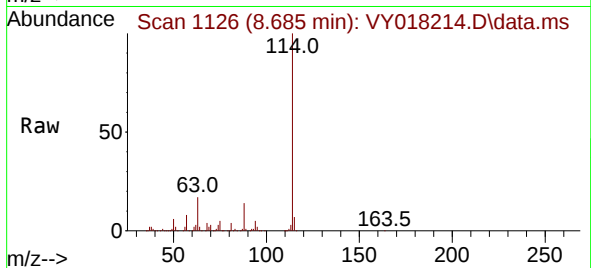
Acq: 09 May 2024 16:54

Instrument :

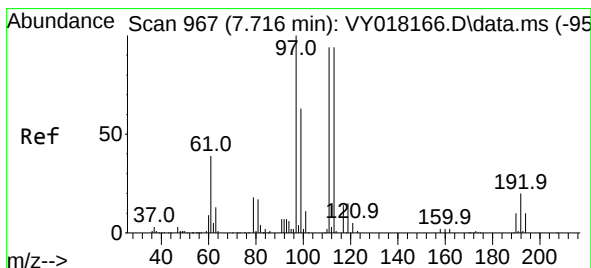
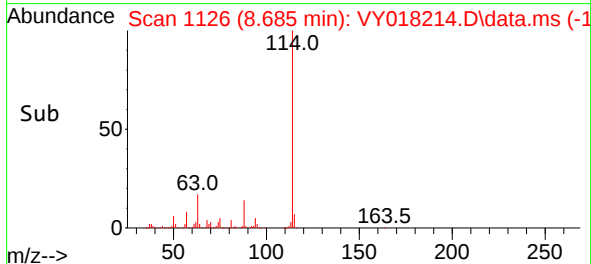
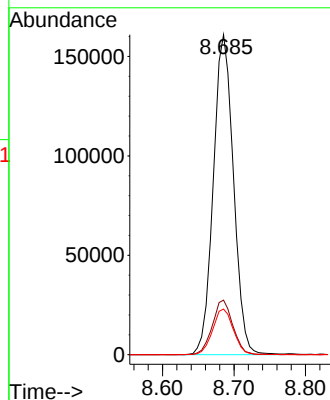
MSVOA_Y

ClientSampleId :

1011UMR-SS003-1224-01



Tgt Ion:	114	Resp:	315004
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	35.0
88	14.2	0.0	27.2



#35

Dibromofluoromethane

Concen: 55.431 ug/l

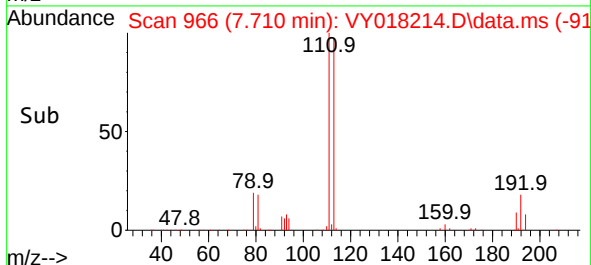
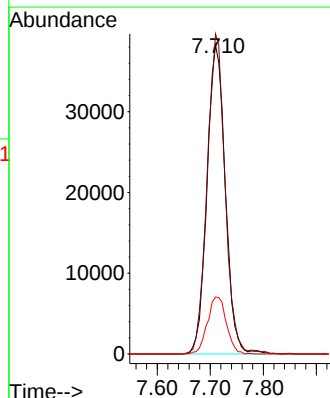
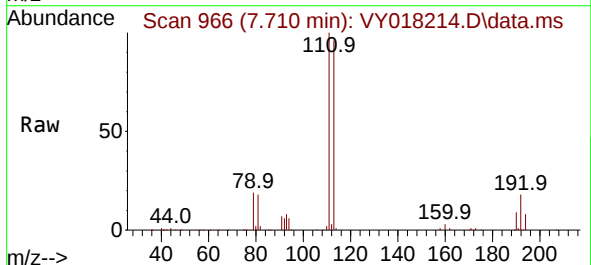
RT: 7.710 min Scan# 966

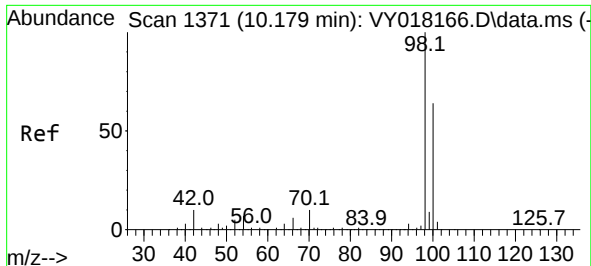
Delta R.T. -0.006 min

Lab File: VY018214.D

Acq: 09 May 2024 16:54

Tgt Ion:	113	Resp:	91765
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	19.1	15.9	23.9

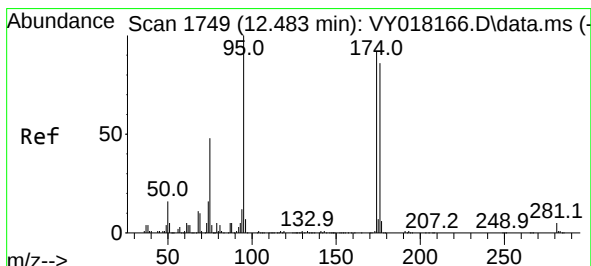
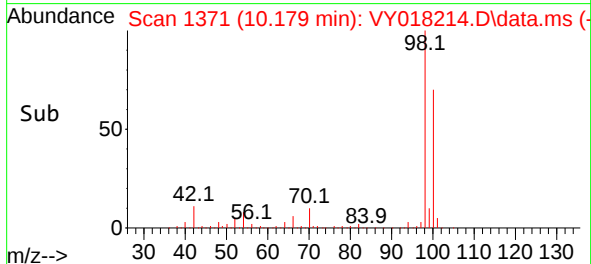
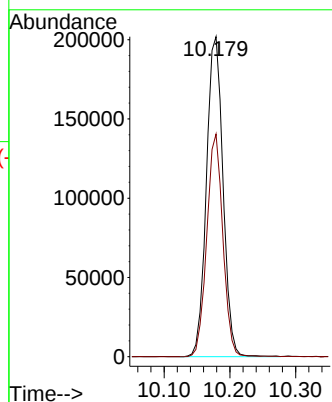
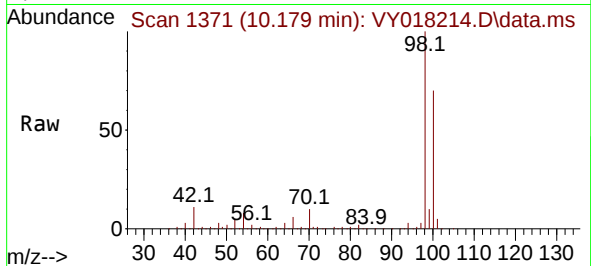




#50
Toluene-d8
Concen: 54.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

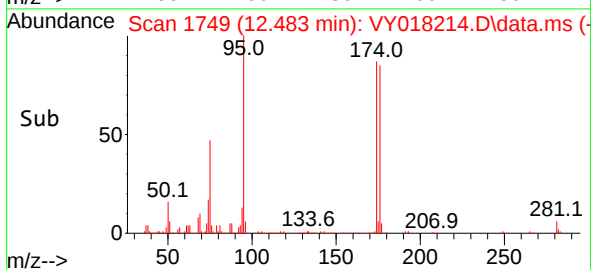
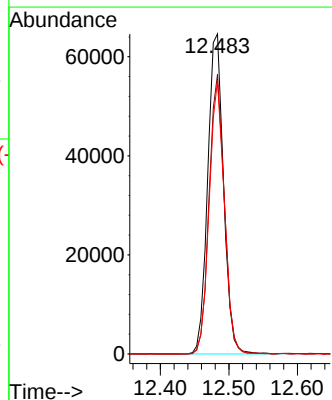
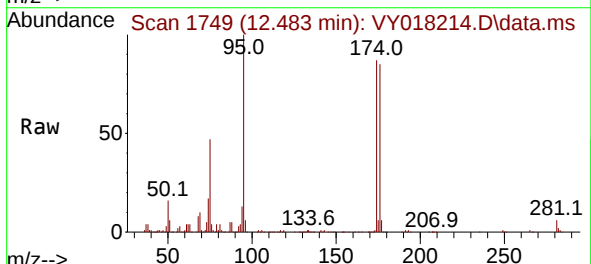
Instrument :
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ClientSampleId :
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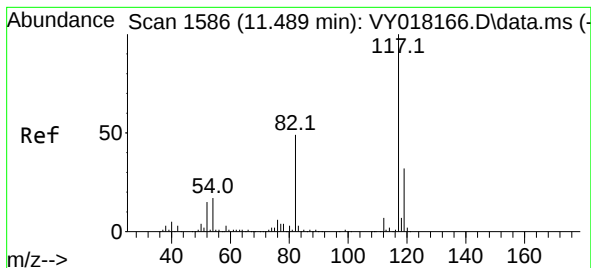
Tgt Ion: 98 Resp: 354077
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018214.D
Acq: 09 May 2024 16:54

Tgt Ion: 95 Resp: 104114
Ion Ratio Lower Upper
95 100
174 84.0 0.0 175.6
176 81.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY018214.D

Acq: 09 May 2024 16:54

Instrument :

MSVOA_Y

ClientSampleId :

1011UMR-SS003-1224-01

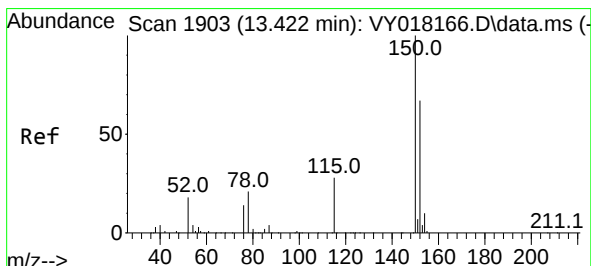
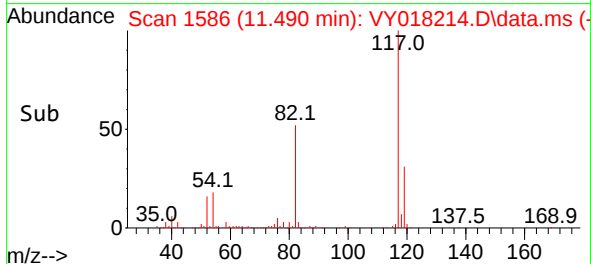
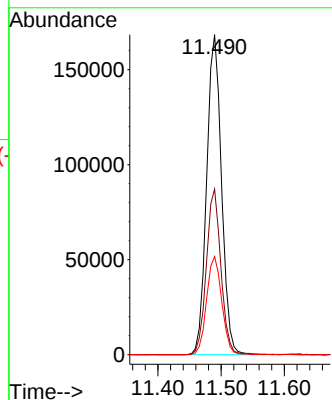
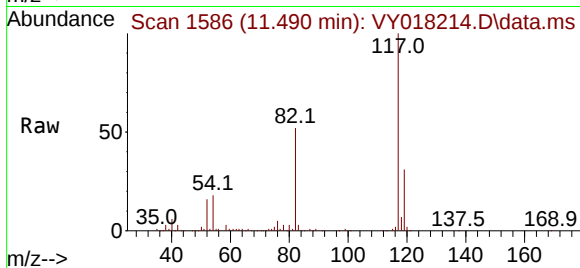
Tgt Ion:117 Resp: 275533

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 30.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018214.D

Acq: 09 May 2024 16:54

Tgt Ion:152 Resp: 101274

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 157.4 0.0 345.6

