

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018272.D
 Acq On : 15 May 2024 15:03
 Operator : SY/MD
 Sample : P2482-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-01-229

Quant Time: May 16 03:06:33 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)

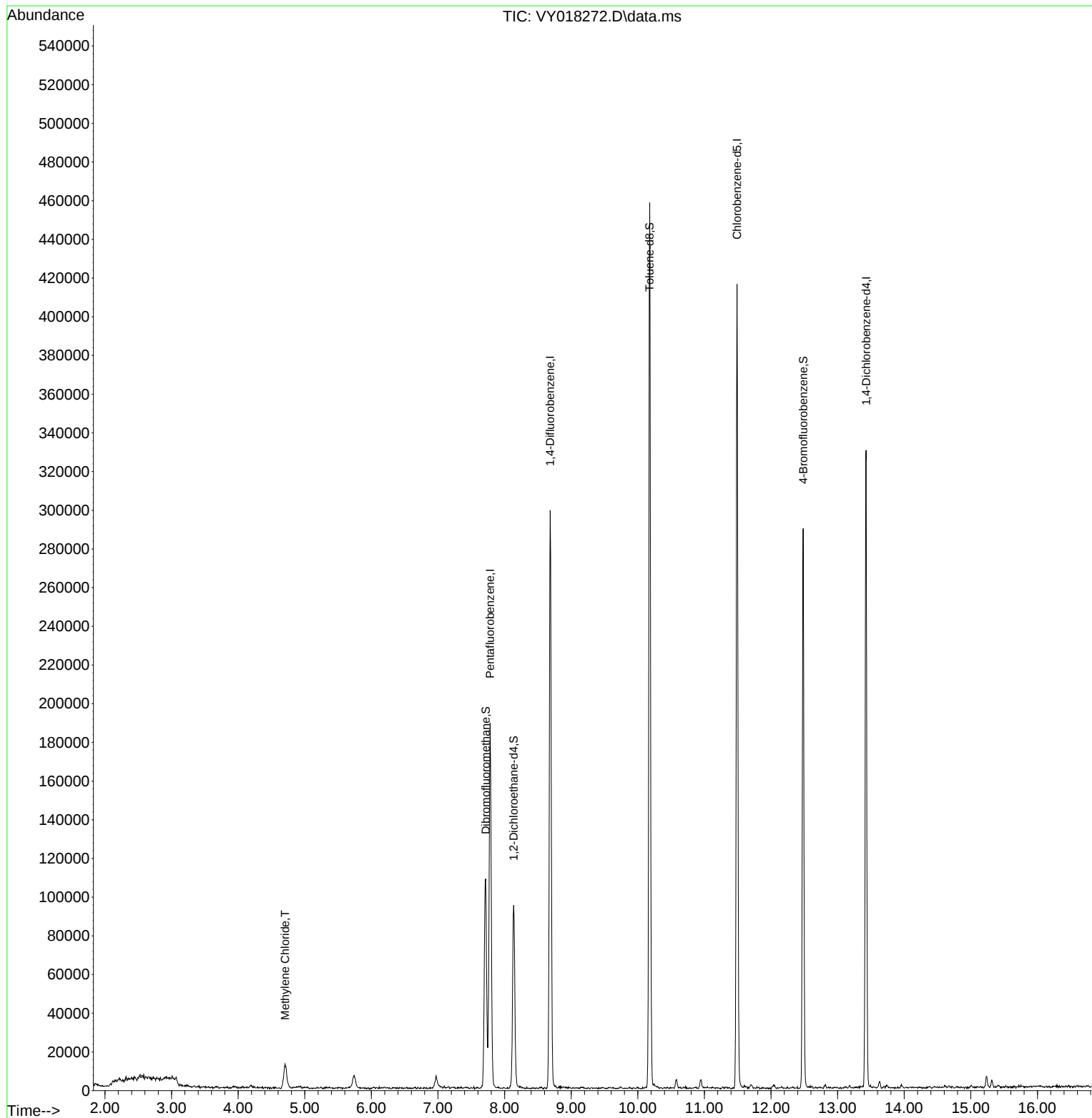
Internal Standards						
1) Pentafluorobenzene	7.783	168	143935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70868	66.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.860%
35) Dibromofluoromethane	7.716	113	79815	55.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.620%
50) Toluene-d8	10.179	98	307174	54.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.000%
62) 4-Bromofluorobenzene	12.483	95	90858	49.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.840%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	9029	6.045	ug/l #	85

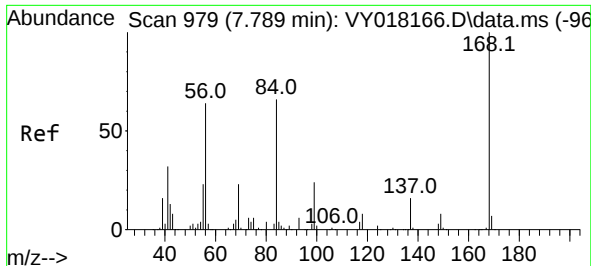
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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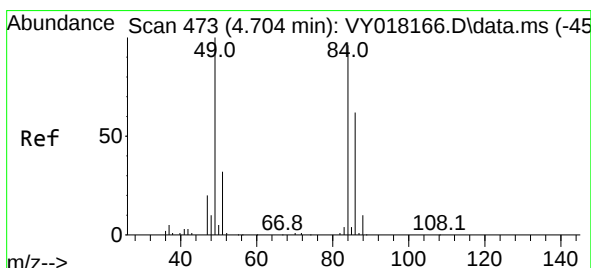
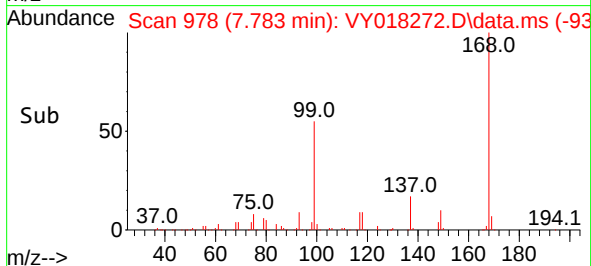
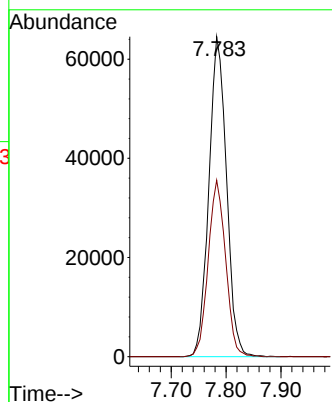
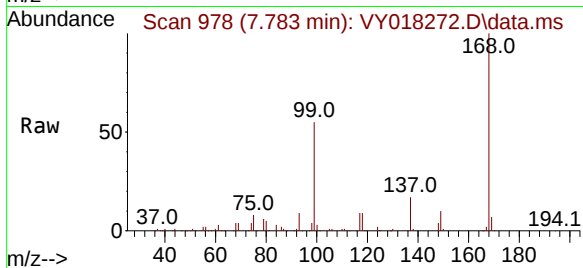




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

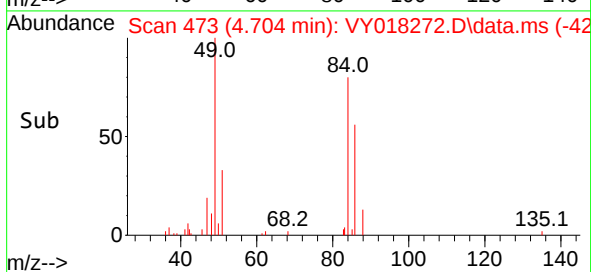
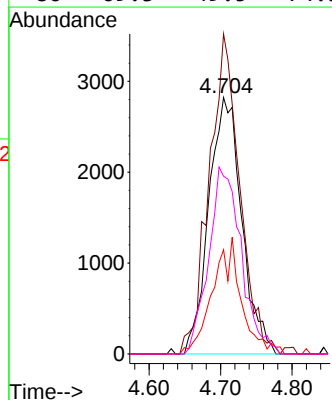
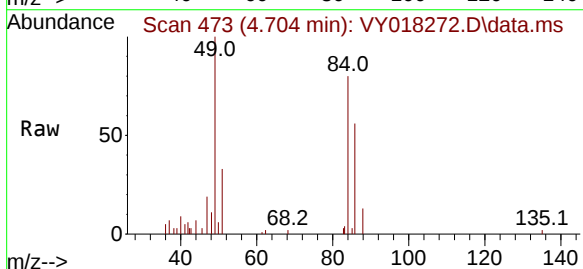
Instrument :
MSVOA_Y
ClientSampleId :
SW-01-229

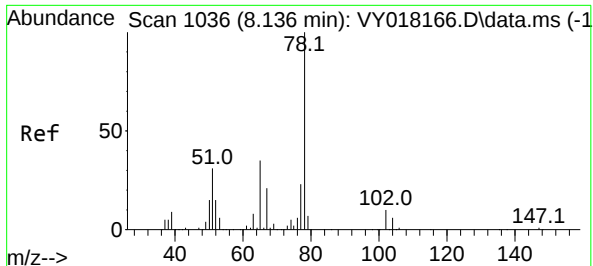
Tgt Ion:168 Resp: 143935
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#20
Methylene Chloride
Concen: 6.045 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 84 Resp: 9029
Ion Ratio Lower Upper
84 100
49 124.8 84.4 126.6
51 40.6 26.0 39.0#
86 69.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 66.927 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018272.D

Acq: 15 May 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

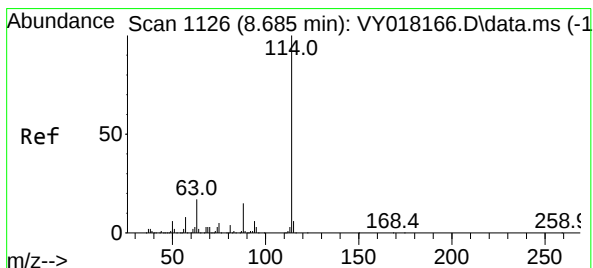
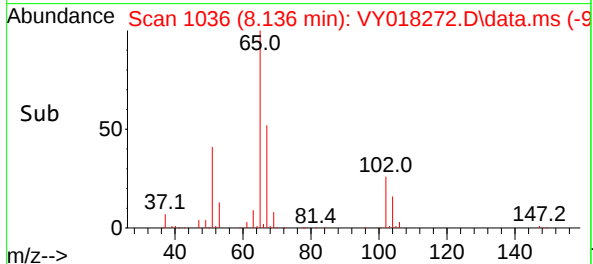
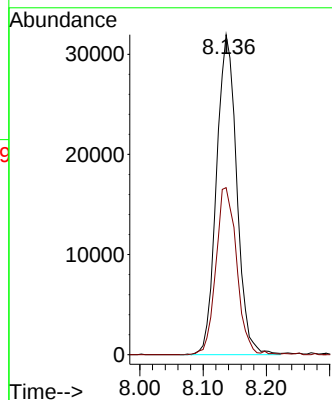
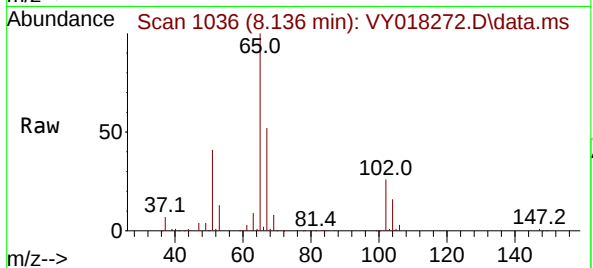
SW-01-229

Tgt Ion: 65 Resp: 70868

Ion Ratio Lower Upper

65 100

67 53.3 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: VY018272.D

Acq: 15 May 2024 15:03

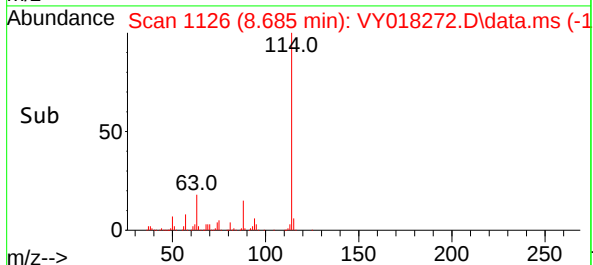
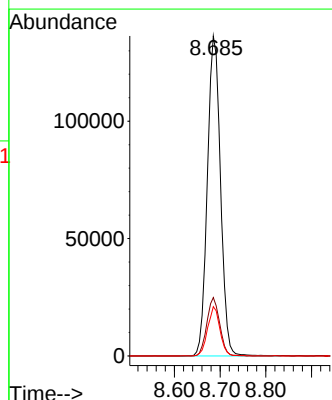
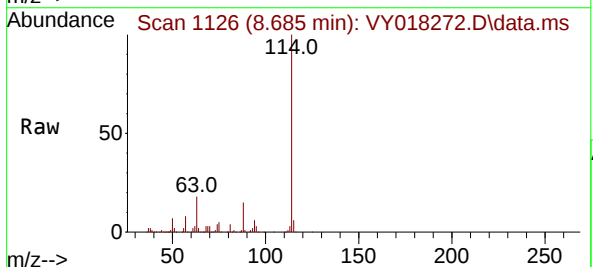
Tgt Ion: 114 Resp: 272139

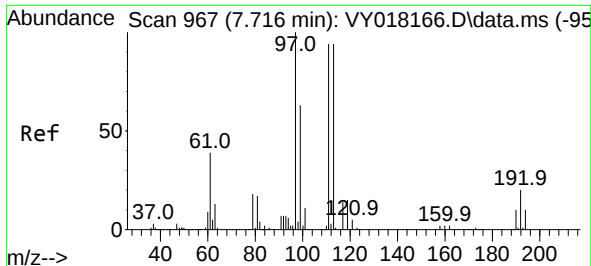
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 15.4 0.0 27.2

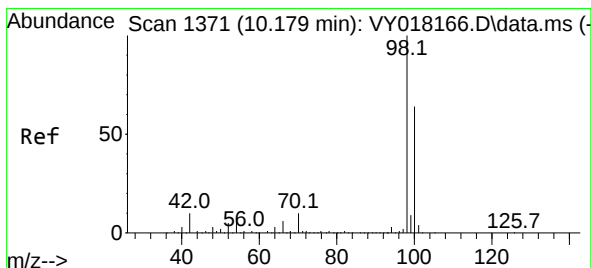
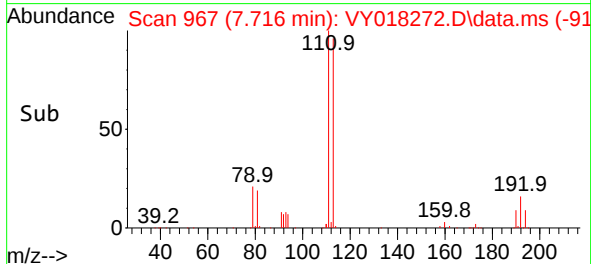
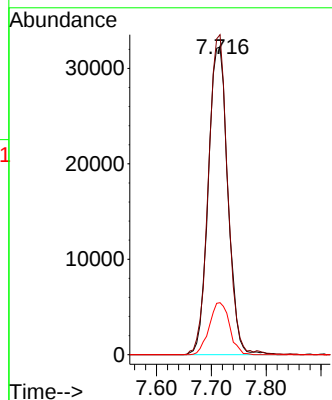
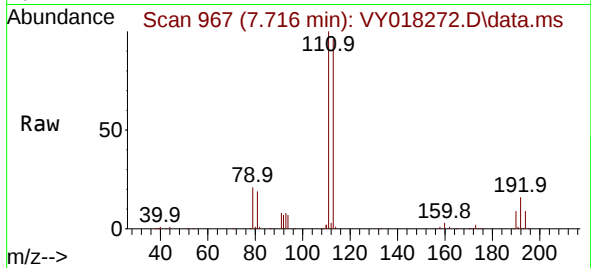




#35
Dibromofluoromethane
Concen: 55.806 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

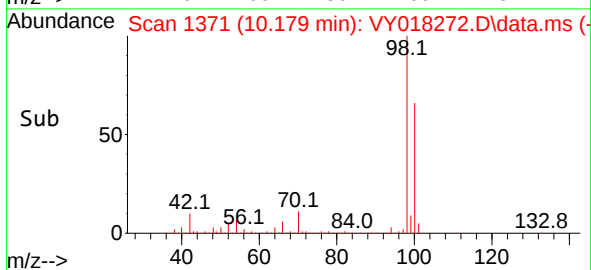
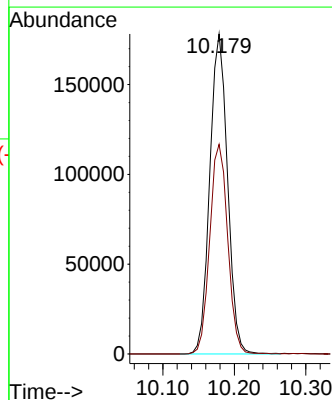
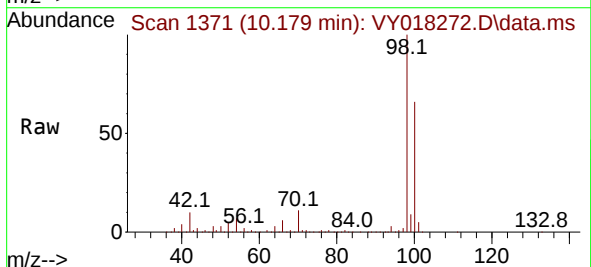
Instrument :
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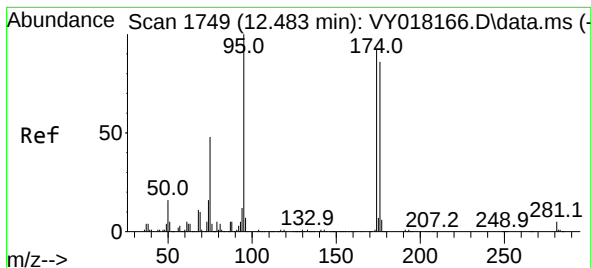
Tgt Ion:113 Resp: 79815
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.5 15.9 23.9



#50
Toluene-d8
Concen: 54.503 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 98 Resp: 307174
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

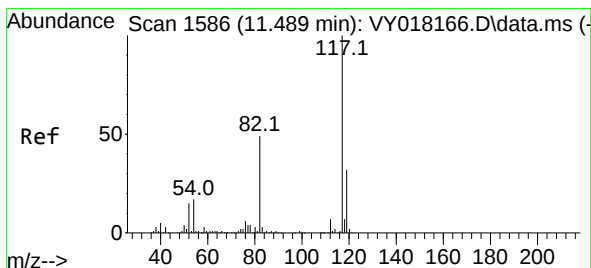
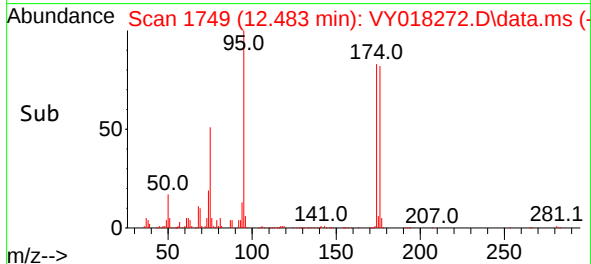
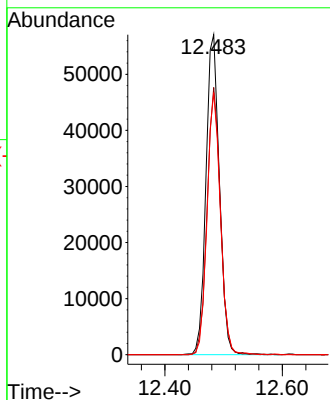
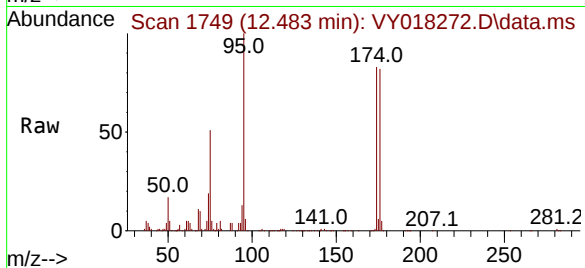




#62
4-Bromofluorobenzene
Concen: 49.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

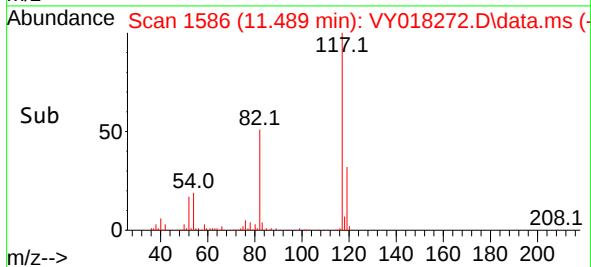
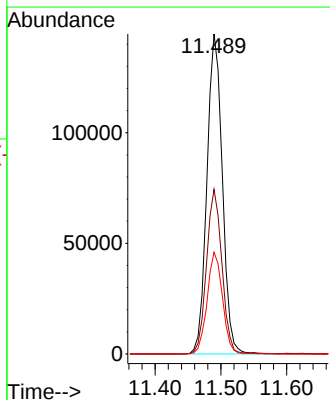
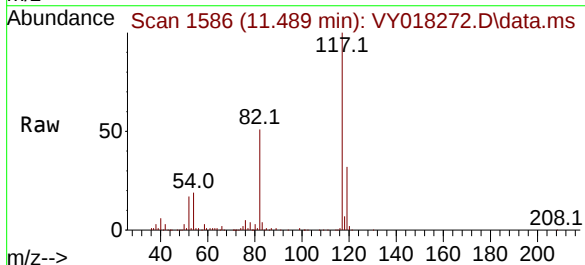
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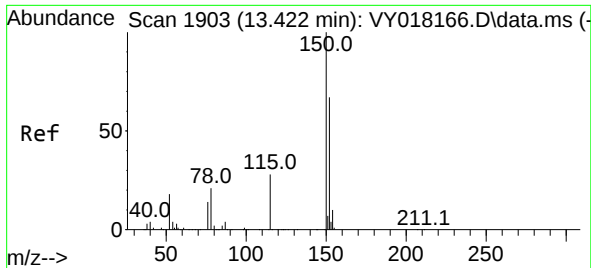
Tgt Ion: 95 Resp: 90858
Ion Ratio Lower Upper
95 100
174 82.2 0.0 175.6
176 80.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018272.D
Acq: 15 May 2024 15:03

Tgt Ion: 117 Resp: 235858
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 31.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018272.D
 Acq: 15 May 2024 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-01-229

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.2	84.7
150	159.3	0.0	345.6

