

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010346.D
 Acq On : 06 Sep 2022 14:14
 Operator : KP/MD
 Sample : N4419-04RE
 Misc : 4.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-MH-01-1-2

Quant Time: Sep 06 15:19:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

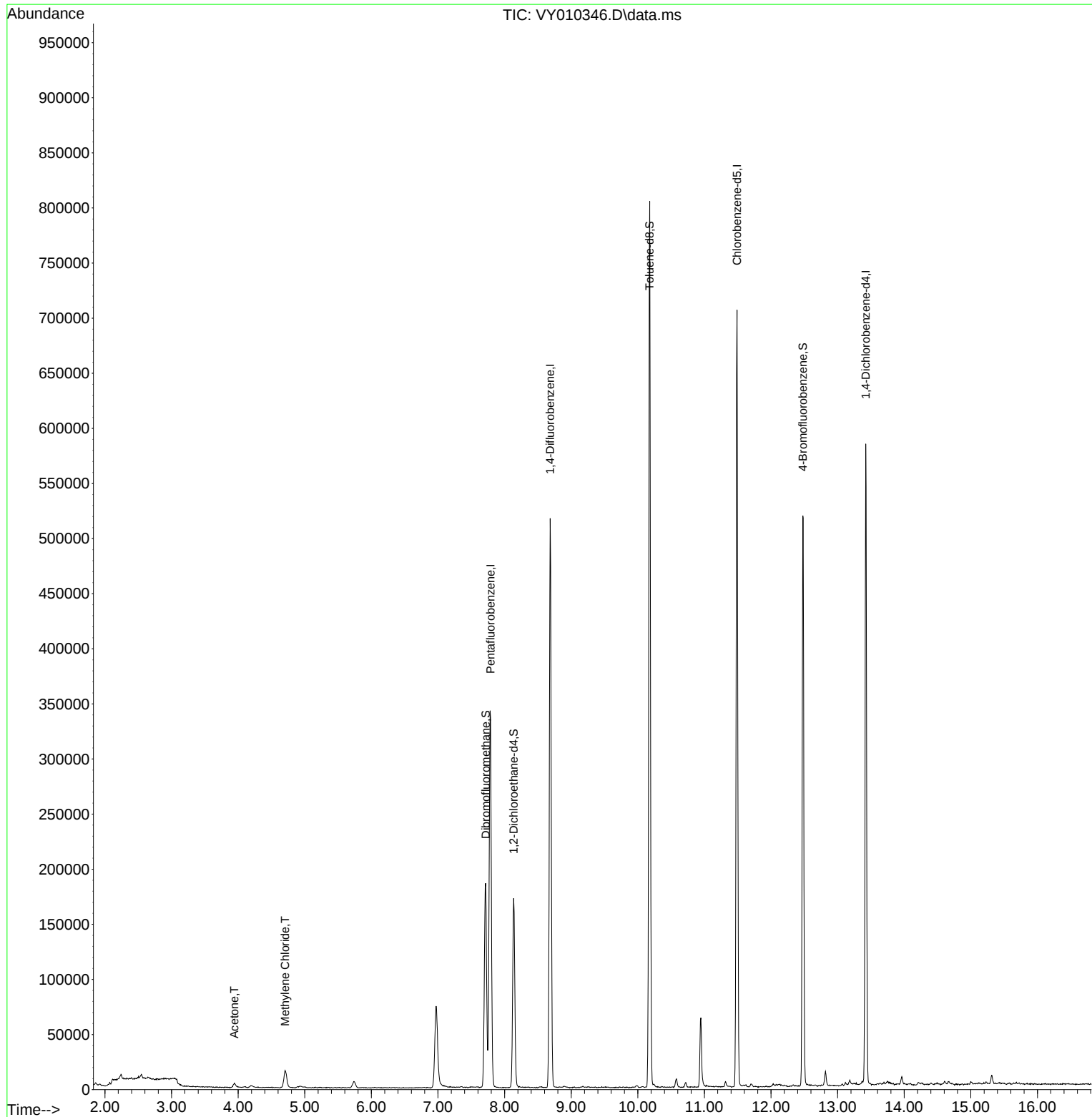
Internal Standards						
1) Pentafluorobenzene	7.789	168	279303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	448388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	393233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134540	46.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.960%
35) Dibromofluoromethane	7.715	113	133231	44.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.178	98	527012	52.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.460%
62) 4-Bromofluorobenzene	12.477	95	161921	39.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.160%
Target Compounds						
16) Acetone	3.942	43	6906	9.646	ug/l #	88
20) Methylene Chloride	4.704	84	11771	3.407	ug/l #	85

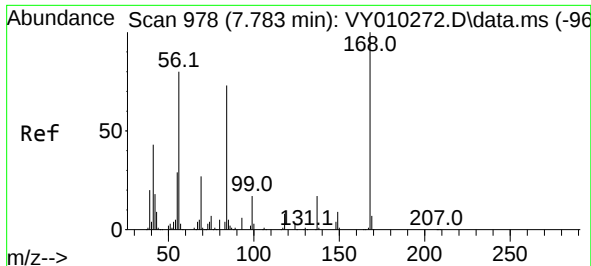
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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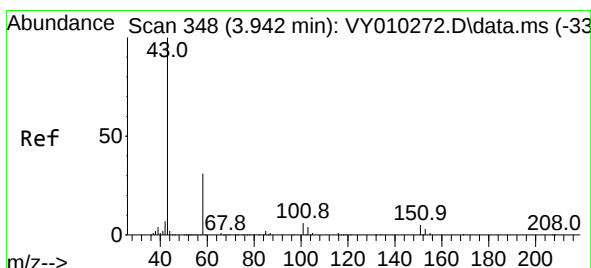
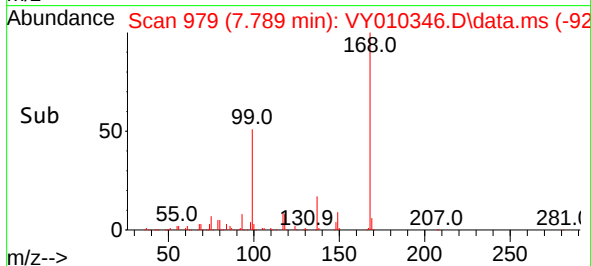
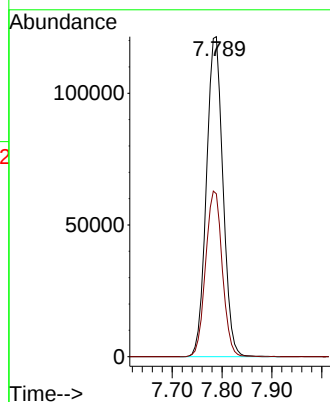
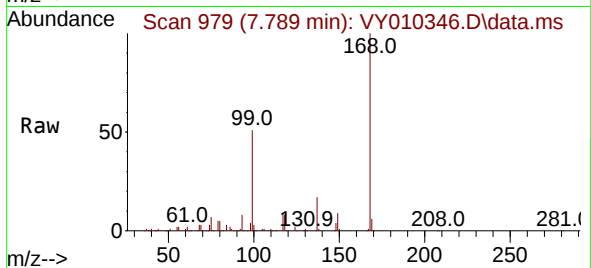




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

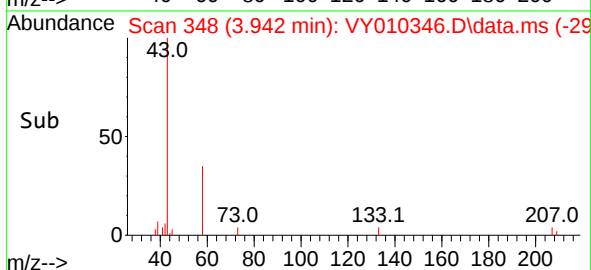
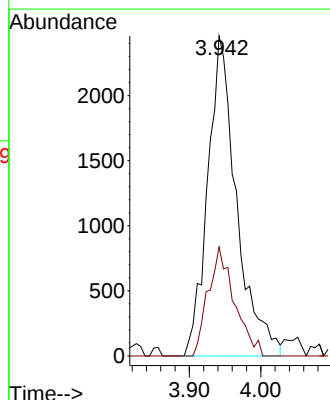
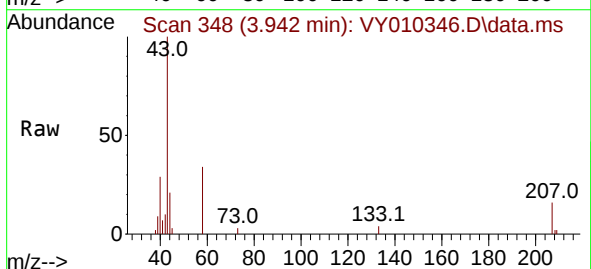
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

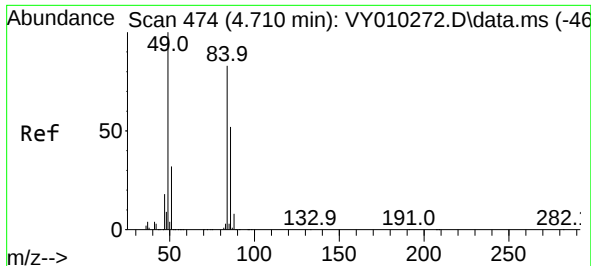
Tgt Ion:168 Resp: 279303
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#16
Acetone
Concen: 9.646 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

Tgt Ion: 43 Resp: 6906
Ion Ratio Lower Upper
43 100
58 34.0 22.0 33.0#

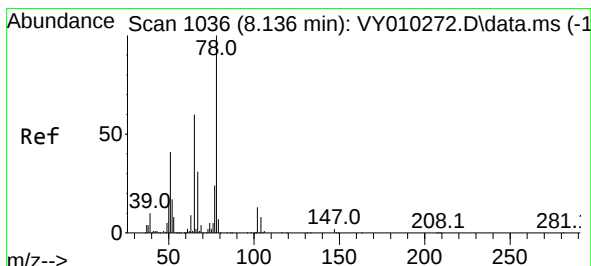
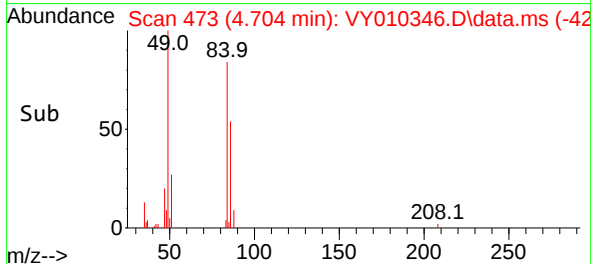
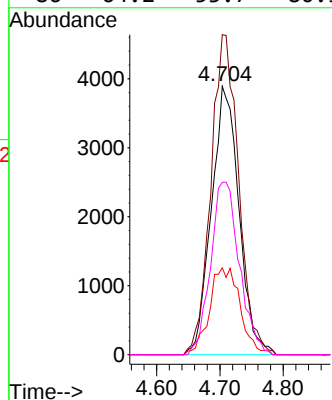
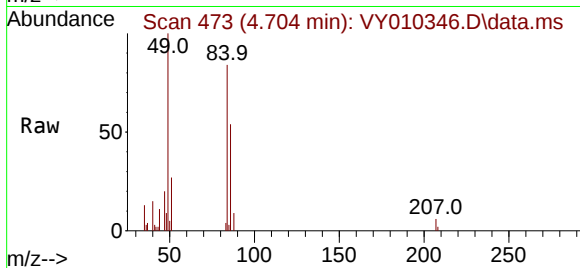




#20
Methylene Chloride
Concen: 3.407 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

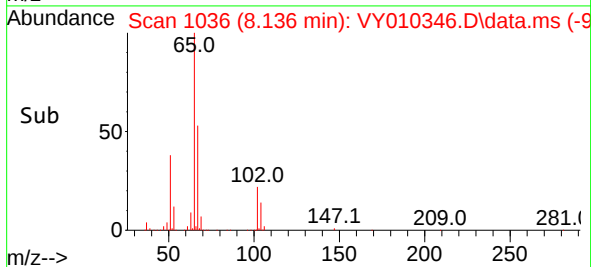
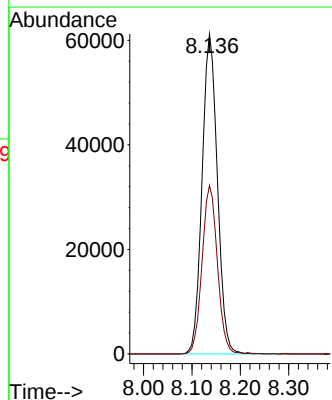
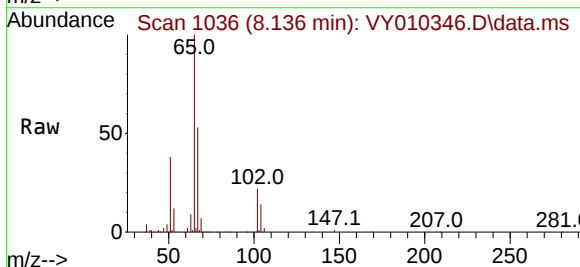
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

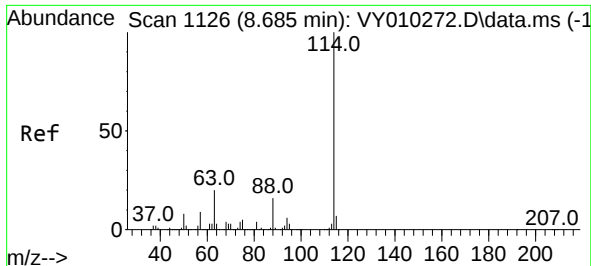
Tgt Ion: 84 Resp: 11771
Ion Ratio Lower Upper
84 100
49 119.2 114.4 171.6
51 32.4 35.3 52.9#
86 64.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 46.977 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

Tgt Ion: 65 Resp: 134540
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010346.D

Acq: 06 Sep 2022 14:14

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-MH-01-1-2

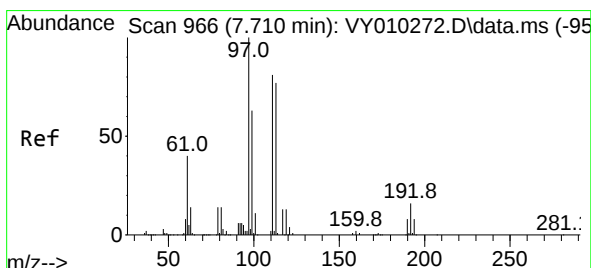
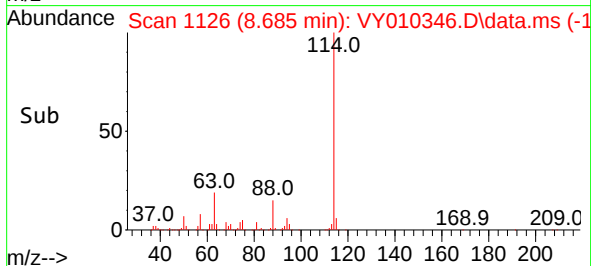
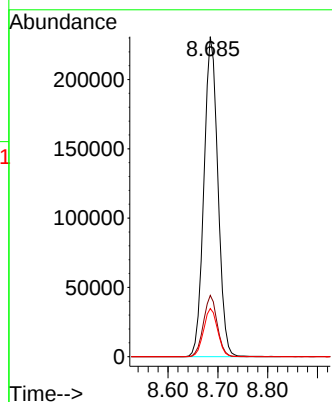
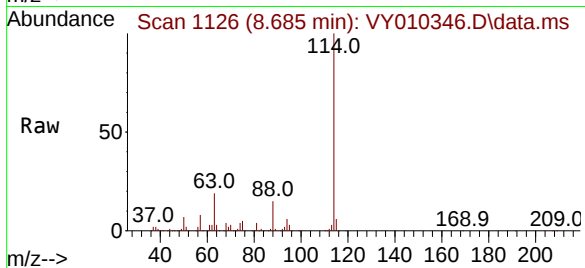
Tgt Ion:114 Resp: 448388

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.633 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010346.D

Acq: 06 Sep 2022 14:14

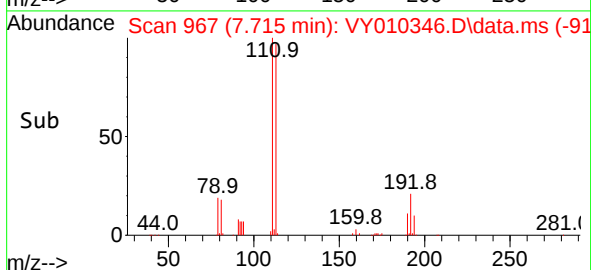
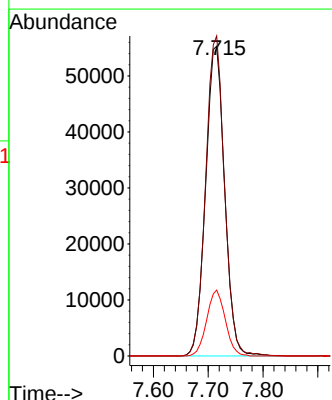
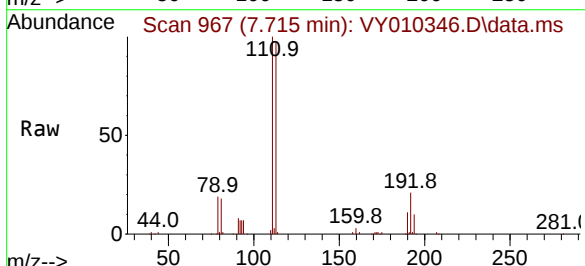
Tgt Ion:113 Resp: 133231

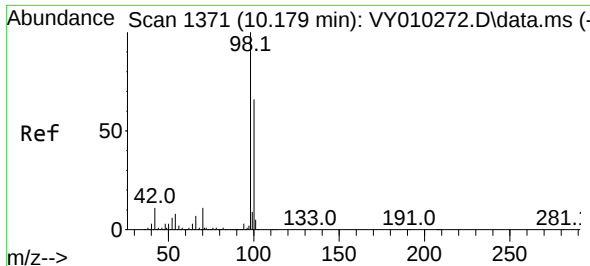
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.7 17.6 26.4

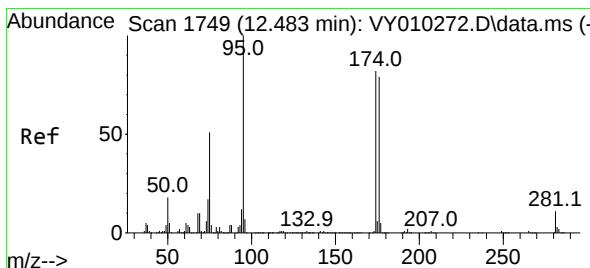
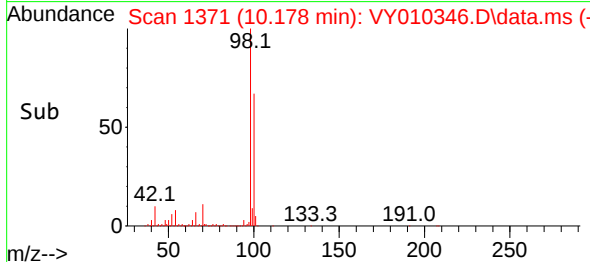
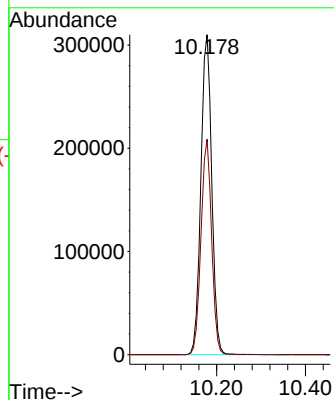
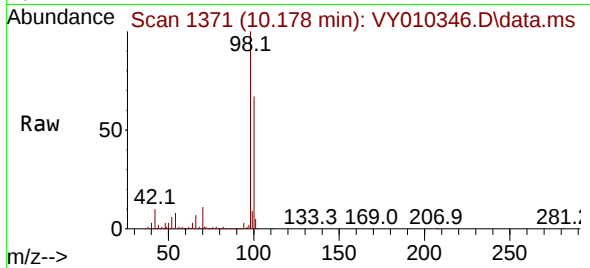




#50
Toluene-d8
Concen: 52.734 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

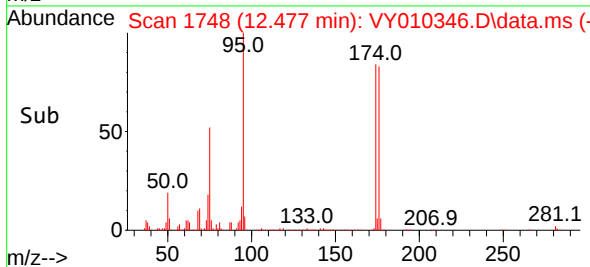
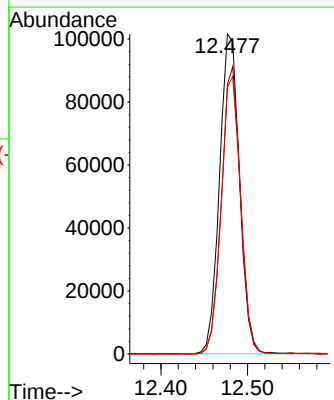
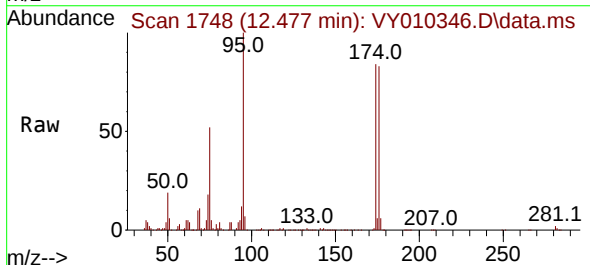
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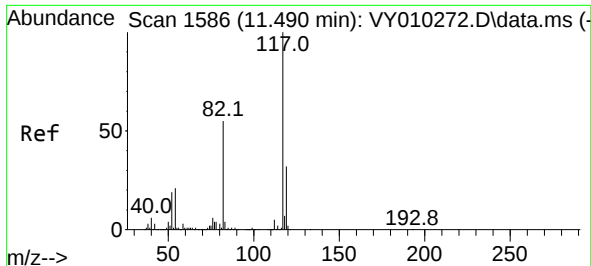
Tgt Ion: 98 Resp: 527012
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.078 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

Tgt Ion: 95 Resp: 161921
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.9 0.0 175.8

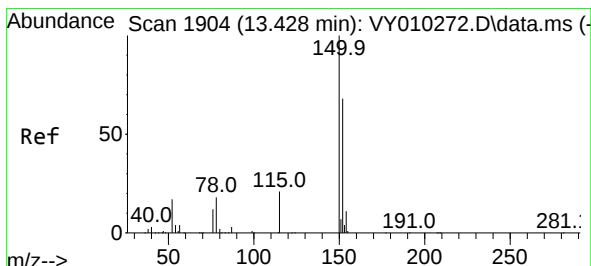
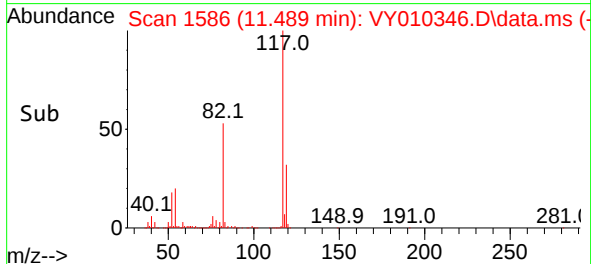
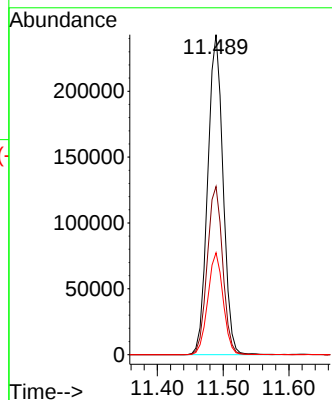
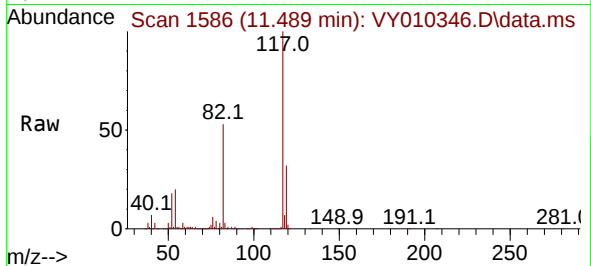




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-01-1-2

Tgt Ion:117 Resp: 393233
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010346.D
Acq: 06 Sep 2022 14:14

Tgt Ion:152 Resp: 151136
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 157.3 0.0 347.6

