

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009036.D
 Acq On : 24 May 2022 03:34
 Operator : KP/MD
 Sample : N2948-19
 Misc : 2.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-1824-01

Quant Time: May 24 04:08:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

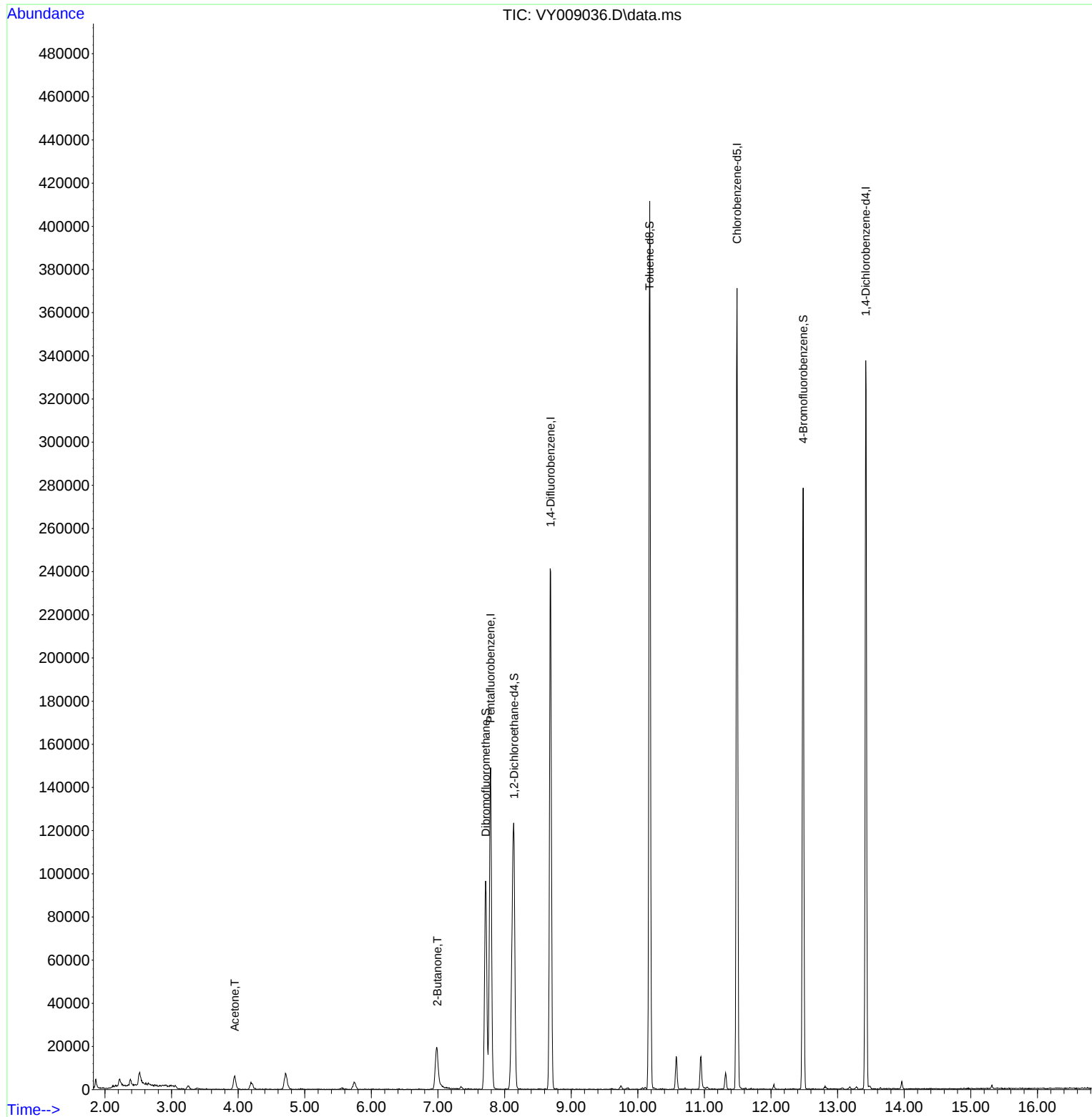
Internal Standards						
1) Pentafluorobenzene	7.789	168	113552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	81656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70495	60.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.640%	
35) Dibromofluoromethane	7.716	113	65471	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.179	98	254624	53.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.483	95	72194	37.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.660%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10409	42.789	ug/l	99
25) 2-Butanone	6.990	43	3171	7.298	ug/l #	68

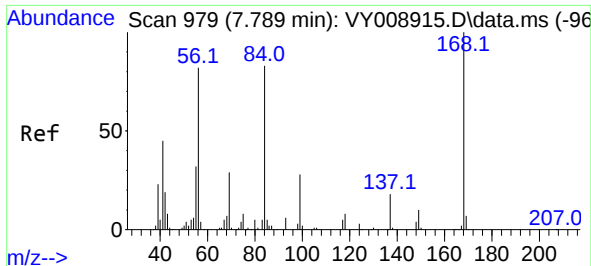
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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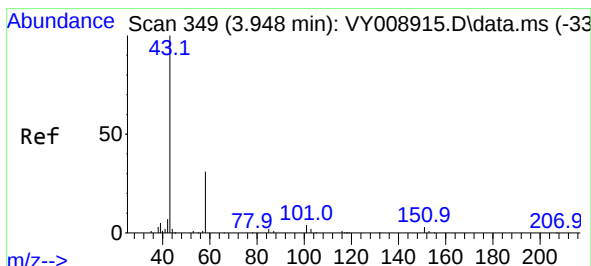
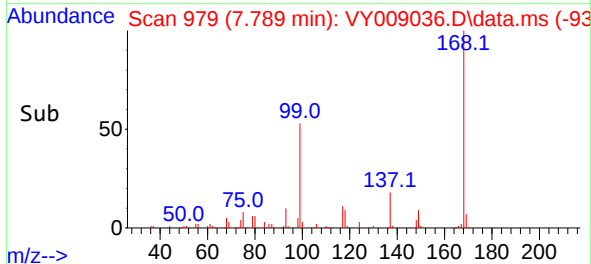
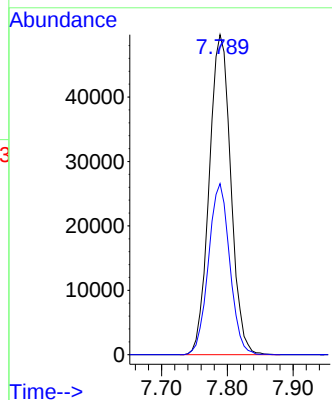
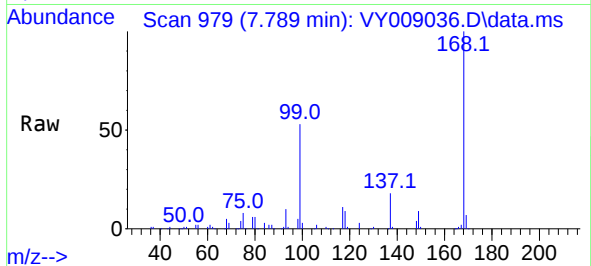




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

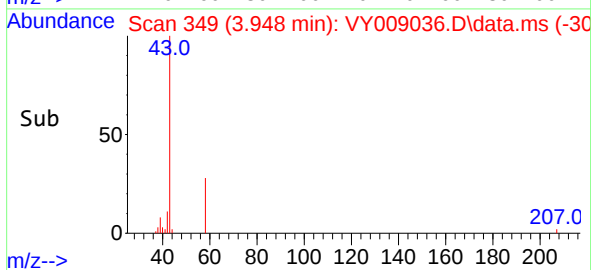
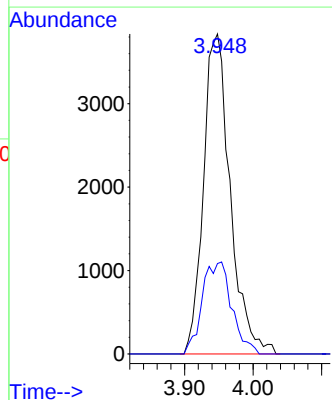
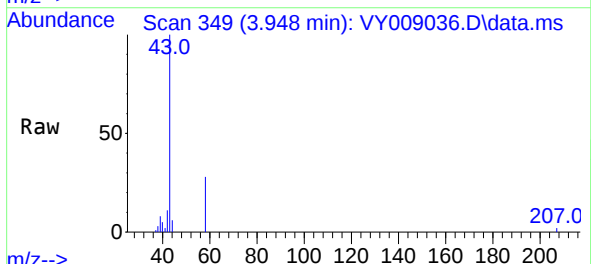
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

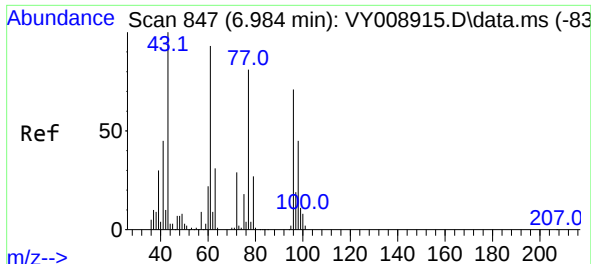
Tgt Ion:168 Resp: 113552
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#16
Acetone
Concen: 42.789 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 43 Resp: 10409
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0





#25

2-Butanone

Concen: 7.298 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

Instrument :

MSVOA_Y

ClientSampleId :

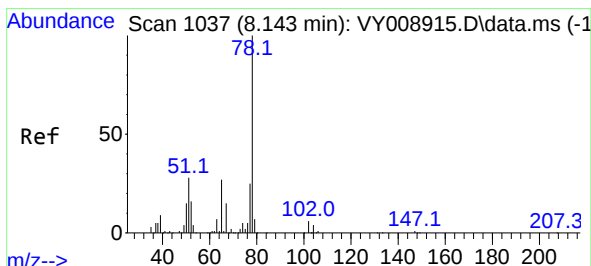
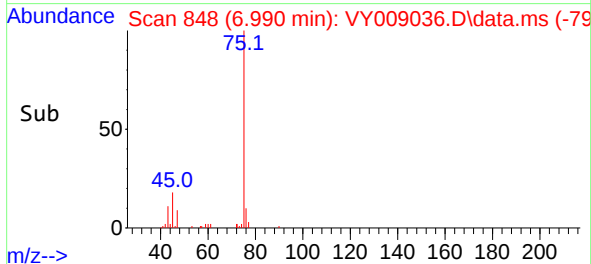
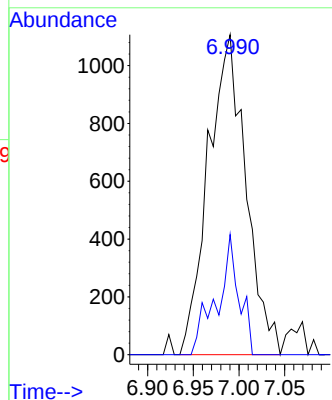
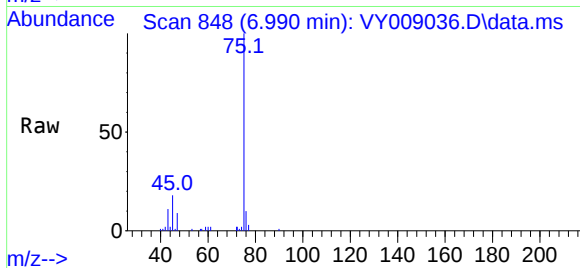
P036-SS001-1824-01

Tgt Ion: 43 Resp: 3171

Ion Ratio Lower Upper

43 100

72 37.6 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 60.321 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009036.D

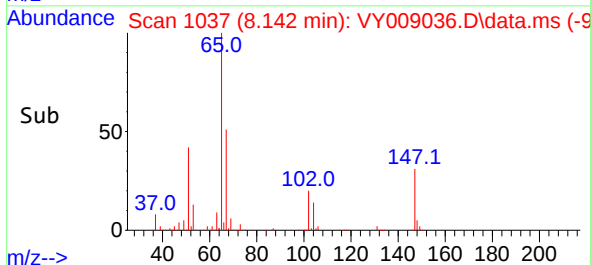
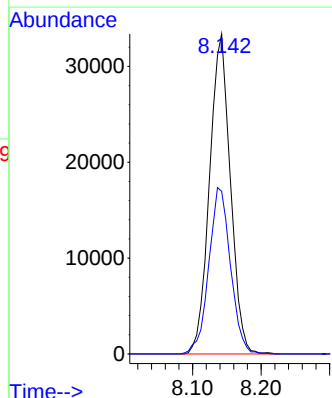
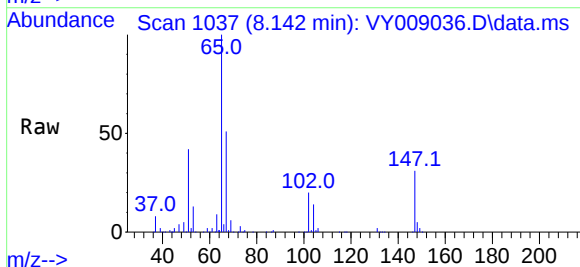
Acq: 24 May 2022 03:34

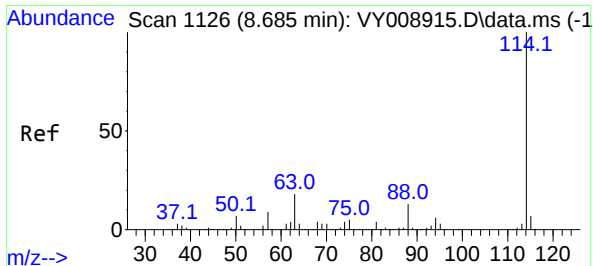
Tgt Ion: 65 Resp: 70495

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-1824-01

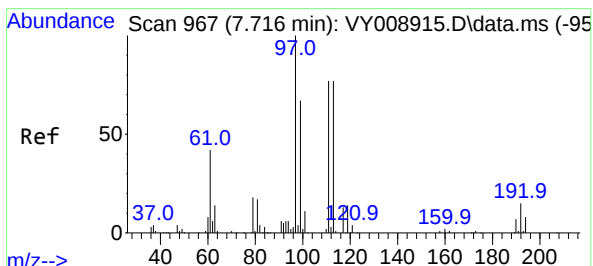
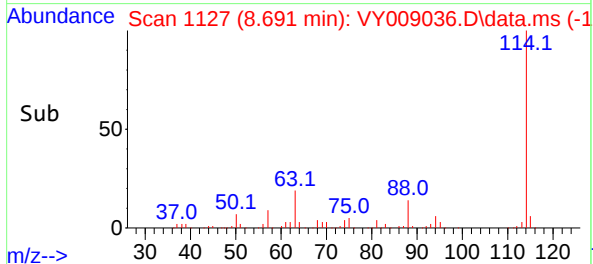
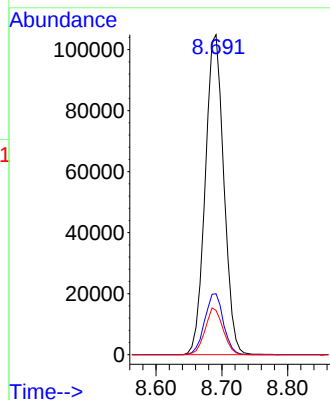
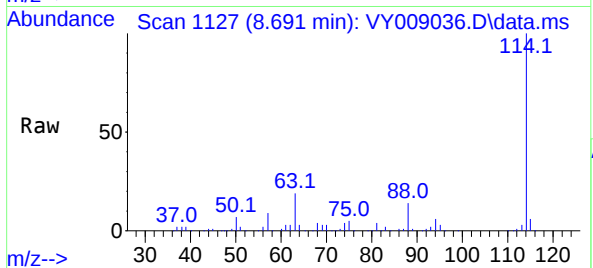
Tgt Ion:114 Resp: 206232

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009036.D

Acq: 24 May 2022 03:34

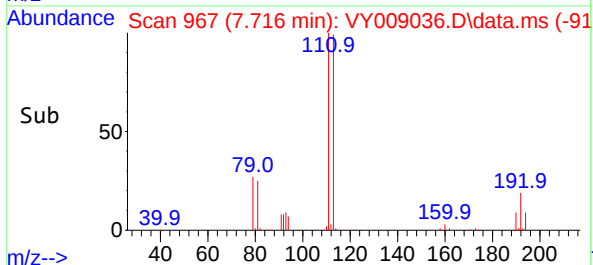
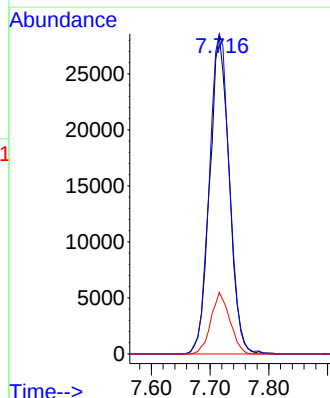
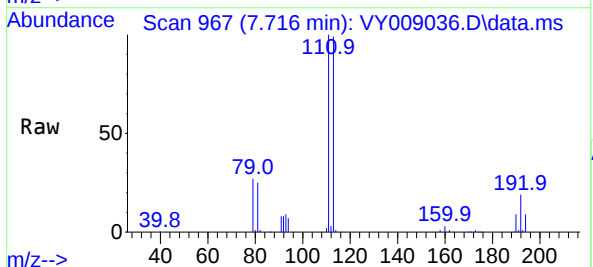
Tgt Ion:113 Resp: 65471

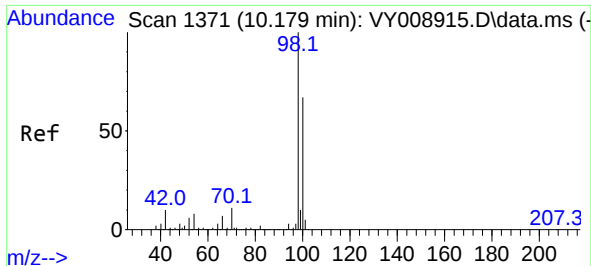
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 18.7 17.6 26.4

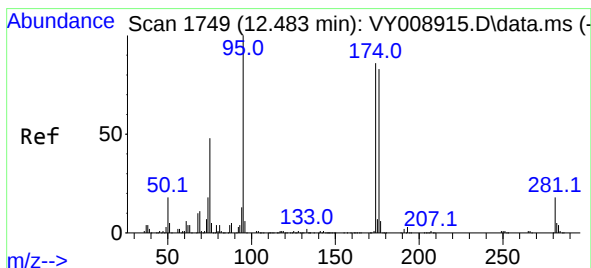
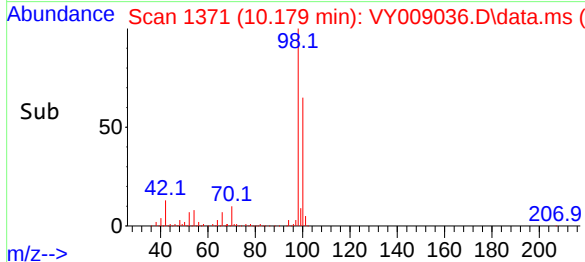
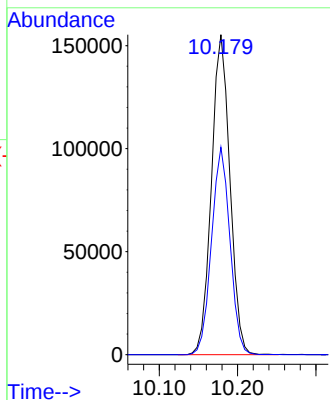
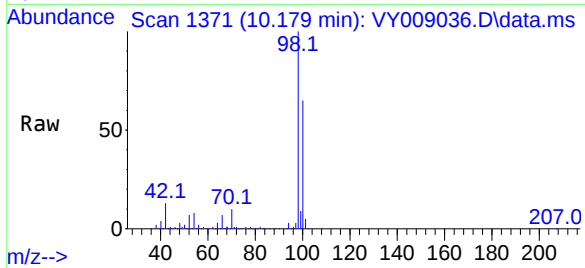




#50
Toluene-d8
Concen: 53.819 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

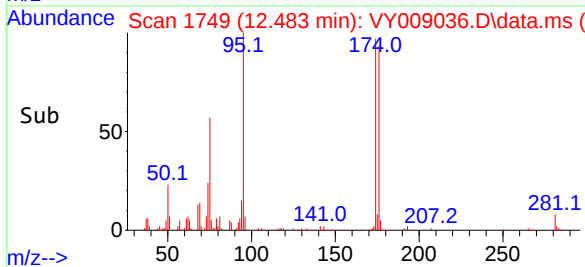
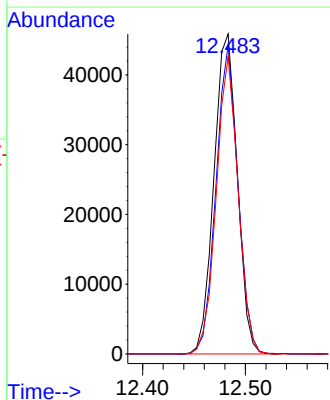
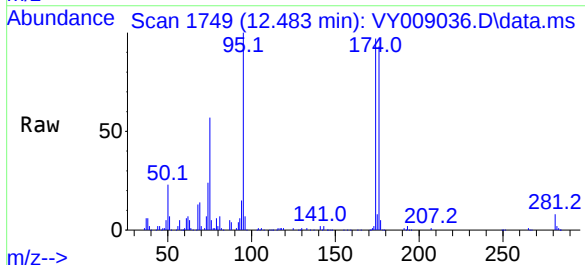
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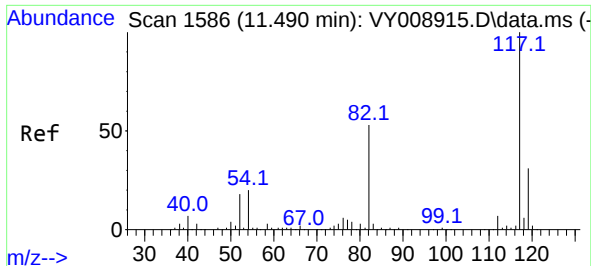
Tgt Ion: 98 Resp: 254624
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion: 95 Resp: 72194
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 87.1 0.0 175.8

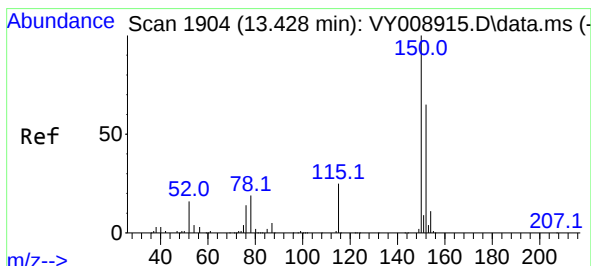
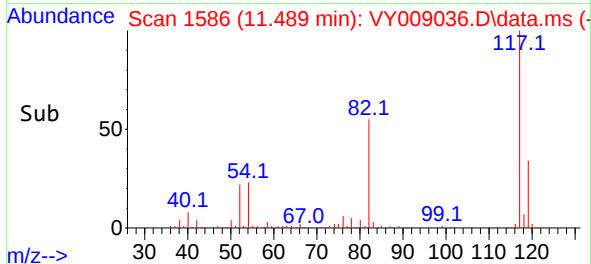
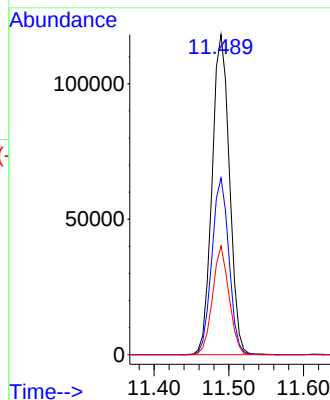
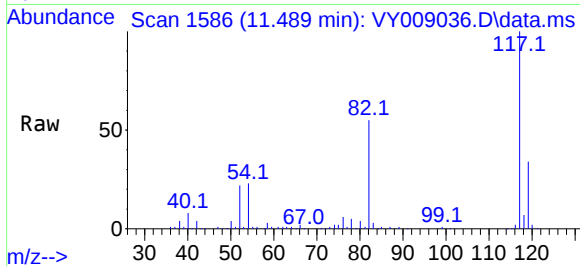




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009036.D
Acq: 24 May 2022 03:34

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-1824-01

Tgt Ion:117 Resp: 191097
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 34.0 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: VY009036.D
Acq: 24 May 2022 03:34

Tgt Ion:152 Resp: 81656
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.2 0.0 347.6

