

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009026.D
 Acq On : 23 May 2022 23:40
 Operator : KP/MD
 Sample : N2948-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0006-02

Quant Time: May 24 01:53:21 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)

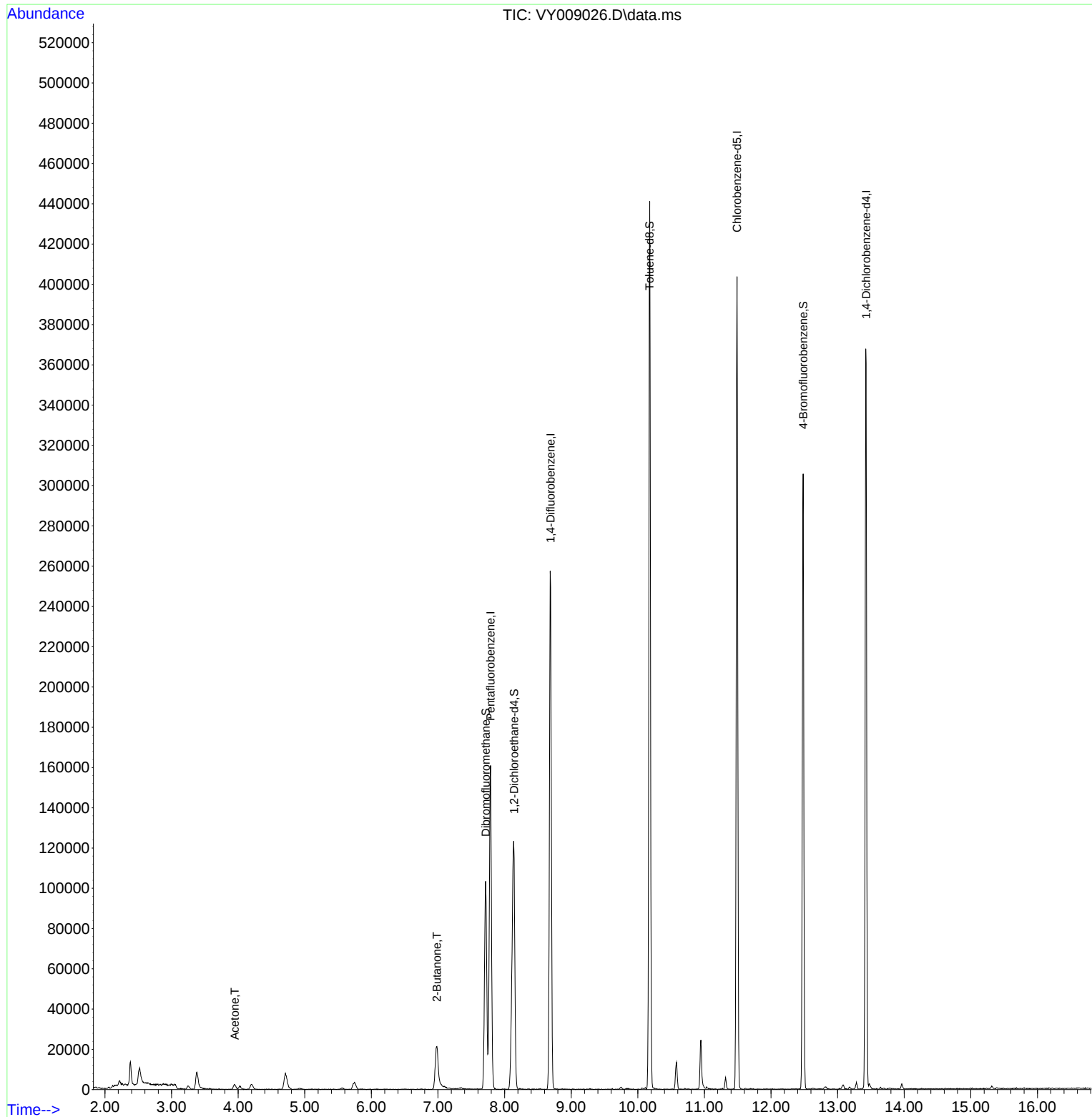
Internal Standards						
1) Pentafluorobenzene	7.789	168	122259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76690	60.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.900%
35) Dibromofluoromethane	7.715	113	69853	51.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.178	98	277641	55.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.100%
62) 4-Bromofluorobenzene	12.483	95	78823	38.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.500%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4276	16.326	ug/l	94
25) 2-Butanone	6.984	43	6745	14.418	ug/l	99

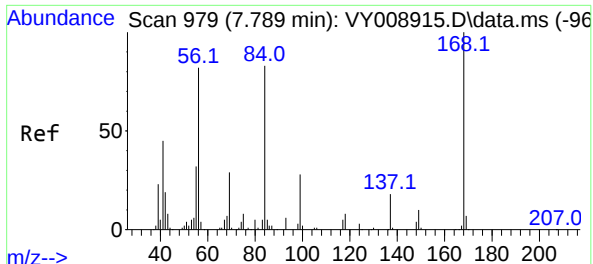
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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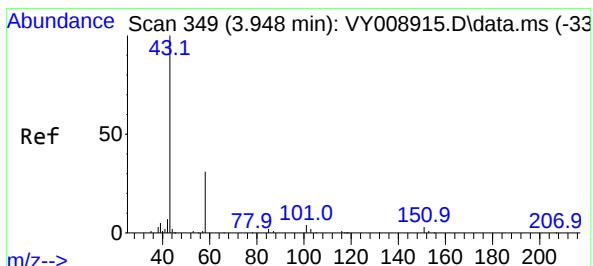
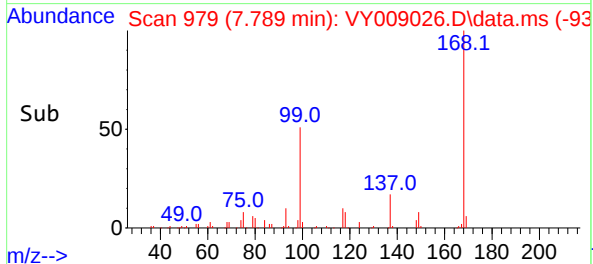
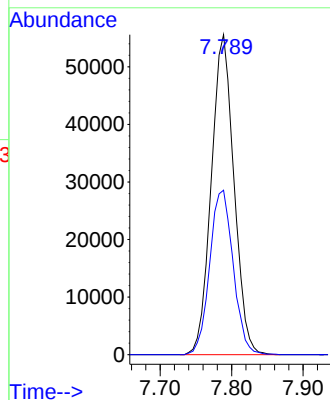
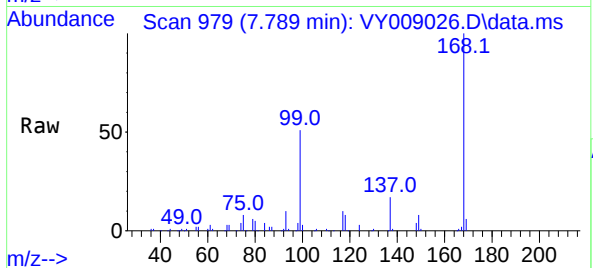




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

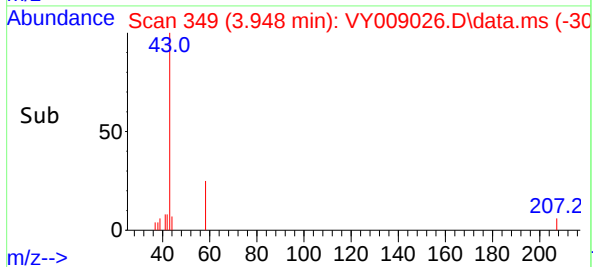
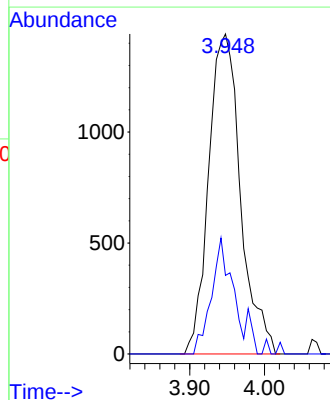
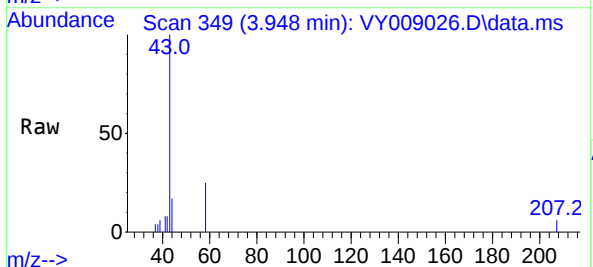
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

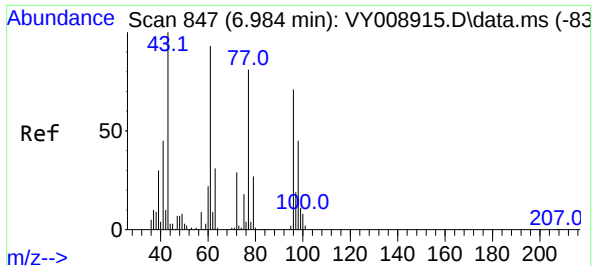
Tgt Ion:168 Resp: 122259
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#16
Acetone
Concen: 16.326 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 43 Resp: 4276
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0





#25

2-Butanone

Concen: 14.418 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY009026.D

Acq: 23 May 2022 23:40

Instrument :

MSVOA_Y

ClientSampleId :

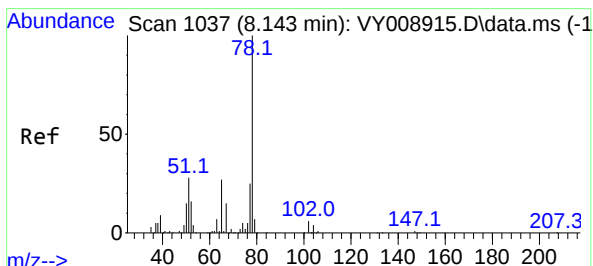
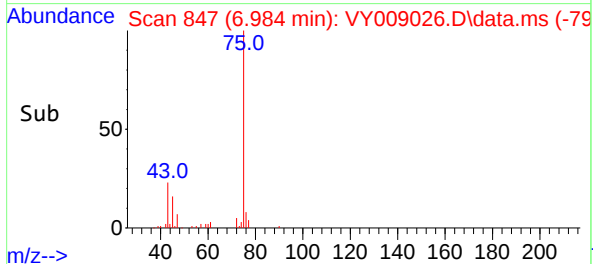
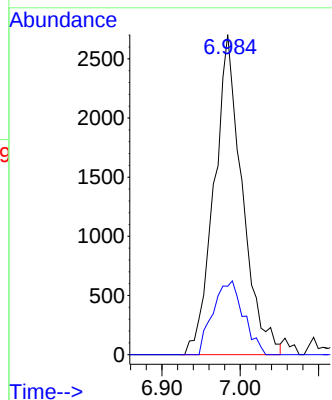
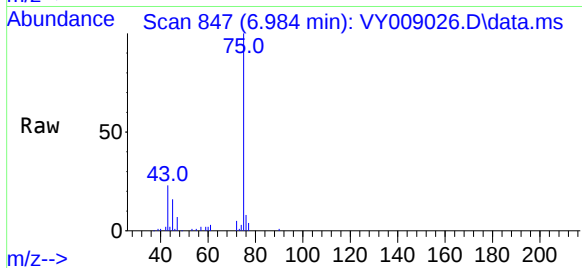
P035-SS001-0006-02

Tgt Ion: 43 Resp: 6745

Ion Ratio Lower Upper

43 100

72 21.4 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 60.949 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009026.D

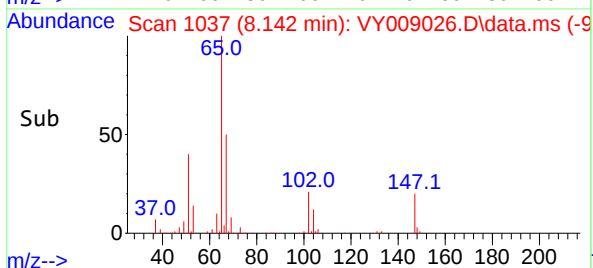
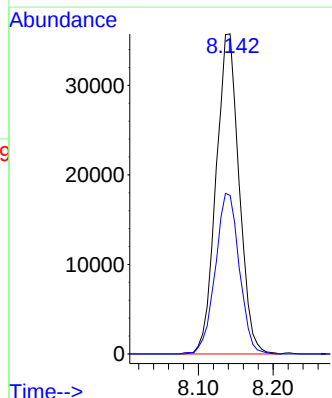
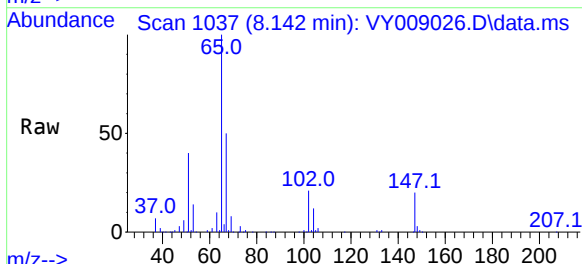
Acq: 23 May 2022 23:40

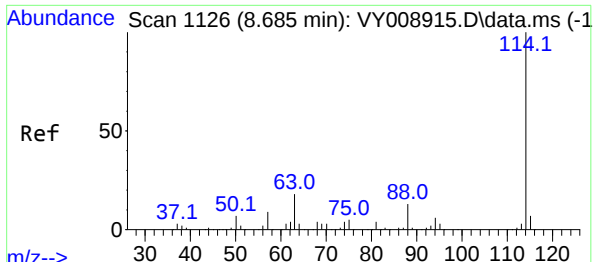
Tgt Ion: 65 Resp: 76690

Ion Ratio Lower Upper

65 100

67 52.2 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: VY009026.D

Acq: 23 May 2022 23:40

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0006-02

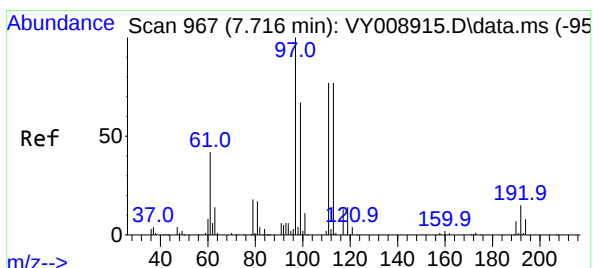
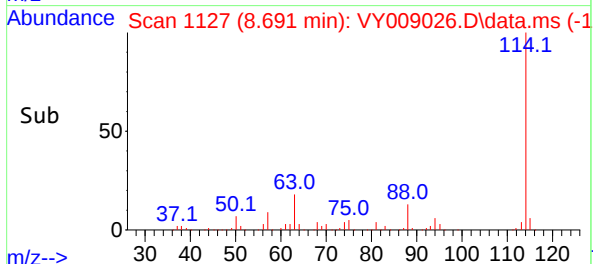
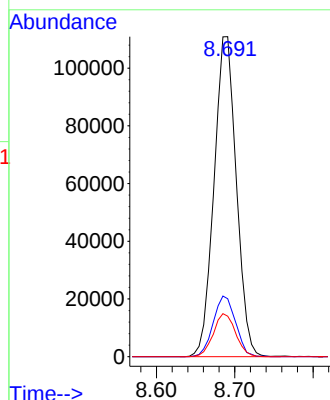
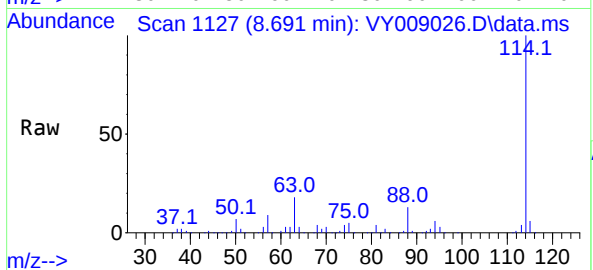
Tgt Ion:114 Resp: 219839

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.098 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009026.D

Acq: 23 May 2022 23:40

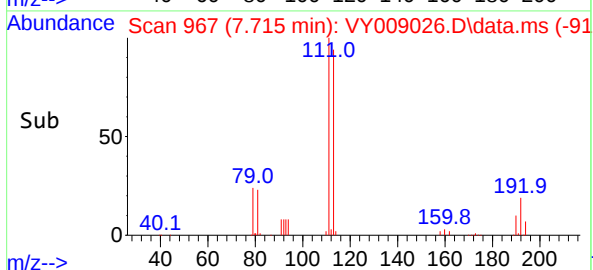
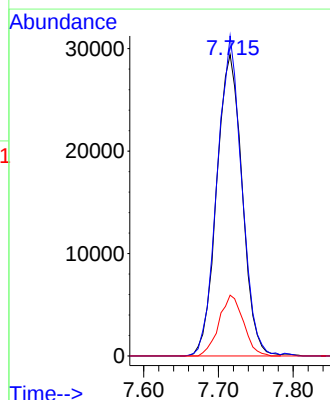
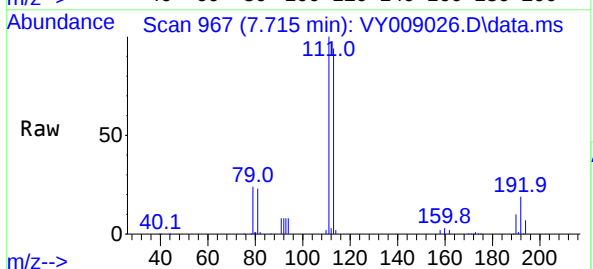
Tgt Ion:113 Resp: 69853

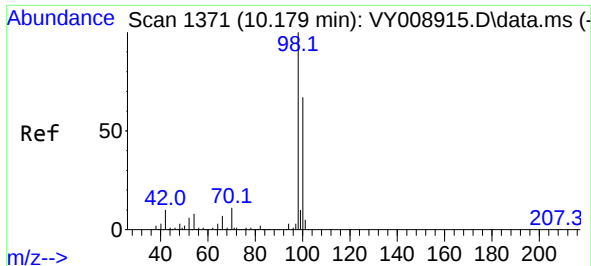
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4

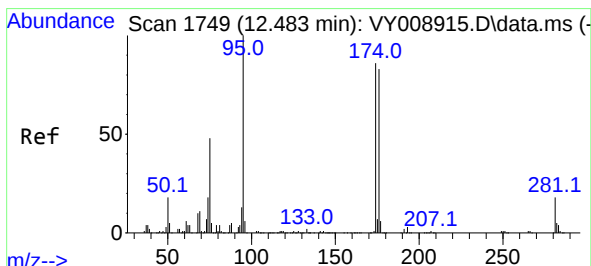
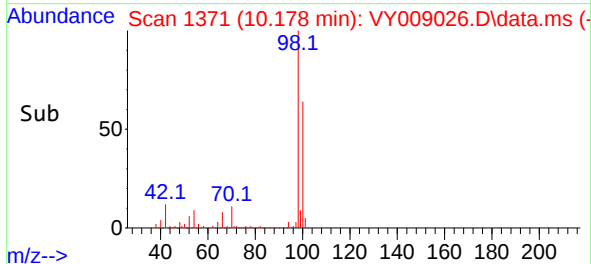
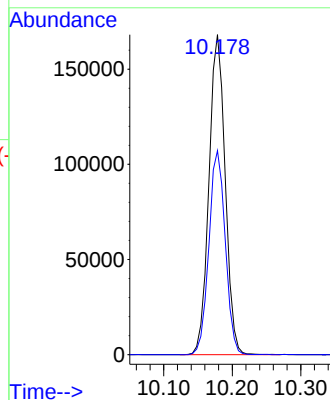
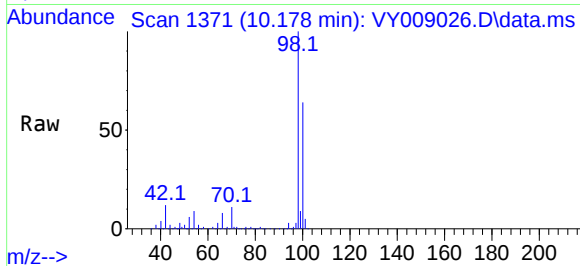




#50
Toluene-d8
Concen: 55.052 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

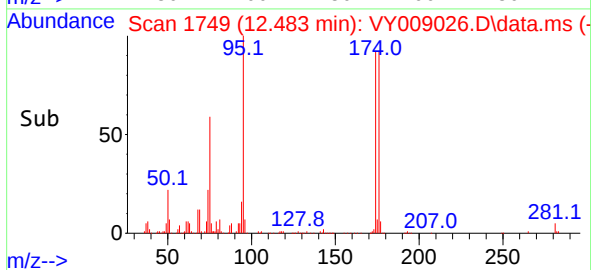
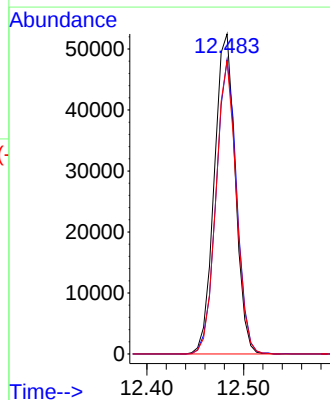
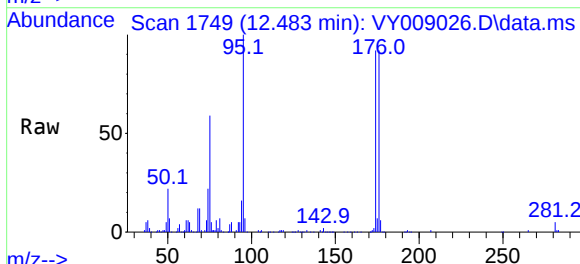
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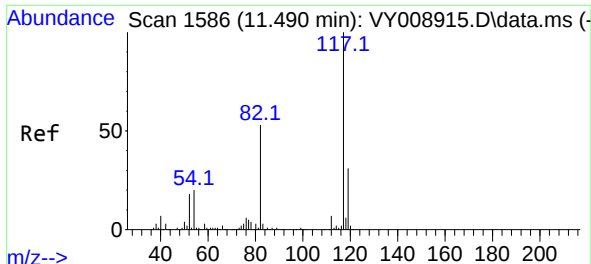
Tgt Ion: 98 Resp: 277641
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 95 Resp: 78823
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 88.6 0.0 175.8

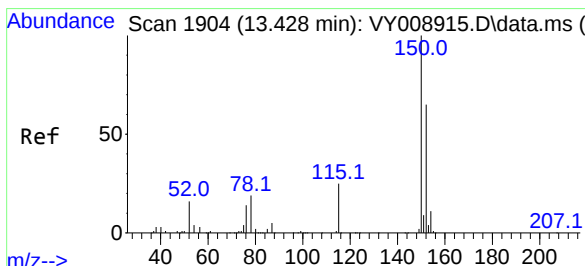
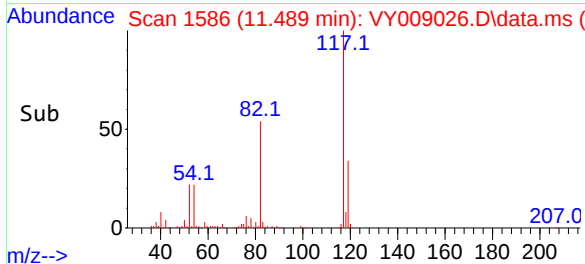
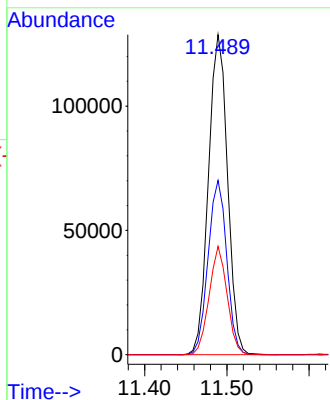
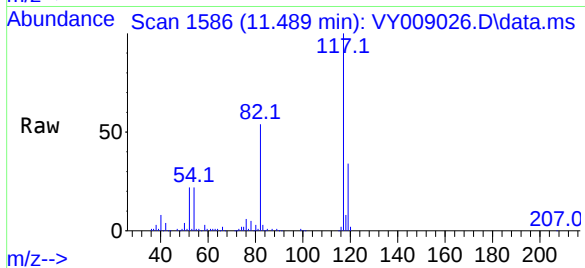




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

Tgt Ion:117 Resp: 207649
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion:152 Resp: 89330
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 156.5 0.0 347.6

