

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007530.D
 Acq On : 17 Feb 2022 18:11
 Operator : SY/MD
 Sample : N1580-05
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 18 07:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	81595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47706	52.956	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.920%			
35) Dibromofluoromethane	7.716	113	48621	52.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.960%			
50) Toluene-d8	10.179	98	177769	50.524	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.040%			
62) 4-Bromofluorobenzene	12.477	95	67848	56.870	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.740%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.179	83	2299m	1.180	ug/l	

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

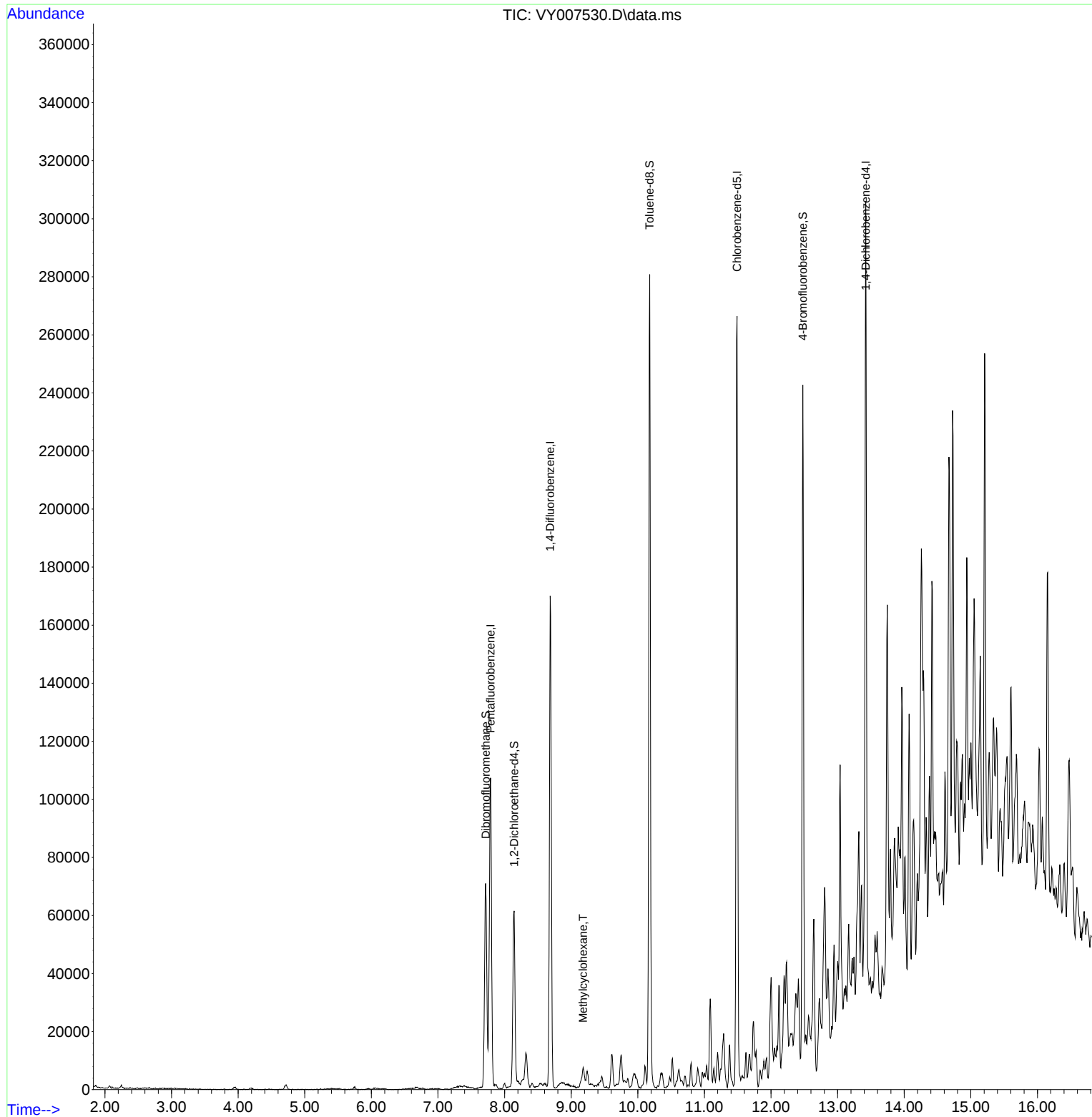
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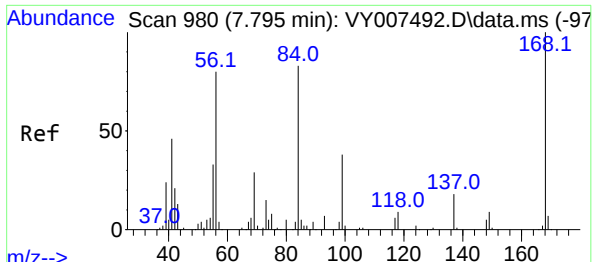
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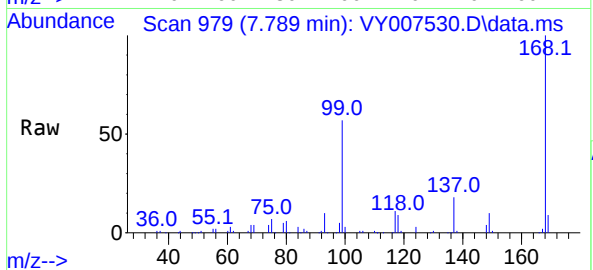
Quant Time: Feb 18 07:42:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 15 09:34:50 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007530.D
Acq: 17 Feb 2022 18:11

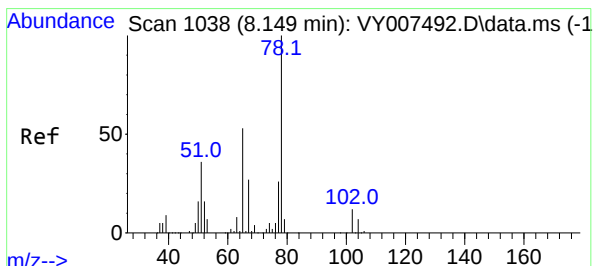
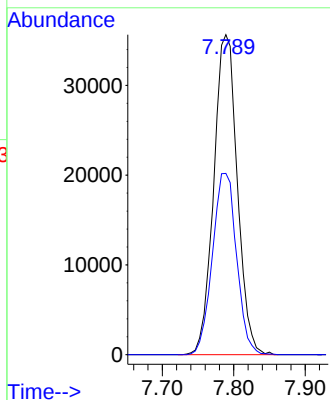
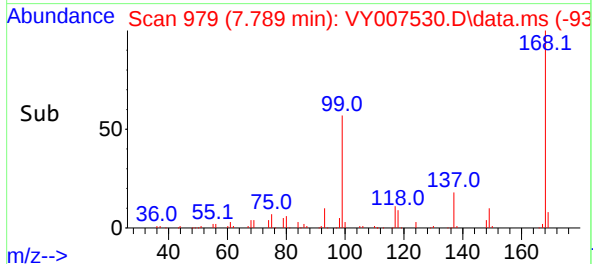
Instrument :
MSVOA_Y
ClientSampleId :
D-5



Tgt Ion:168 Resp: 8159
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3

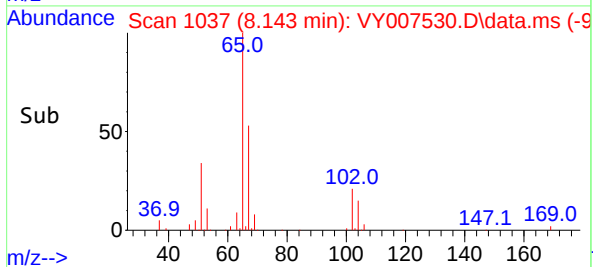
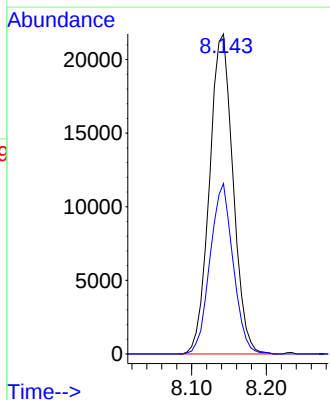
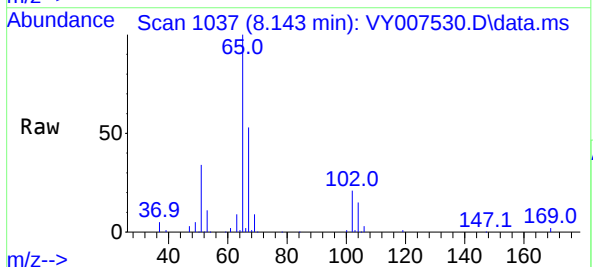
Manual Integrations
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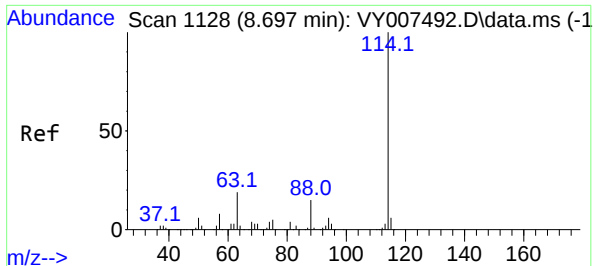
Reviewed By :John Carlone 02/18/2022
Supervised By :Mahesh Dadoda 02/21/2022



#33
1,2-Dichloroethane-d4
Concen: 52.956 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007530.D
Acq: 17 Feb 2022 18:11

Tgt Ion: 65 Resp: 47706
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007530.D

Acq: 17 Feb 2022 18:11

Instrument :

MSVOA_Y

ClientSampleId :

D-5

Tgt Ion:114 Resp: 146898

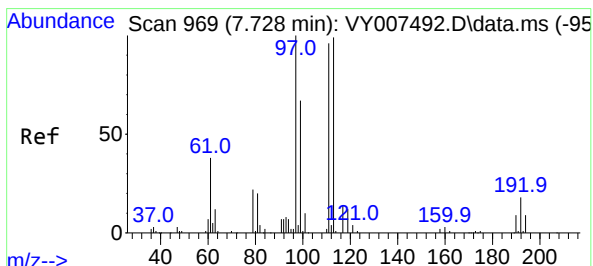
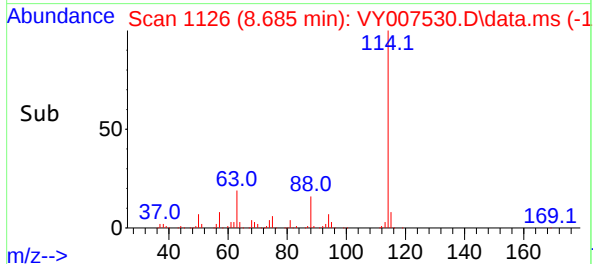
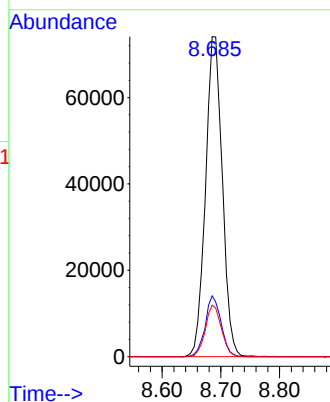
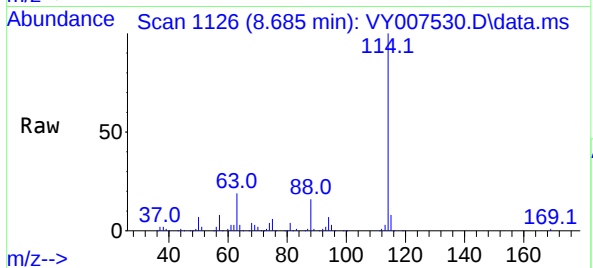
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	16.1	0.0	31.8

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#35

Dibromofluoromethane

Concen: 52.485 ug/l

RT: 7.716 min Scan# 967

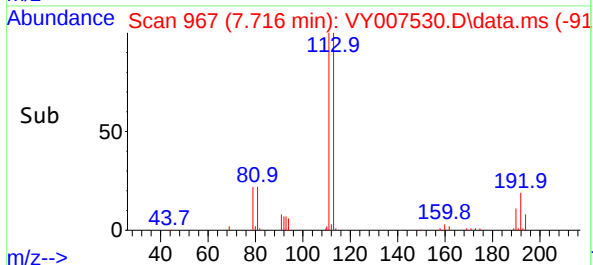
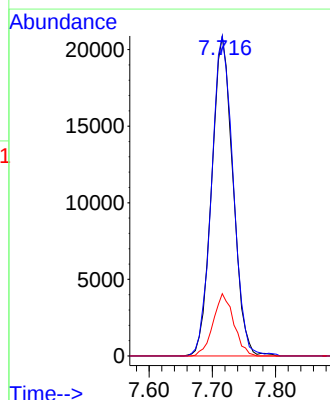
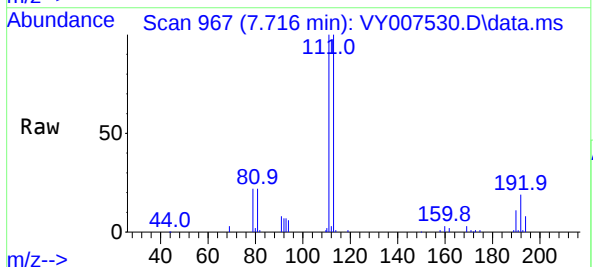
Delta R.T. -0.006 min

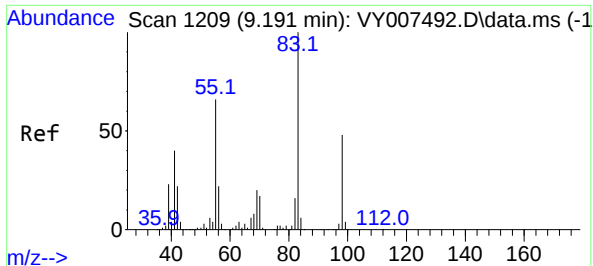
Lab File: VY007530.D

Acq: 17 Feb 2022 18:11

Tgt Ion:113 Resp: 48621

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	124.0
192	18.8	17.6	26.4





#39

Methylcyclohexane

Concen: 1.180 ug/l m

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007530.D

Acq: 17 Feb 2022 18:11

Instrument :

MSVOA_Y

ClientSampleId :

D-5

Tgt Ion: 83 Resp: 229

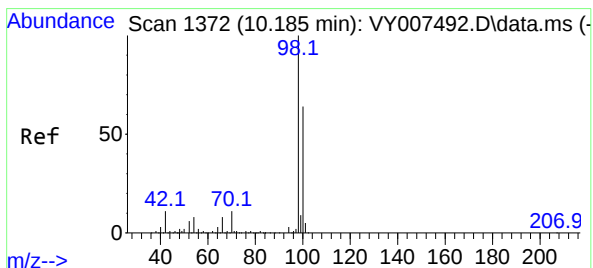
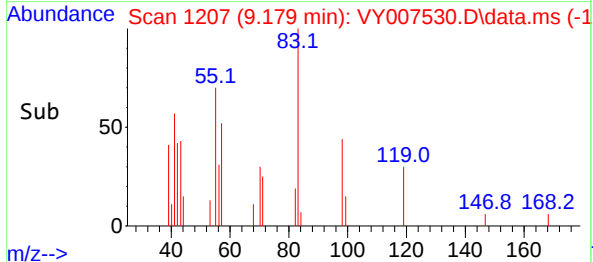
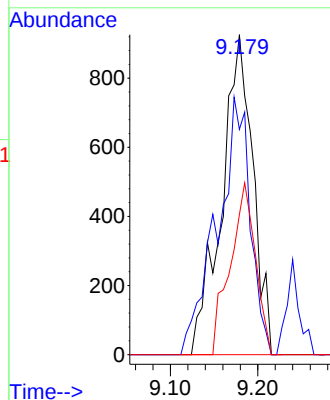
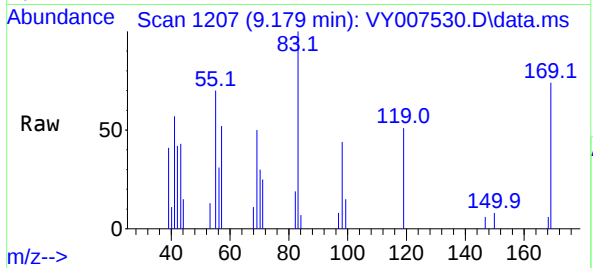
Ion	Ratio	Lower	Upper
83	100		
55	70.4	66.5	99.7
98	43.7	37.9	56.9

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#50

Toluene-d8

Concen: 50.524 ug/l

RT: 10.179 min Scan# 1371

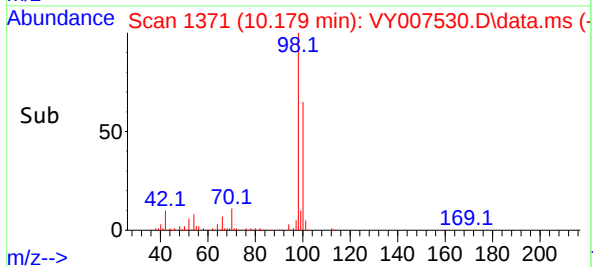
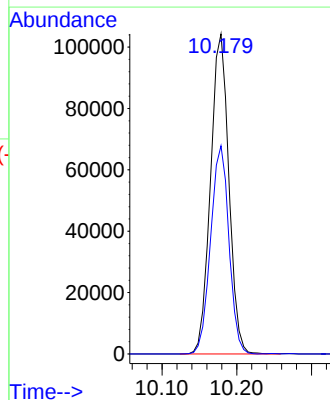
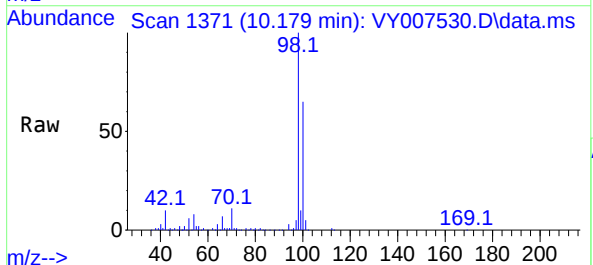
Delta R.T. -0.006 min

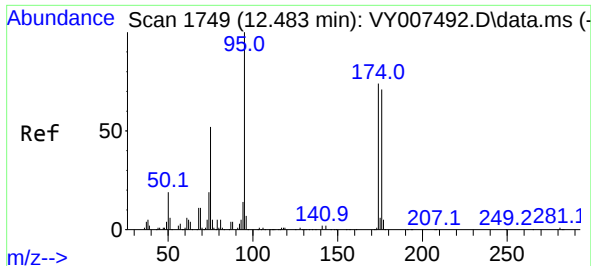
Lab File: VY007530.D

Acq: 17 Feb 2022 18:11

Tgt Ion: 98 Resp: 177769

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2





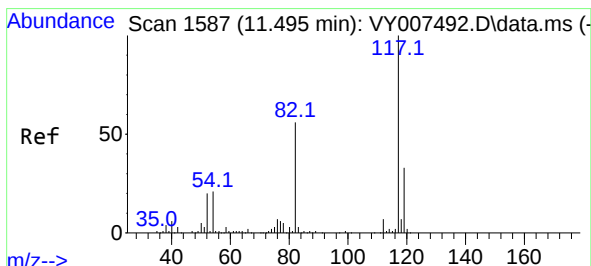
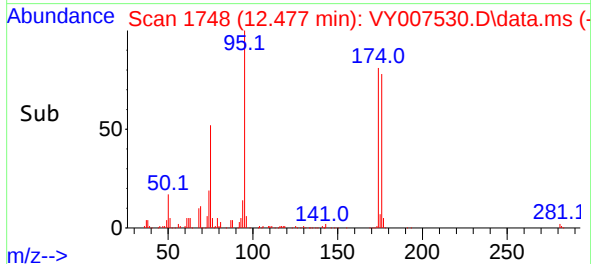
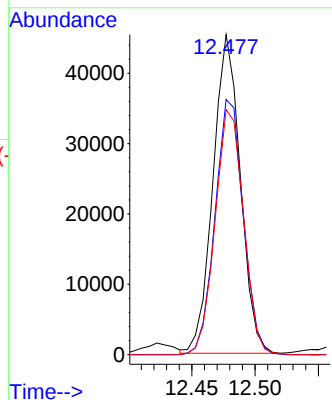
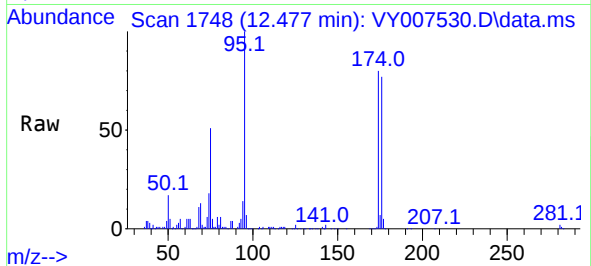
#62
4-Bromofluorobenzene
Concen: 56.870 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007530.D
Acq: 17 Feb 2022 18:11

Instrument :
MSVOA_Y
ClientSampleId :
D-5

Tgt Ion: 95 Resp: 6784
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 80.0 0.0 175.8

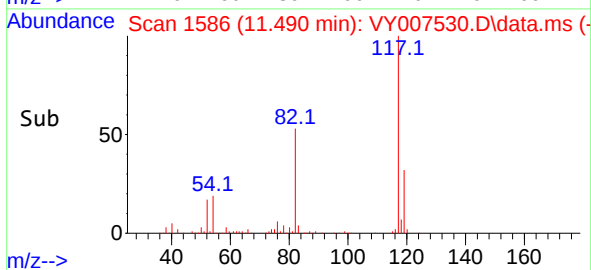
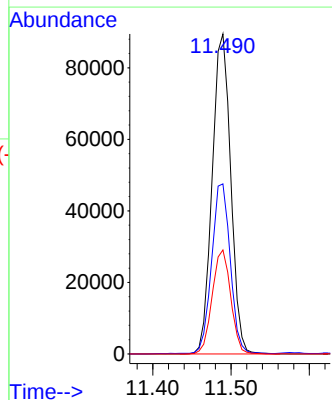
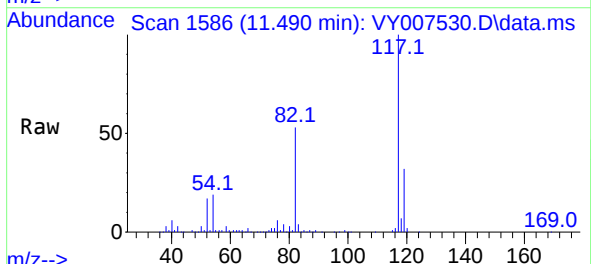
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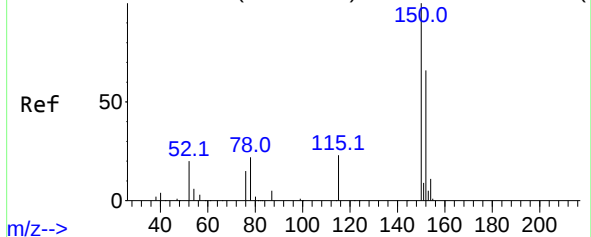


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007530.D
Acq: 17 Feb 2022 18:11

Tgt Ion:117 Resp: 147008
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 32.5 25.4 38.0

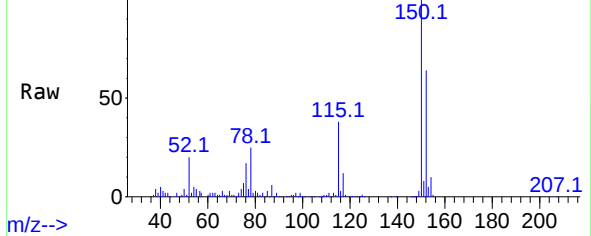


Abundance Scan 1904 (13.428 min): VY007492.D\data.ms (-



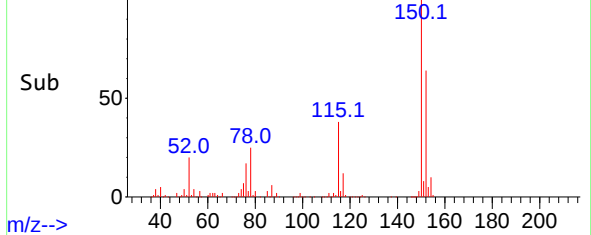
m/z-->

Abundance Scan 1903 (13.422 min): VY007530.D\data.ms (-



m/z-->

Abundance Scan 1903 (13.422 min): VY007530.D\data.ms (-



m/z-->

#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007530.D

Acq: 17 Feb 2022 18:11

Tgt Ion:152 Resp: 6879

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 157.2 0.0 347.6

Instrument :

MSVOA_Y

ClientSampleId :

D-5

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