

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018292.D
 Acq On : 16 May 2024 17:58
 Operator : SY/MD
 Sample : P2497-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280856

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 01:18:03 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	137426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76578	75.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 151.480%	
35) Dibromofluoromethane	7.710	113	82014	56.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.660%	
50) Toluene-d8	10.179	98	318682	56.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.483	95	95886	52.213	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.420%	
Target Compounds						
16) Acetone	3.942	43	3454m	17.120	ug/l	Qvalue
20) Methylene Chloride	4.704	84	12949	9.080	ug/l	97

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

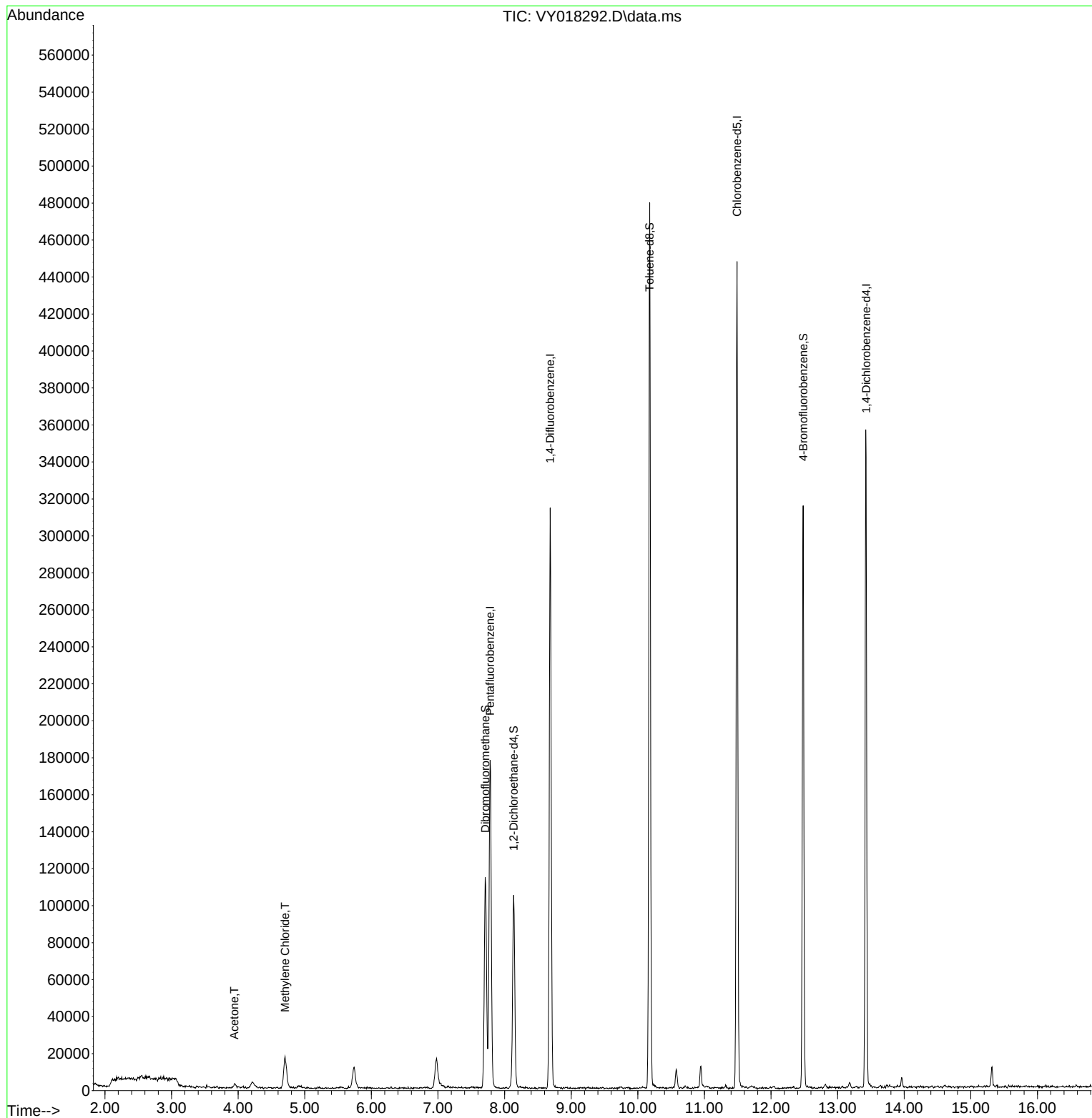
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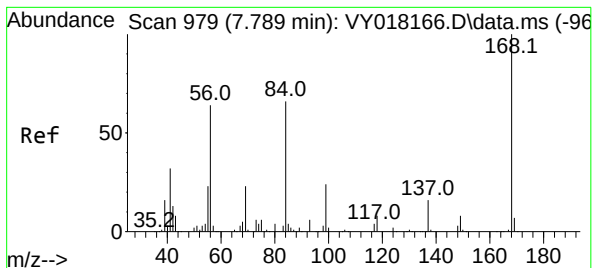
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY018292.D

Acq: 16 May 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

280856

Tgt Ion:168 Resp: 137420

Ion Ratio Lower Upper

168 100

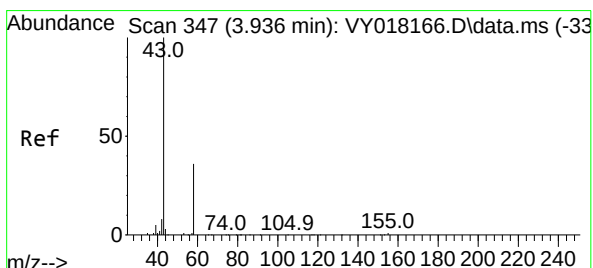
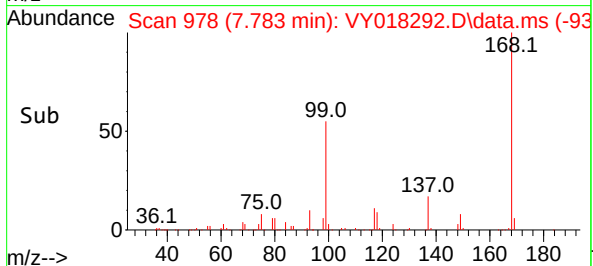
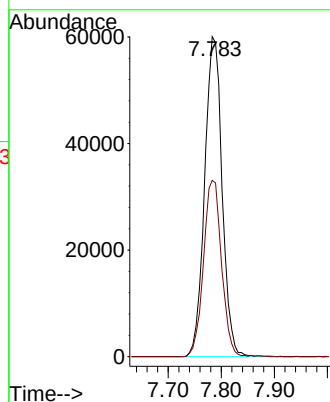
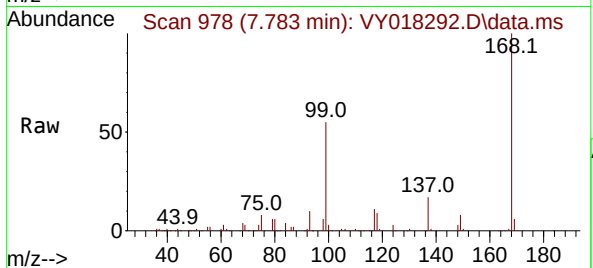
99 55.1 39.1 58.7

Manual Integrations

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#16

Acetone

Concen: 17.120 ug/l m

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018292.D

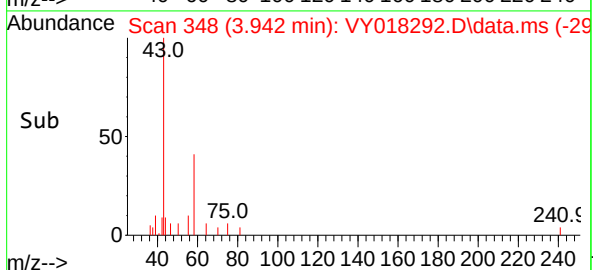
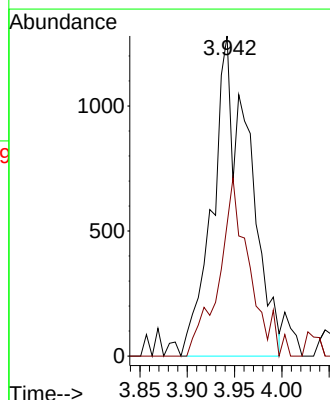
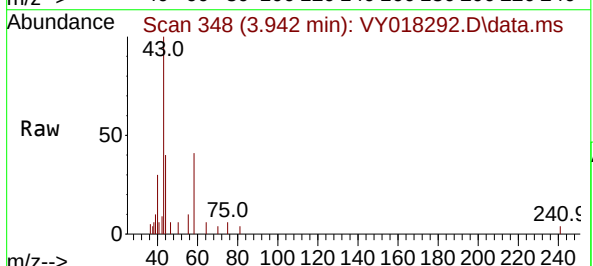
Acq: 16 May 2024 17:58

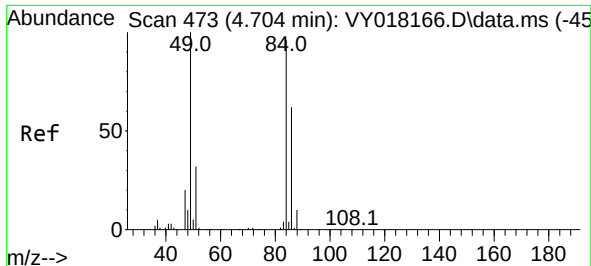
Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

58 41.2 31.7 47.5





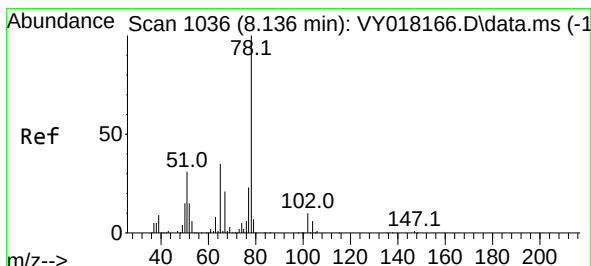
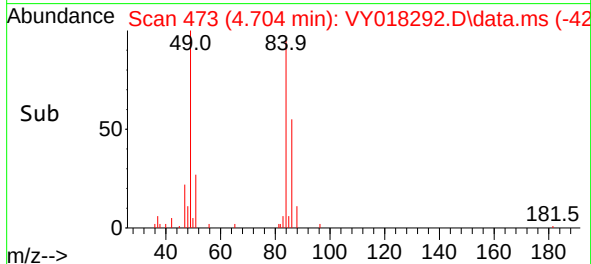
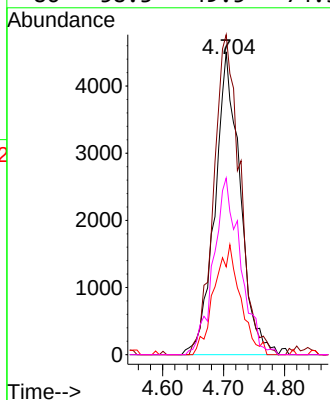
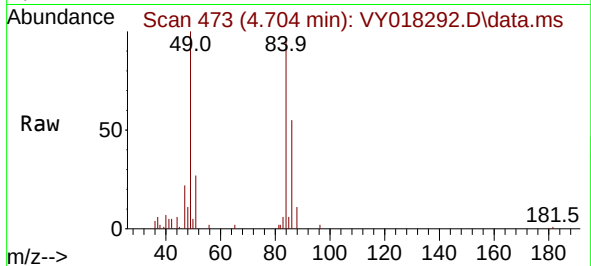
#20
Methylene Chloride
Concen: 9.080 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58

Instrument :
MSVOA_Y
ClientSampleId :
280856

Tgt Ion: 84 Resp: 12949
Ion Ratio Lower Upper
84 100
49 105.7 84.4 126.6
51 29.0 26.0 39.0
86 58.3 49.5 74.3

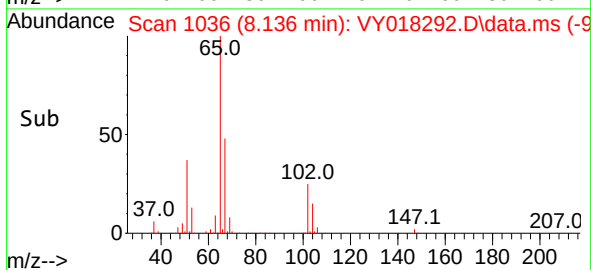
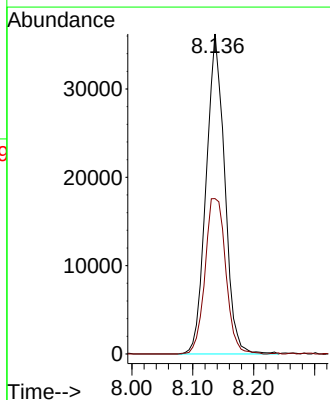
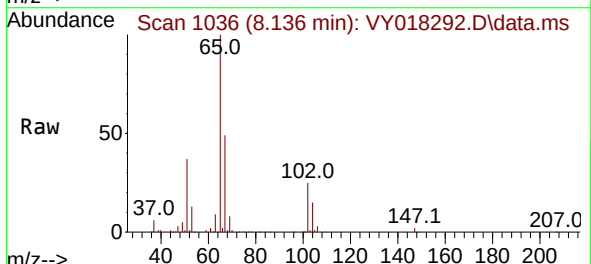
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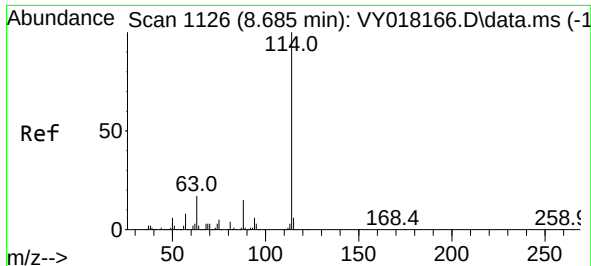
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024



#33
1,2-Dichloroethane-d4
Concen: 75.745 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58

Tgt Ion: 65 Resp: 76578
Ion Ratio Lower Upper
65 100
67 54.4 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: VY018292.D

Acq: 16 May 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

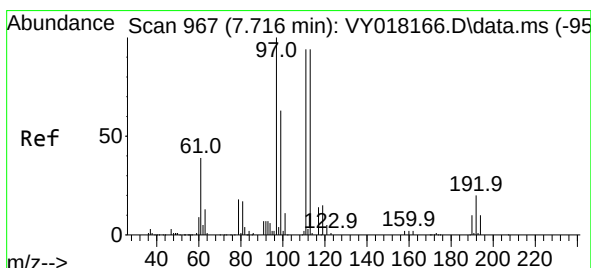
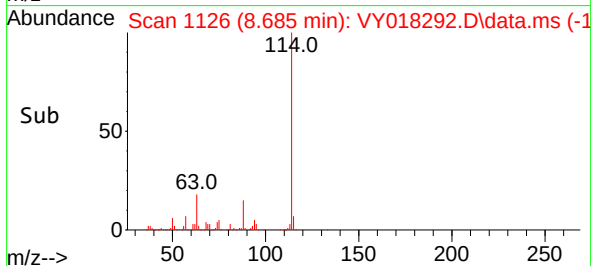
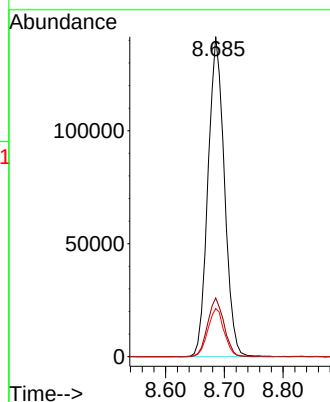
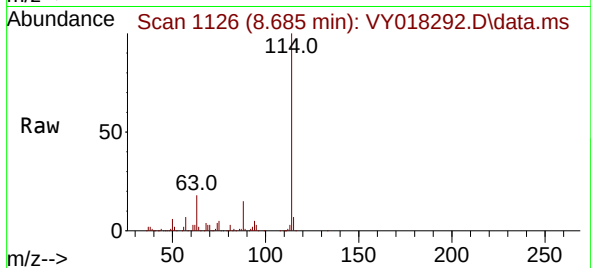
280856

Tgt Ion:	114	Resp:	27458
Ion Ratio	Lower	Upper	
114	100		
63	18.3	0.0	35.0
88	15.0	0.0	27.2

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#35

Dibromofluoromethane

Concen: 56.833 ug/l

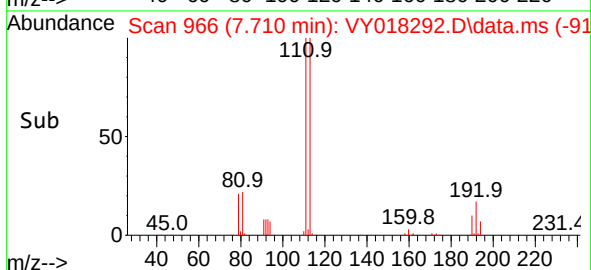
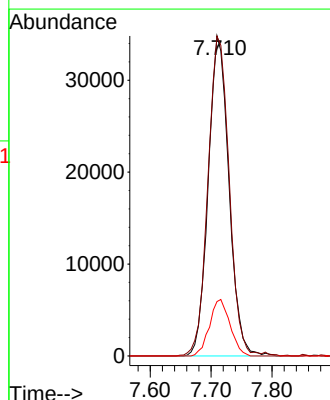
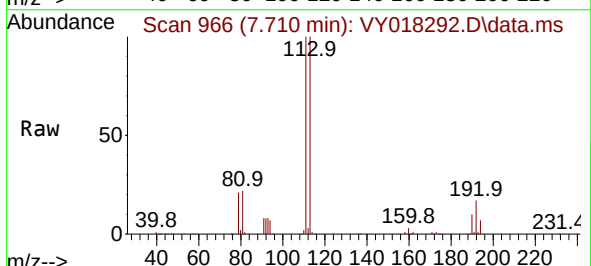
RT: 7.710 min Scan# 966

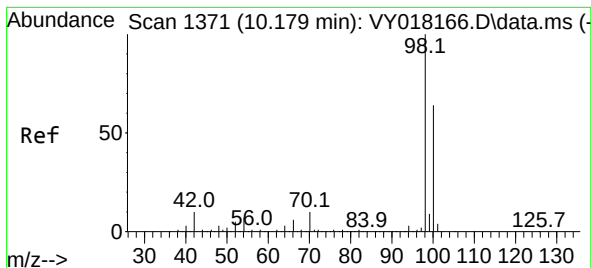
Delta R.T. -0.006 min

Lab File: VY018292.D

Acq: 16 May 2024 17:58

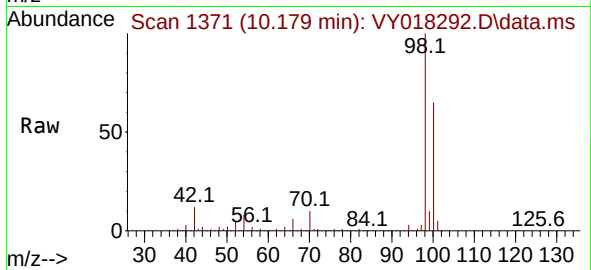
Tgt Ion:	113	Resp:	82014
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.2	123.4
192	17.5	15.9	23.9





#50
Toluene-d8
Concen: 56.040 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58

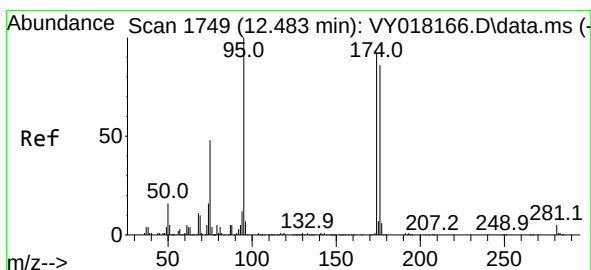
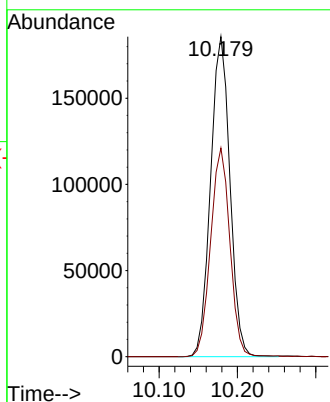
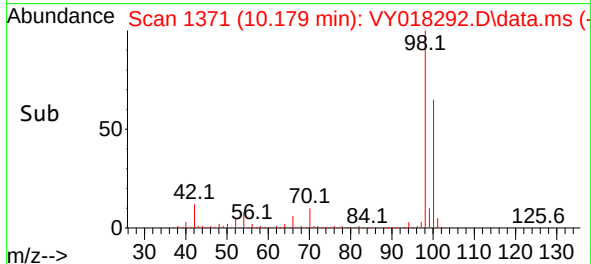
Instrument :
MSVOA_Y
ClientSampleId :
280856



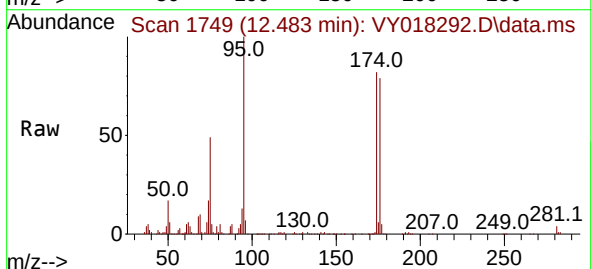
Tgt Ion: 98 Resp: 31868
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

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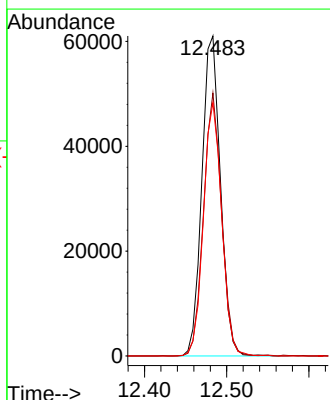
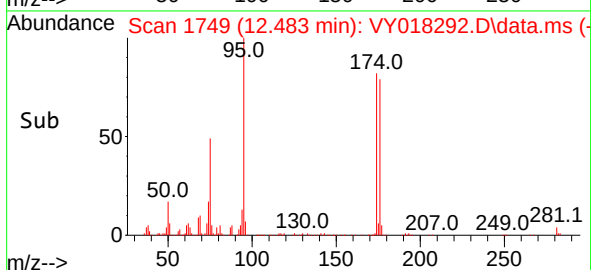
Reviewed By :Semsettin Yesilyurt 05/17/2024
Supervised By :Mahesh Dadoda 05/17/2024

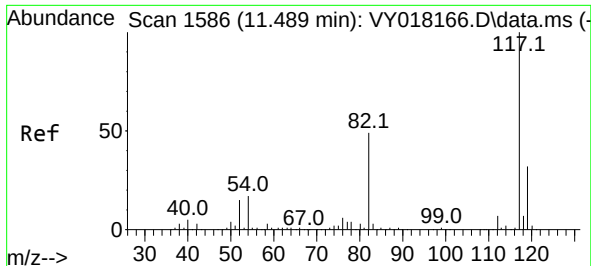


#62
4-Bromofluorobenzene
Concen: 52.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58



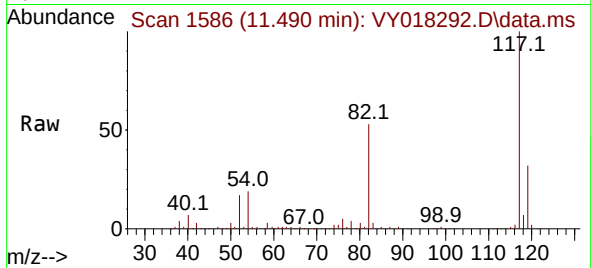
Tgt Ion: 95 Resp: 95886
Ion Ratio Lower Upper
95 100
174 79.7 0.0 175.6
176 77.9 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58

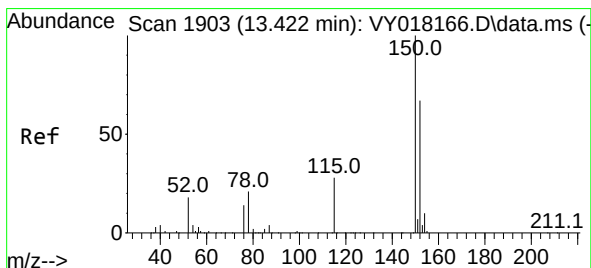
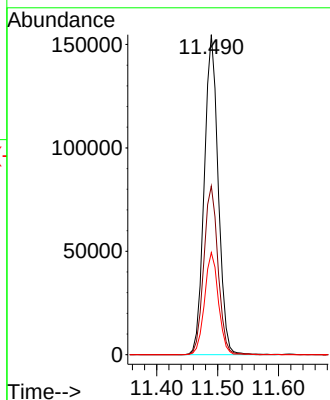
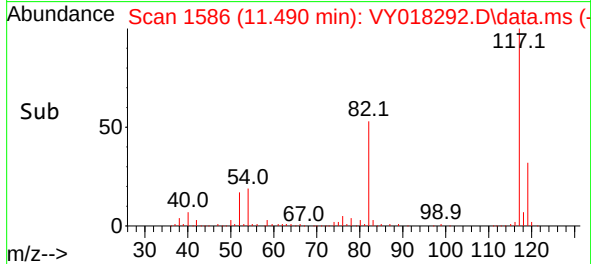
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MSVOA_Y
ClientSampleId :
280856



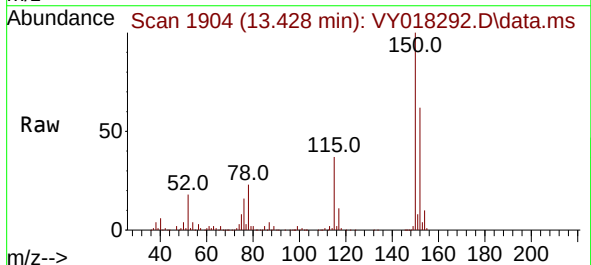
Tgt Ion:117 Resp: 246615
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.9 25.9 38.9

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018292.D
Acq: 16 May 2024 17:58



Tgt Ion:152 Resp: 90246
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.9 0.0 345.6

