

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012176.D
 Acq On : 12 Jan 2023 14:46
 Operator : KP/MD
 Sample : 01132-07
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-2

Quant Time: Jan 13 00:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	47179	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	57153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	37494	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	5591	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12750	24.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	48.100%#
35) Dibromofluoromethane	7.710	113	6889m	18.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.680%#
50) Toluene-d8	10.191	98	59343	40.023	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.040%
62) 4-Bromofluorobenzene	12.495	95	8519	16.437	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	32.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	2796	5.287	ug/l	95
10) Methyl Iodide	3.966	142	15530	24.357	ug/l	91
49) 1,4-Dioxane	9.411	88	7393m	2291.861	ug/l	
73) Isopropylbenzene	12.349	105	2185	4.939	ug/l #	60

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

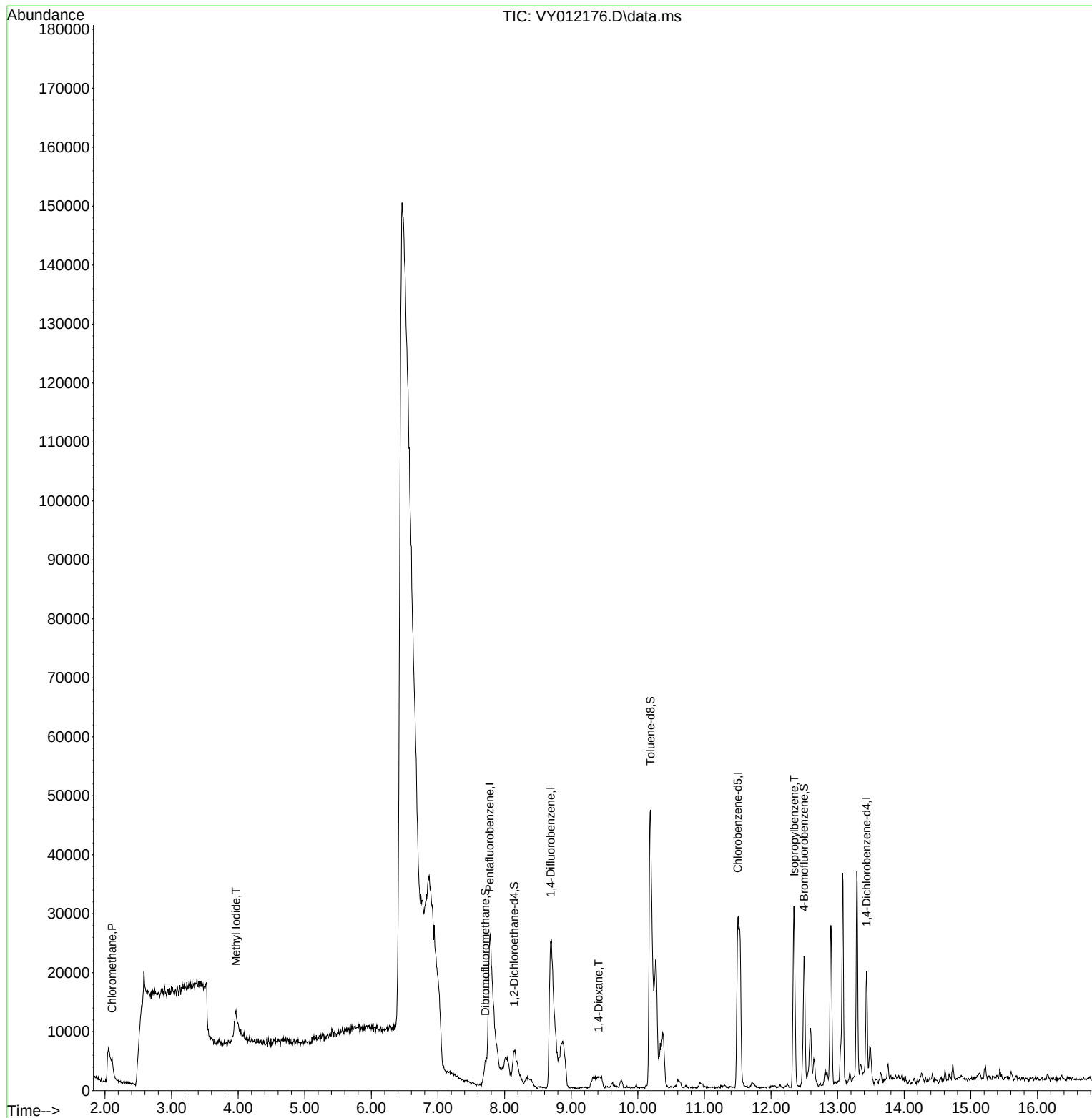
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
Data File : VY012176.D
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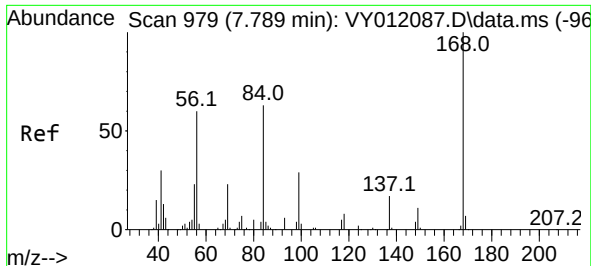
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

Quant Time: Jan 13 00:38:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
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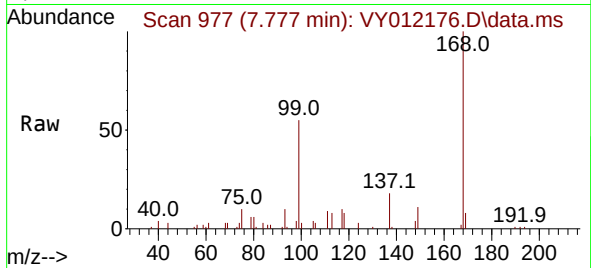
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

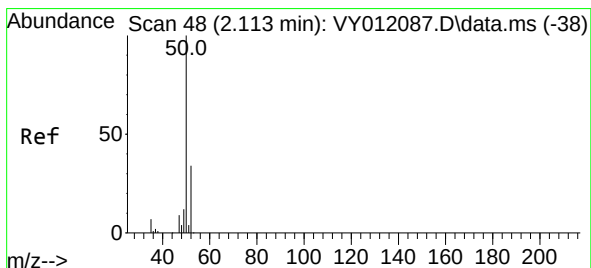
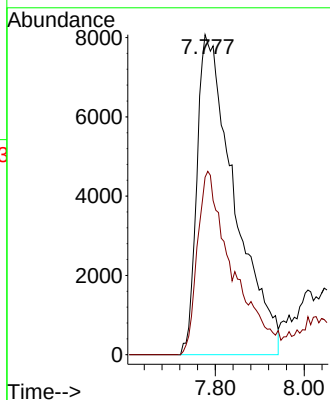
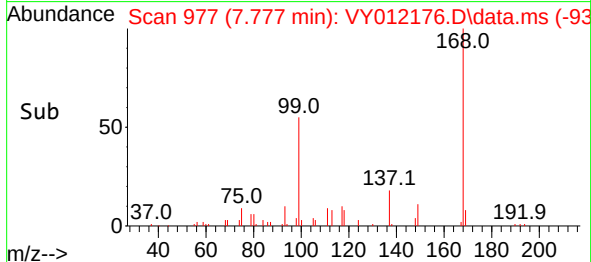
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2



Tgt Ion:168 Resp: 47179
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0

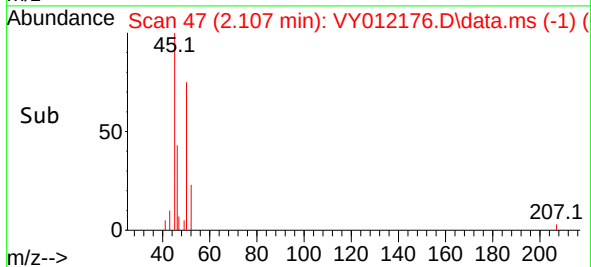
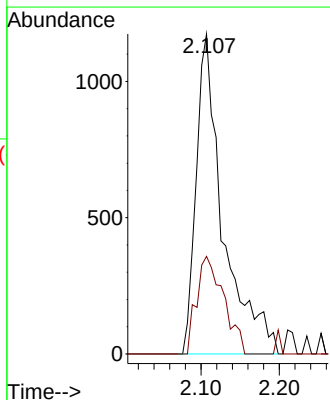
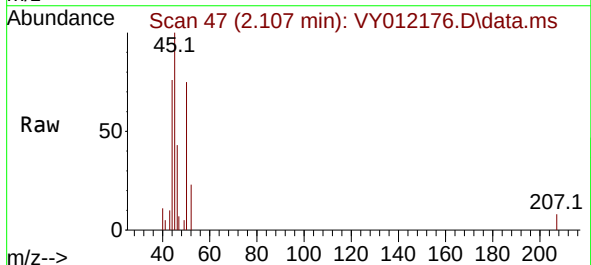
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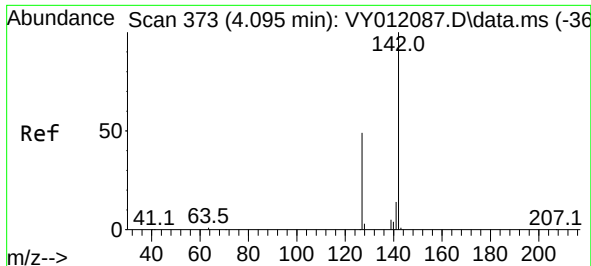
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#3
Chloromethane
Concen: 5.287 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

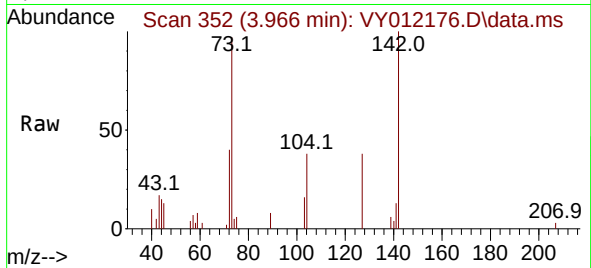
Tgt Ion: 50 Resp: 2796
Ion Ratio Lower Upper
50 100
52 30.5 26.8 40.2





#10
Methyl Iodide
Concen: 24.357 ug/l
RT: 3.966 min Scan# 31
Delta R.T. -0.129 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

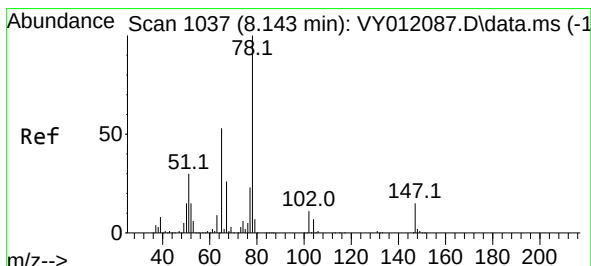
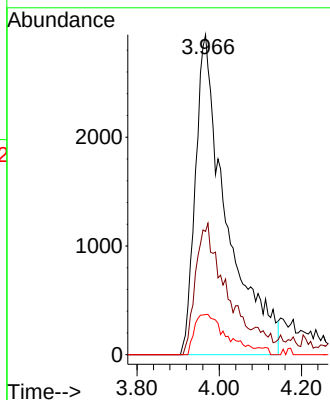
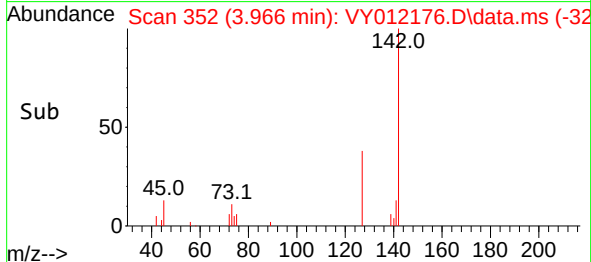
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2



Tgt Ion:142 Resp: 15530
Ion Ratio Lower Upper
142 100
127 39.0 37.0 55.4
141 12.9 11.4 17.0

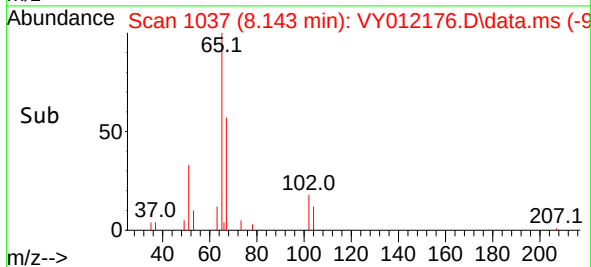
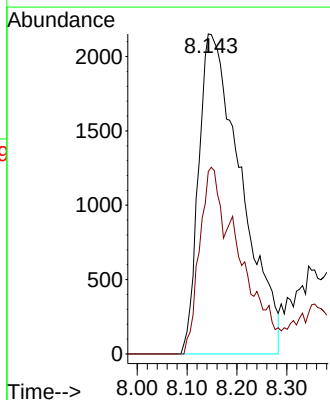
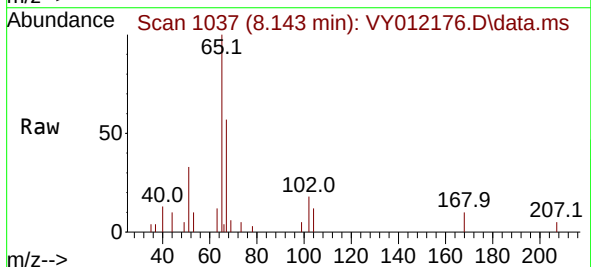
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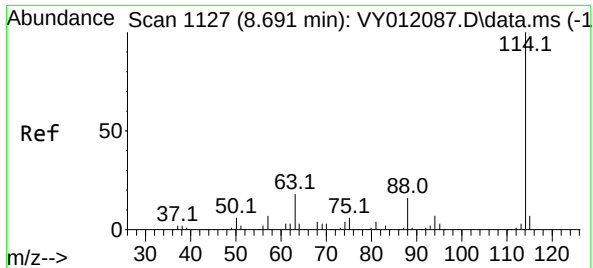
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#33
1,2-Dichloroethane-d4
Concen: 24.051 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

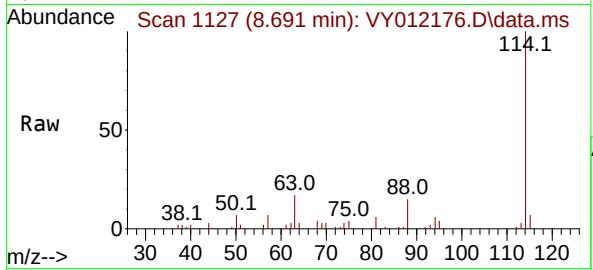
Tgt Ion: 65 Resp: 12750
Ion Ratio Lower Upper
65 100
67 31.9 0.0 103.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

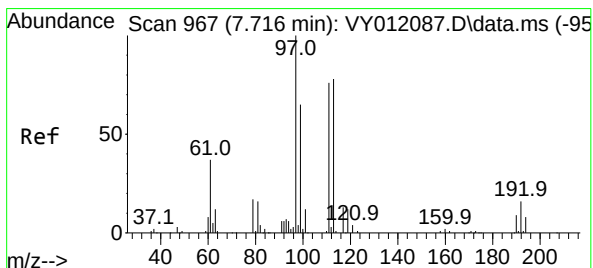
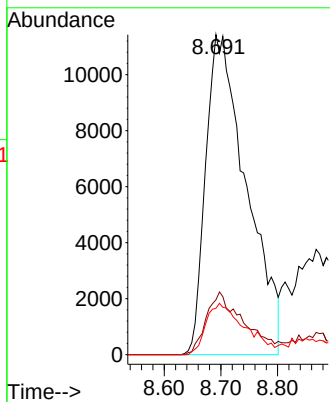
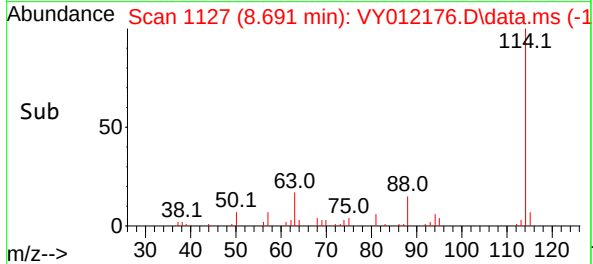
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2



Tgt Ion:114 Resp: 5715
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.6
88 14.5 0.0 32.2

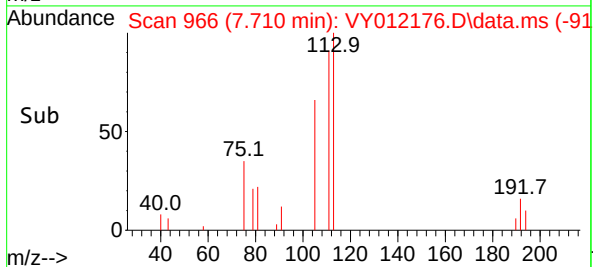
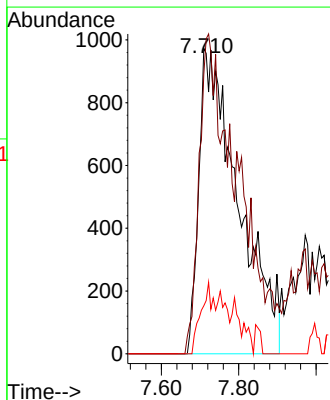
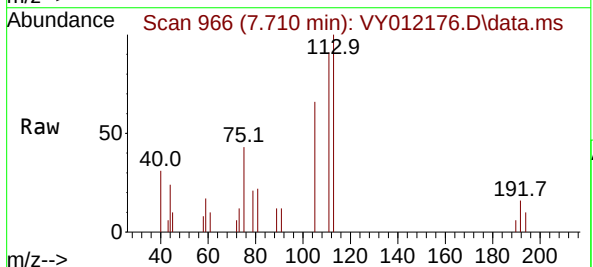
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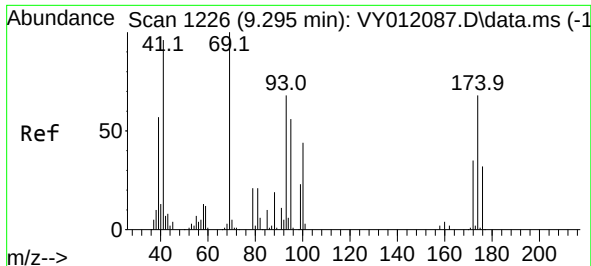
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#35
Dibromofluoromethane
Concen: 18.339 ug/l m
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

Tgt Ion:113 Resp: 6889
Ion Ratio Lower Upper
113 100
111 49.1 83.0 124.4#
192 7.5 16.0 24.0#





#49

1,4-Dioxane

Concen: 2291.861 ug/l m

RT: 9.411 min Scan# 1

Delta R.T. 0.116 min

Lab File: VY012176.D

Acq: 12 Jan 2023 14:46

Instrument :

MSVOA_Y

ClientSampleId :

TOT-VOC-2

Tgt Ion: 88 Resp: 739

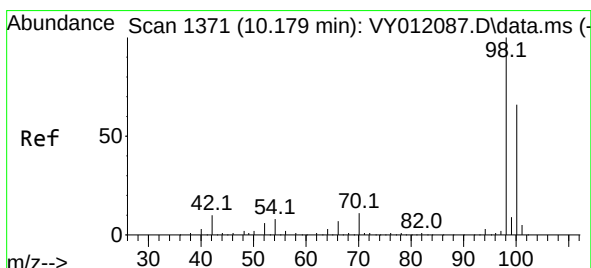
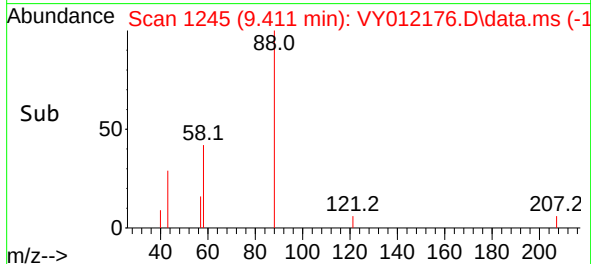
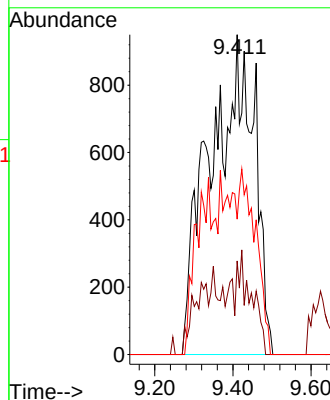
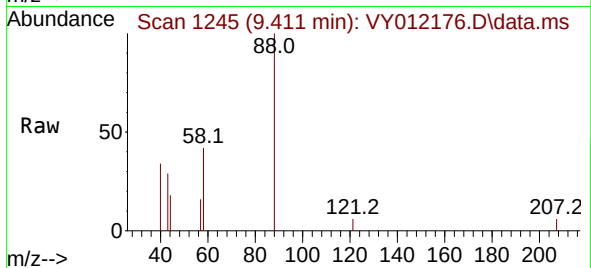
Ion	Ratio	Lower	Upper
88	100		
43	7.9	26.2	39.2
58	14.5	54.3	81.5

Manual Integrations

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Reviewed By :Krupa Patel 01/13/2023

Supervised By :Mahesh Dadoda 01/13/2023



#50

Toluene-d8

Concen: 40.023 ug/l

RT: 10.191 min Scan# 1373

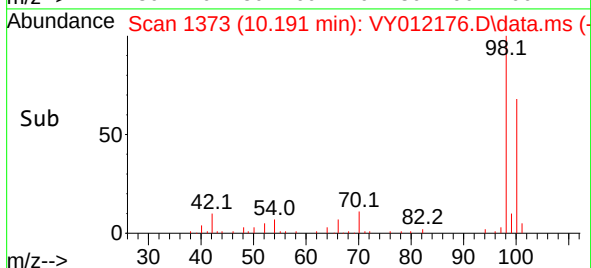
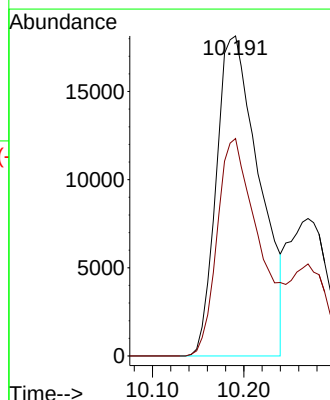
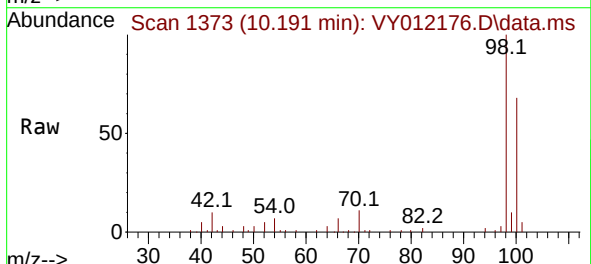
Delta R.T. 0.012 min

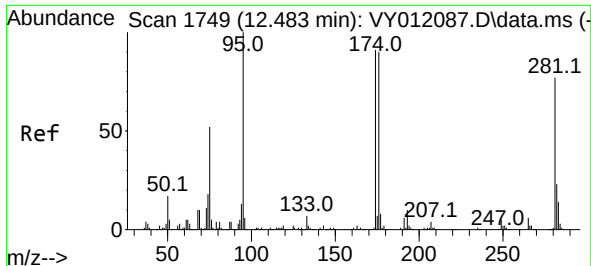
Lab File: VY012176.D

Acq: 12 Jan 2023 14:46

Tgt Ion: 98 Resp: 59343

Ion	Ratio	Lower	Upper
98	100		
100	67.7	51.9	77.9





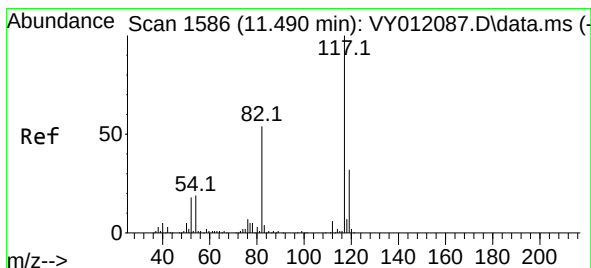
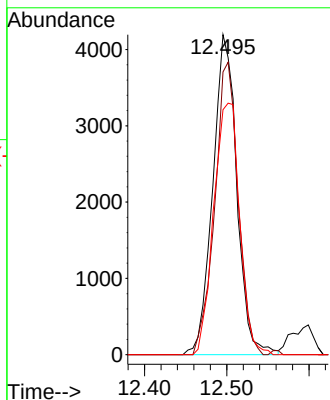
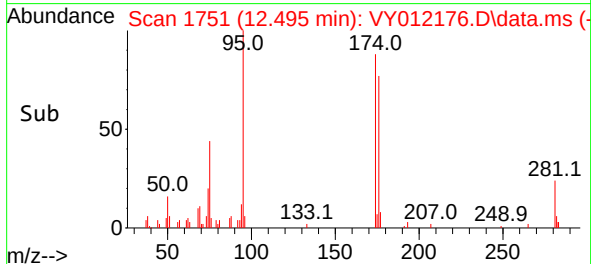
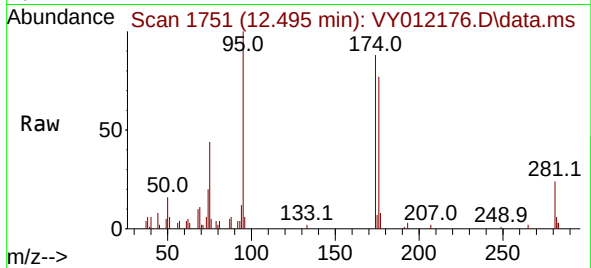
#62
4-Bromofluorobenzene
Concen: 16.437 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

Tgt Ion: 95 Resp: 8519
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 84.9 0.0 167.6

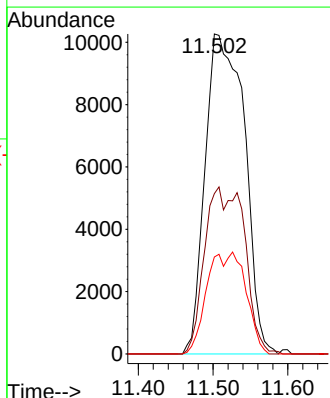
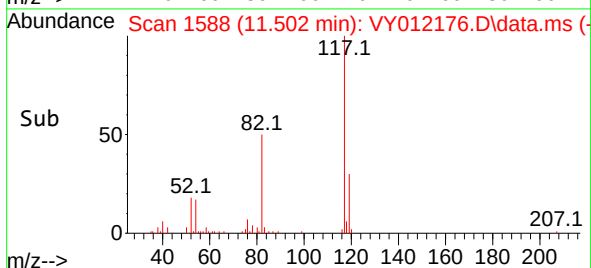
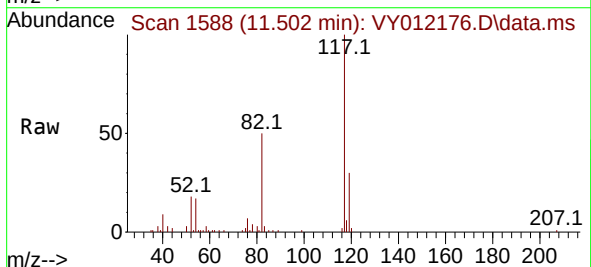
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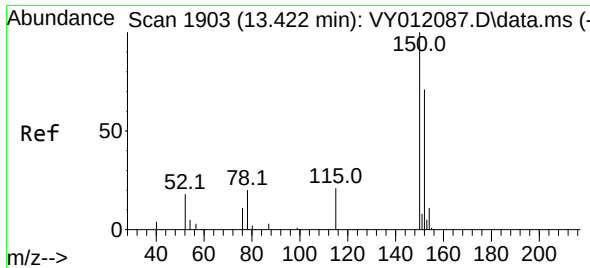
Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

Tgt Ion:117 Resp: 37494
Ion Ratio Lower Upper
117 100
82 50.1 44.8 67.2
119 30.3 25.4 38.2





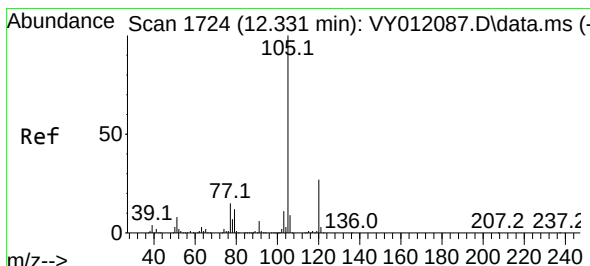
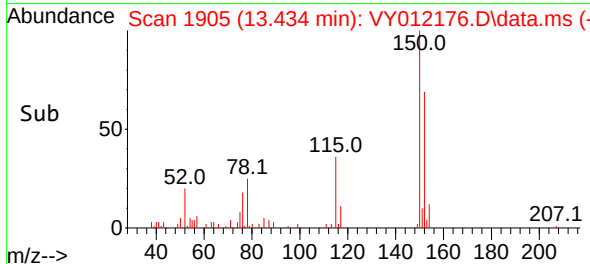
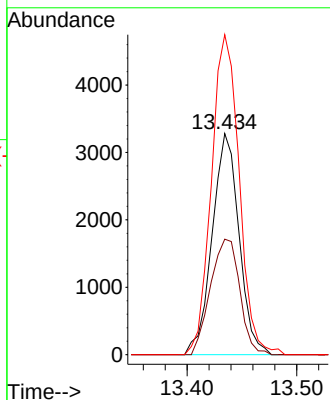
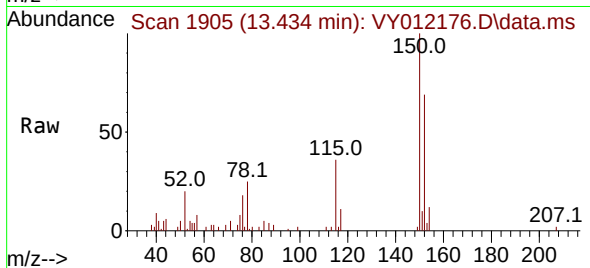
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1903
Delta R.T. 0.012 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-2

Tgt Ion:152 Resp: 559
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 149.4 0.0 342.6

Manual Integrations
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Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023



#73
Isopropylbenzene
Concen: 4.939 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.018 min
Lab File: VY012176.D
Acq: 12 Jan 2023 14:46

Tgt Ion:105 Resp: 2185
Ion Ratio Lower Upper
105 100
120 6.1 13.2 39.6#

