

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014142.D
 Acq On : 13 Jun 2023 16:16
 Operator : KP/MD
 Sample : 03154-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24051

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 01:36:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	135423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88832	47.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.220%		
35) Dibromofluoromethane	7.710	113	75612	47.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.200%		
50) Toluene-d8	10.173	98	253393	42.668	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.340%		
62) 4-Bromofluorobenzene	12.477	95	79092	37.492	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.980%		
Target Compounds						
					Qvalue	
52) Toluene	10.240	92	22177	4.858	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	4754m	1.006	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	8216	1.756	ug/l	98
86) p-Isopropyltoluene	13.367	119	23569	4.716	ug/l	95

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

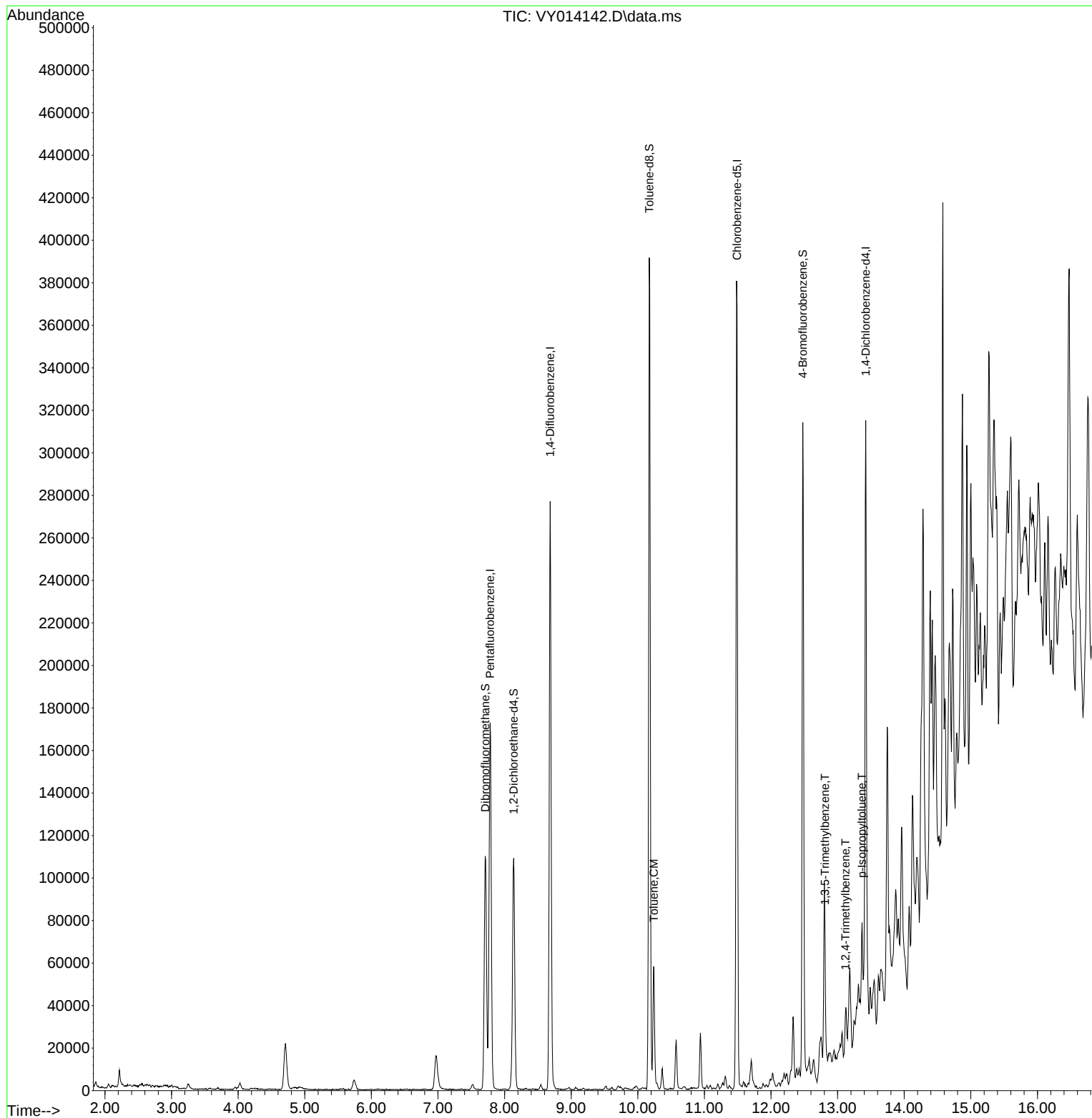
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
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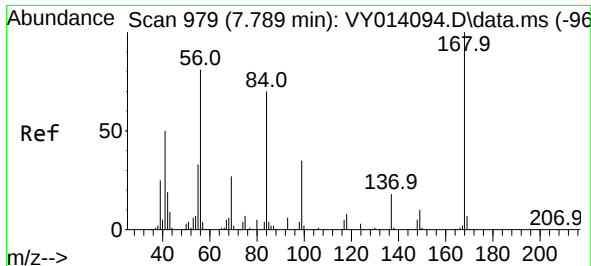
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24051

Quant Time: Jun 14 01:36:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
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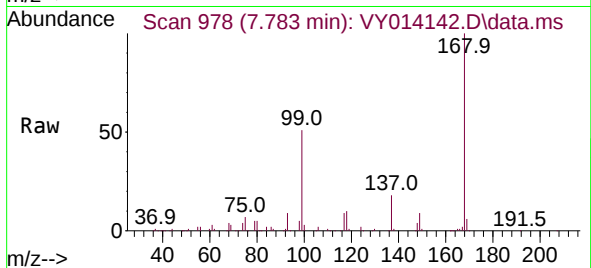
Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

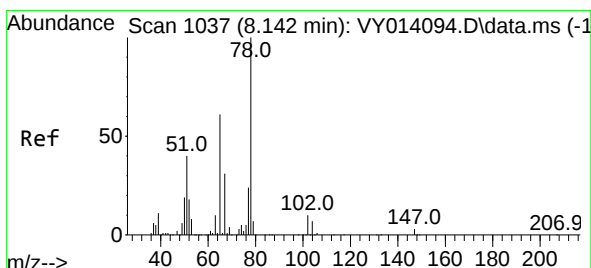
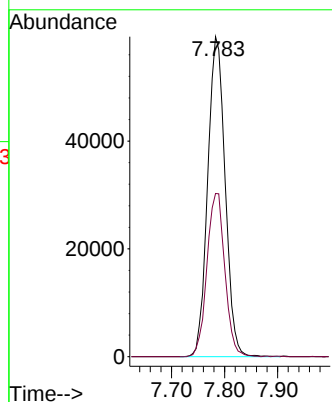
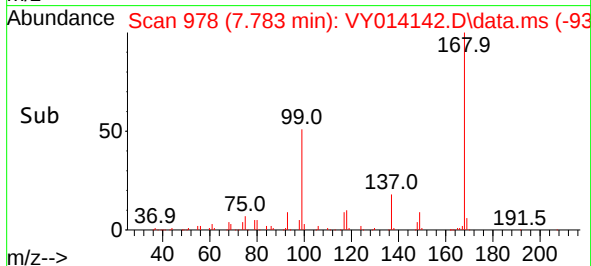
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24051



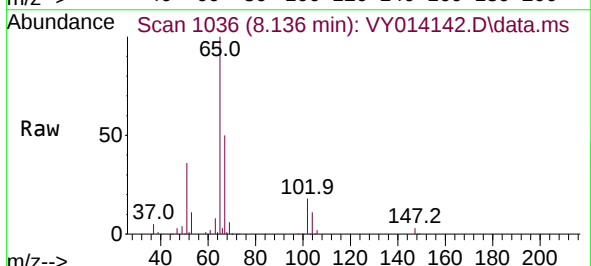
Tgt Ion:168 Resp: 13542
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0

Manual Integrations
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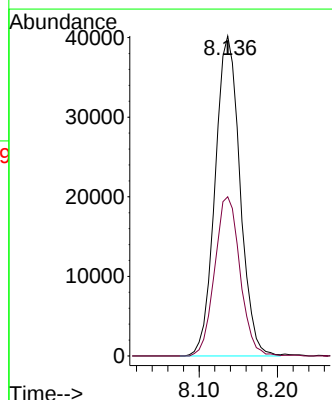
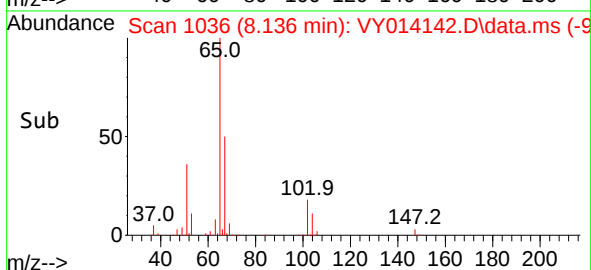
Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#33
1,2-Dichloroethane-d4
Concen: 47.106 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16



Tgt Ion: 65 Resp: 88832
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

Instrument :

MSVOA_Y

ClientSampleId :

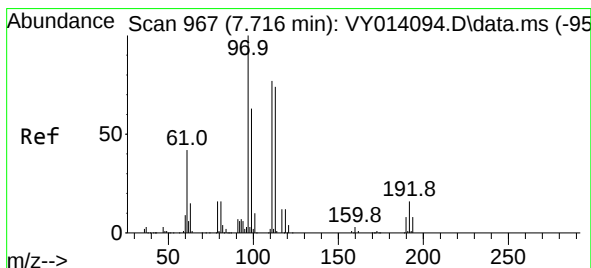
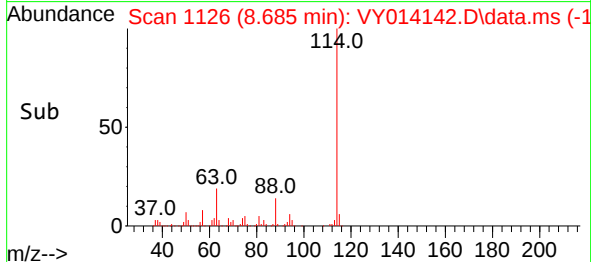
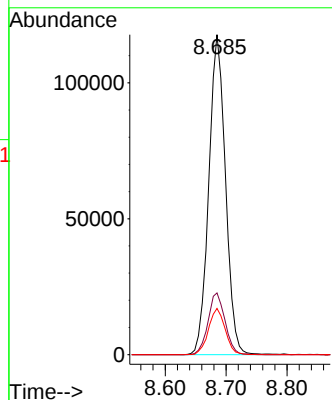
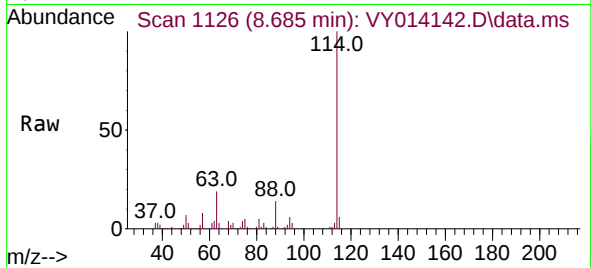
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Tgt Ion:114 Resp: 223989
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.4 0.0 30.6

Manual Integrations

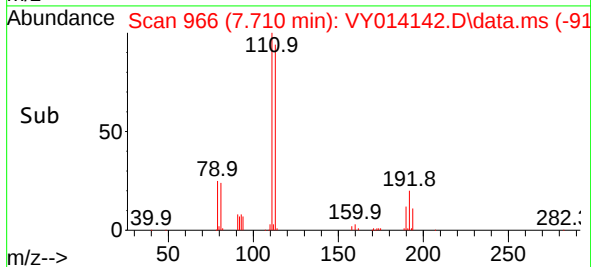
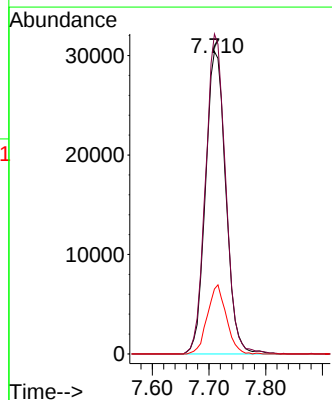
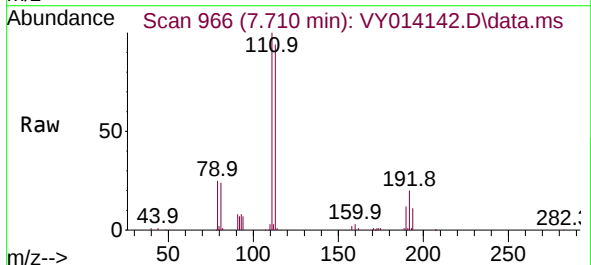
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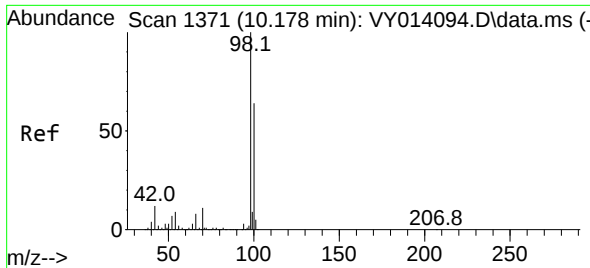
Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#35
Dibromofluoromethane
Concen: 47.600 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

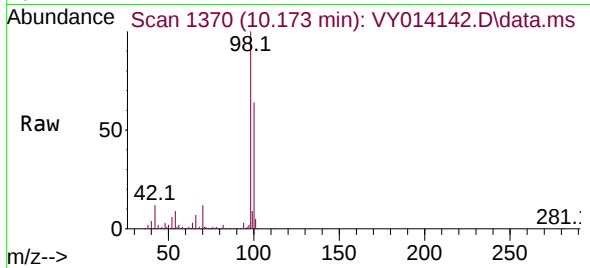
Tgt Ion:113 Resp: 75612
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 21.3 16.9 25.3





#50
Toluene-d8
Concen: 42.668 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.005 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

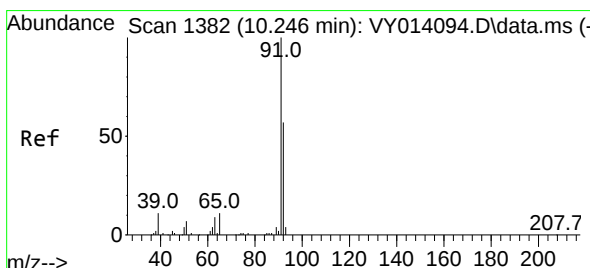
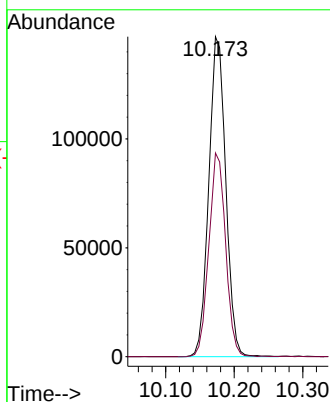
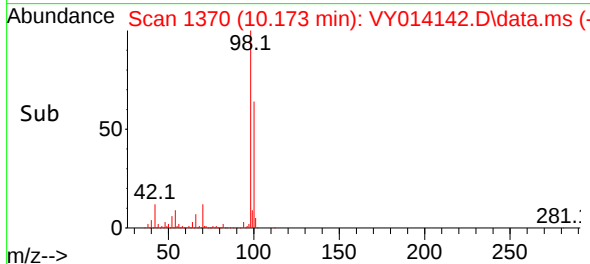
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24051



Tgt Ion: 98 Resp: 25339
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

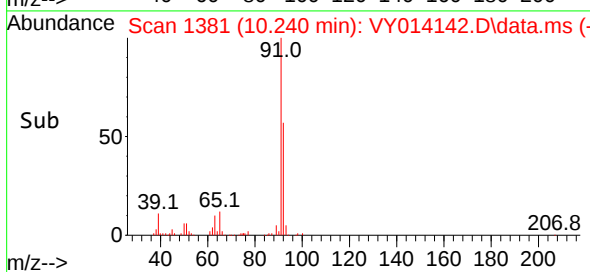
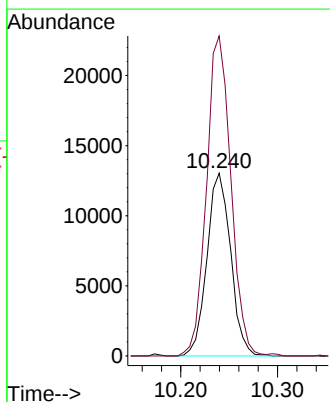
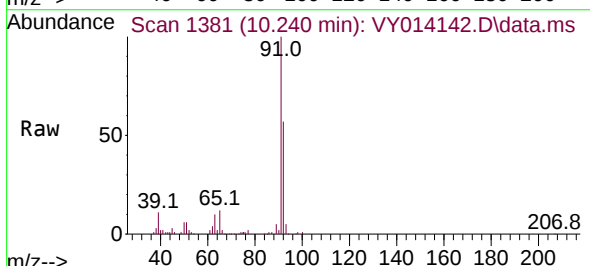
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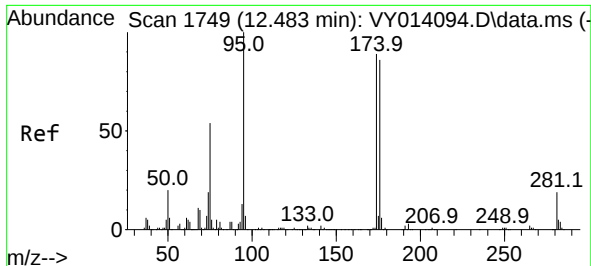
Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#52
Toluene
Concen: 4.858 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

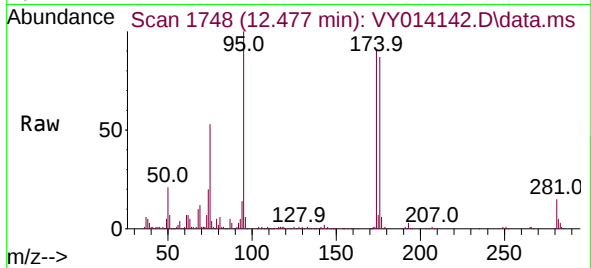
Tgt Ion: 92 Resp: 22177
Ion Ratio Lower Upper
92 100
91 180.5 143.8 215.6





#62
4-Bromofluorobenzene
Concen: 37.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

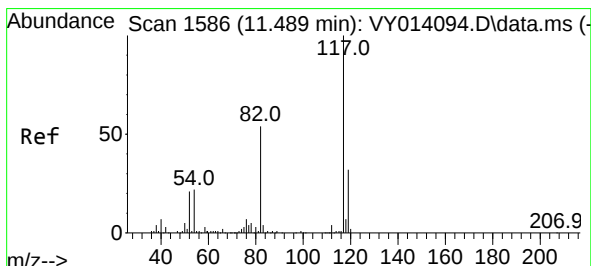
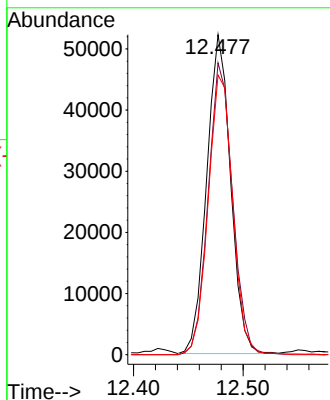
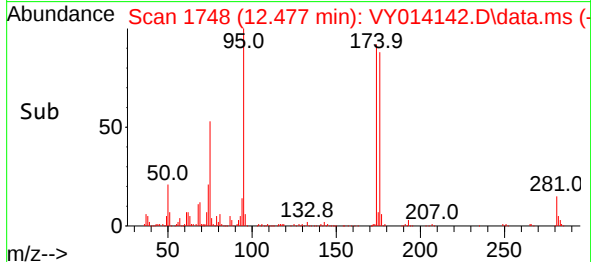
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24051



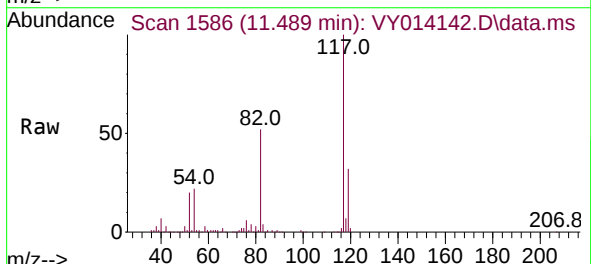
Tgt Ion: 95 Resp: 79092
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 90.0 0.0 173.8

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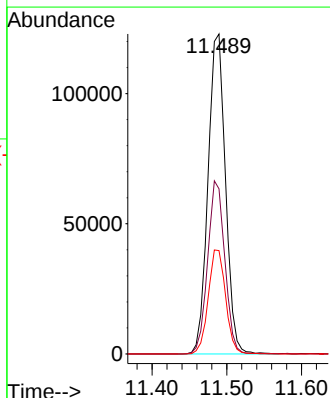
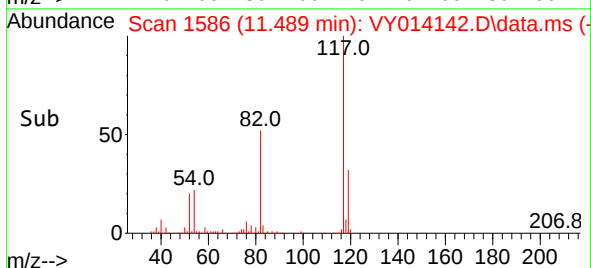
Reviewed By :Krupa Patel 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

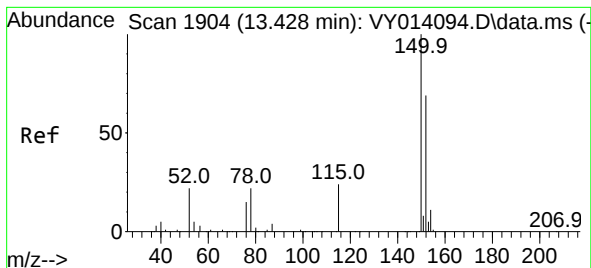


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16



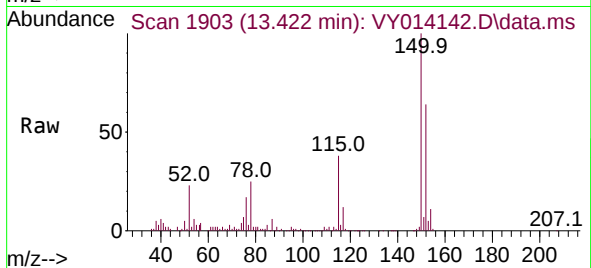
Tgt Ion:117 Resp: 199335
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.3 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014142.D
 Acq: 13 Jun 2023 16:16

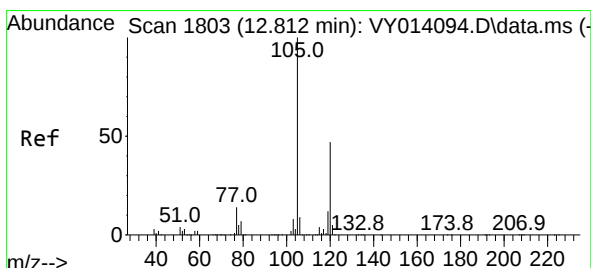
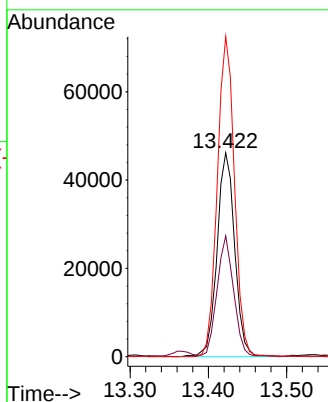
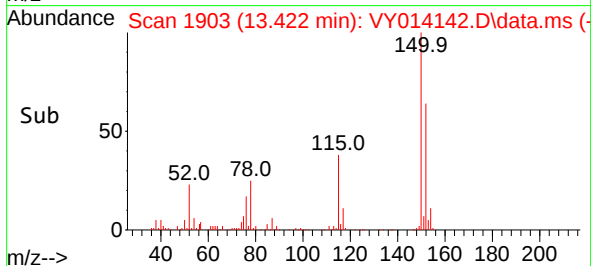
Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24051



Tgt Ion:152 Resp: 72354
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.8 86.5
 150 153.0 0.0 348.8

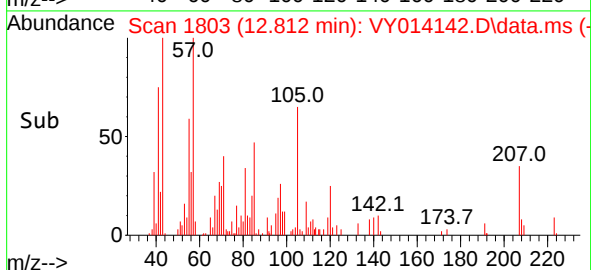
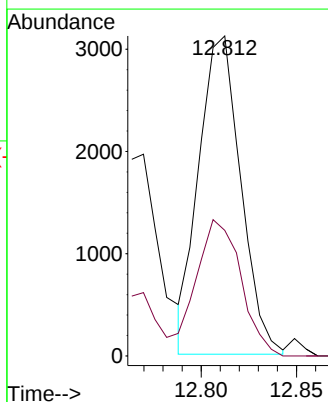
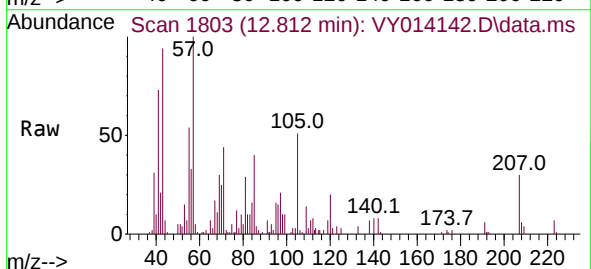
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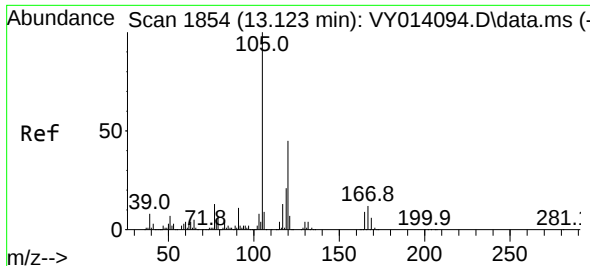
Reviewed By :Krupa Patel 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#80
 1,3,5-Trimethylbenzene
 Concen: 1.006 ug/l m
 RT: 12.812 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VY014142.D
 Acq: 13 Jun 2023 16:16

Tgt Ion:105 Resp: 4754
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.9 71.7





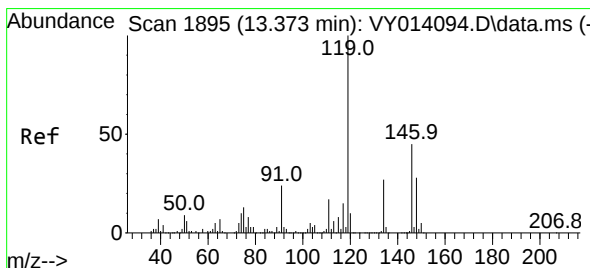
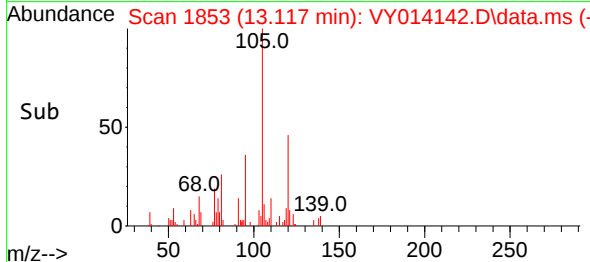
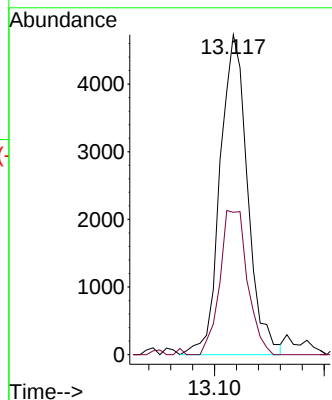
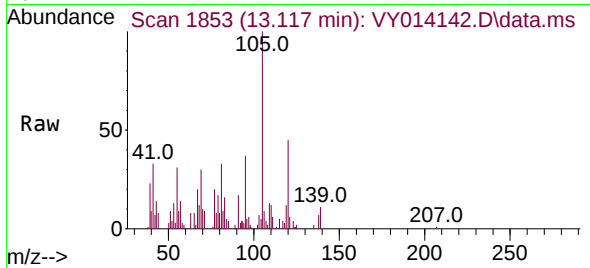
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1,2,4-Trimethylbenzene
Concen: 1.756 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24051

Tgt Ion:105 Resp: 8210
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6

Manual Integrations
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Supervised By :Mahesh Dadoda 06/14/2023



#86
p-Isopropyltoluene
Concen: 4.716 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY014142.D
Acq: 13 Jun 2023 16:16

Tgt Ion:119 Resp: 23569
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 29.4 12.4 37.4

