

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020215.D
 Acq On : 07 Nov 2024 18:28
 Operator : SY/MD
 Sample : P4739-03
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-VOC

Quant Time: Nov 08 00:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/08/2024
 Supervised By :Semsettin Yesilyurt 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	208302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	438385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	432525	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	243018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150707	57.970	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	115.940%	
35) Dibromofluoromethane	7.640	113	146925	52.714	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.420%	
50) Toluene-d8	10.103	98	587550	52.959	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	105.920%	
62) 4-Bromofluorobenzene	12.402	95	401700	111.471	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	222.940%#	
Target Compounds						
16) Acetone	3.873	43	22118	36.584	ug/l	# 81
18) Methyl Acetate	4.391	43	1547	1.091	ug/l	# 63
39) Methylcyclohexane	9.109	83	75689m	13.851	ug/l	
83) tert-Butylbenzene	12.999	119	347412	25.491	ug/l	80
85) sec-Butylbenzene	13.176	105	442530	21.151	ug/l	# 41

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

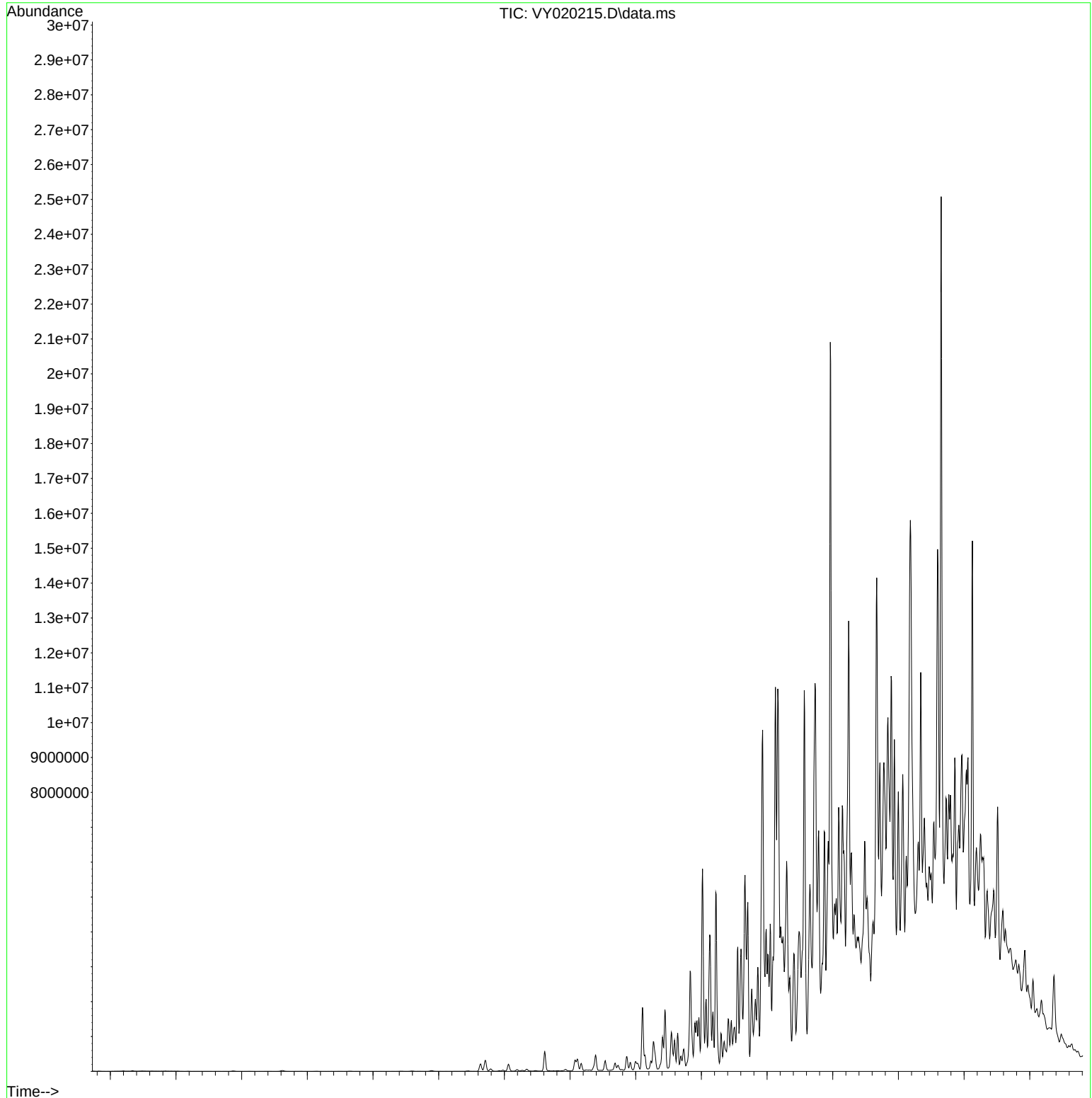
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
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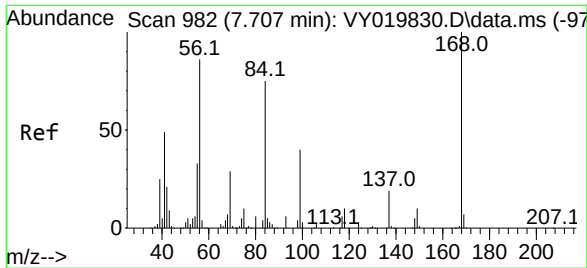
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC

Quant Time: Nov 08 00:31:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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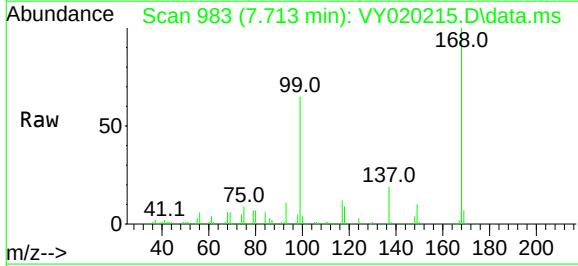
Reviewed By :Mahesh Dadoda 11/08/2024
Supervised By :Semsettin Yesilyurt 11/08/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

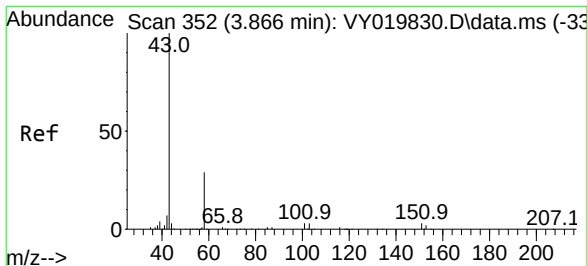
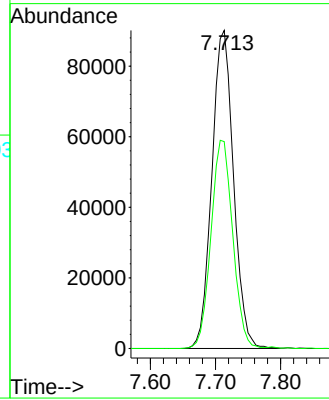
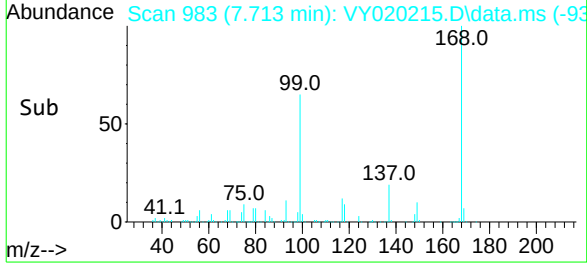
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC



Tgt Ion:168 Resp: 208302
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#

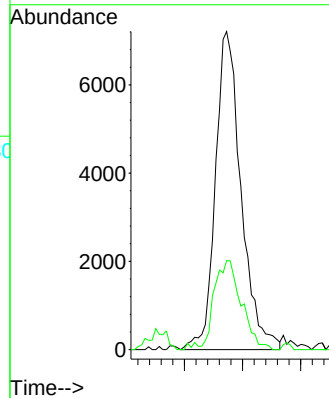
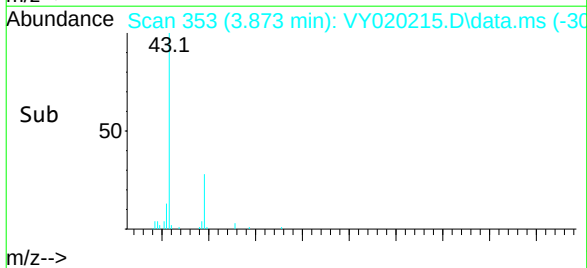
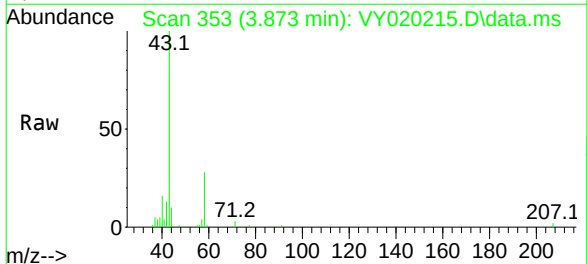
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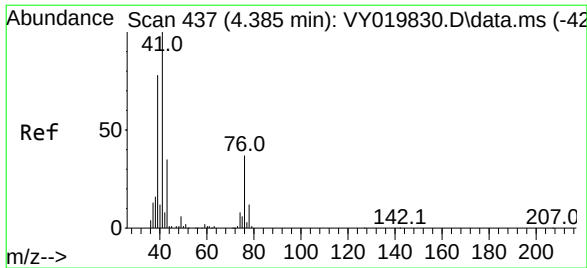
Reviewed By :Mahesh Dadoda 11/08/2024
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#16
Acetone
Concen: 36.584 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

Tgt Ion: 43 Resp: 22118
Ion Ratio Lower Upper
43 100
58 28.0 31.7 47.5#





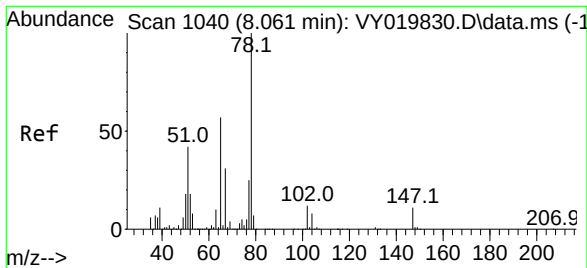
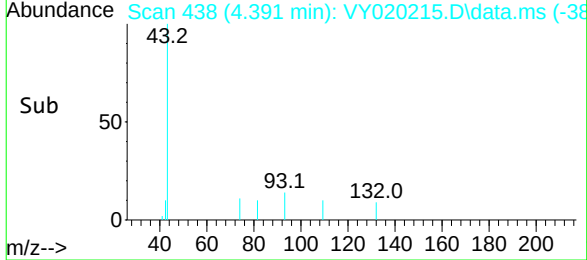
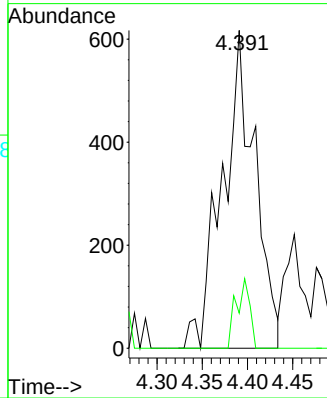
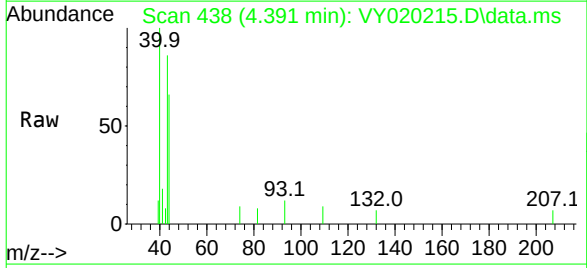
#18
Methyl Acetate
Concen: 1.091 ug/l
RT: 4.391 min Scan# 43
Delta R.T. 0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
74 9.2 23.3 34.9#

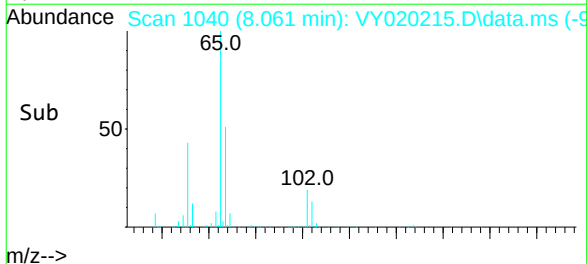
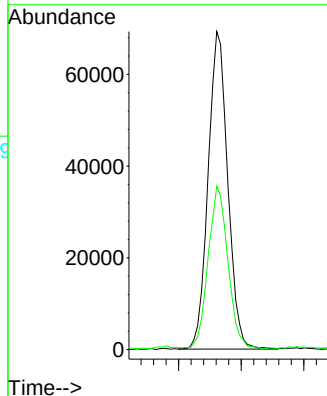
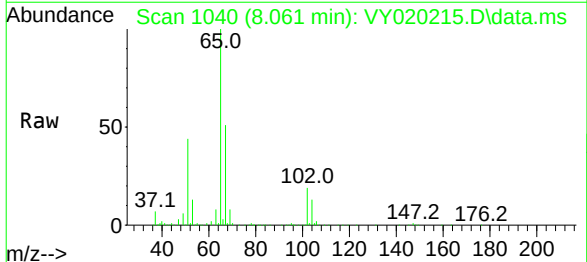
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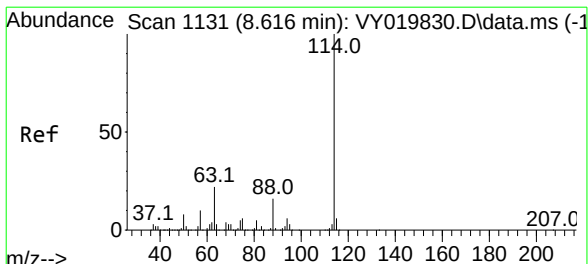
Reviewed By :Mahesh Dadoda 11/08/2024
Supervised By :Semsettin Yesilyurt 11/08/2024



#33
1,2-Dichloroethane-d4
Concen: 57.970 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

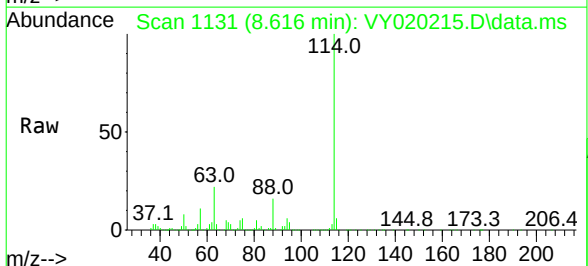
Tgt Ion: 65 Resp: 150707
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC

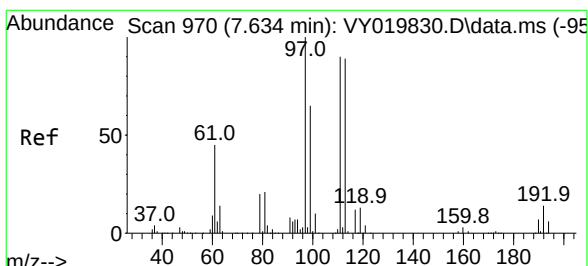
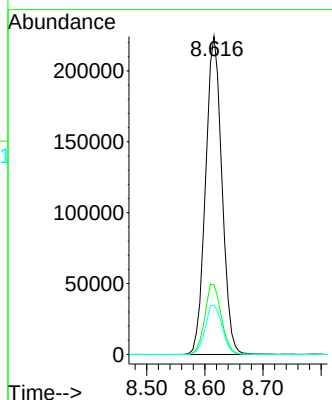
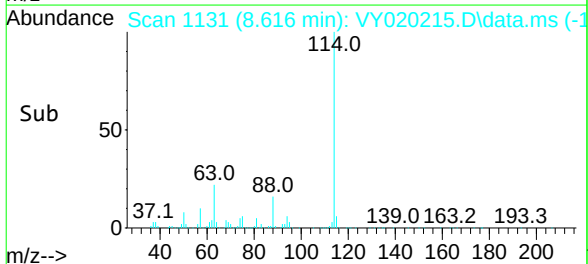


Tgt Ion: 114 Resp: 438385

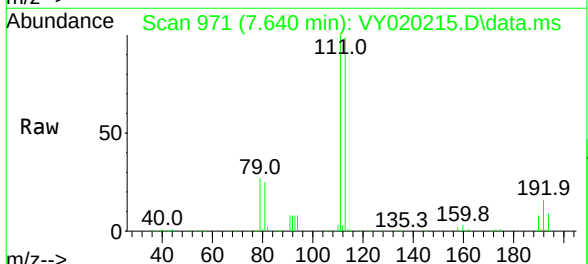
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.0
88	15.5	0.0	27.2

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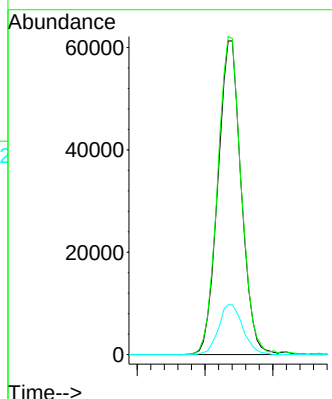
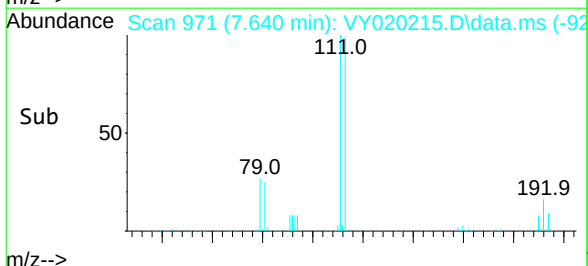


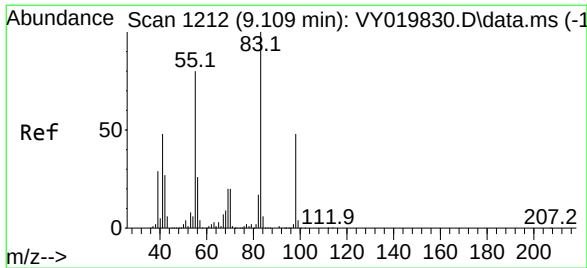
#35
Dibromofluoromethane
Concen: 52.714 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28



Tgt Ion: 113 Resp: 146925

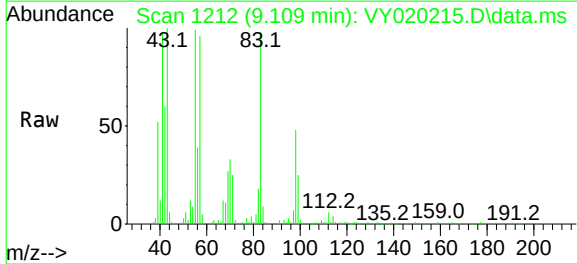
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	16.6	15.9	23.9





#39
Methylcyclohexane
Concen: 13.851 ug/l m
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

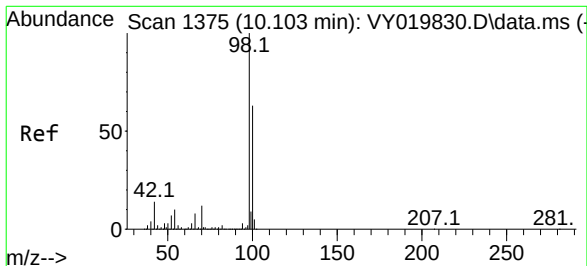
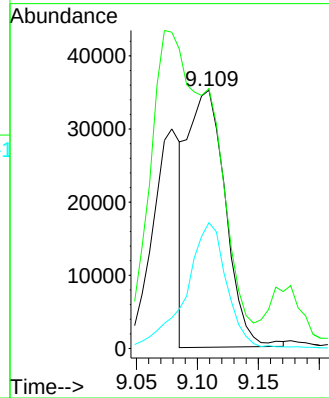
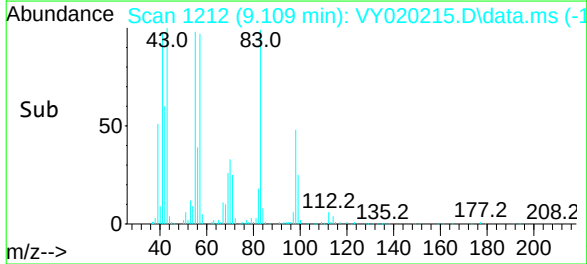
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC



Tgt Ion: 83 Resp: 75689
Ion Ratio Lower Upper
83 100
55 100.6 51.5 77.3#
98 48.7 40.5 60.7

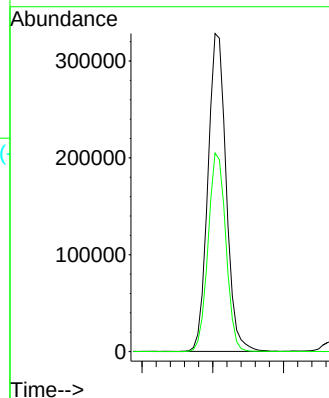
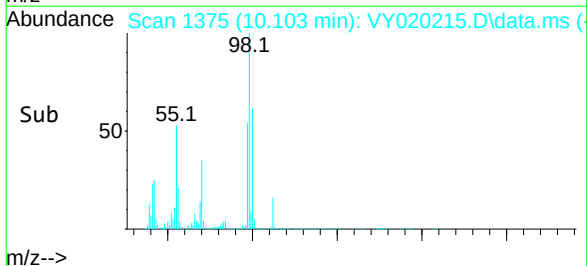
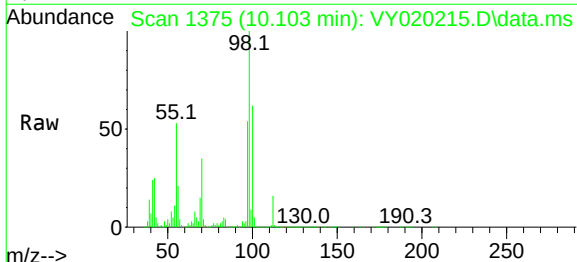
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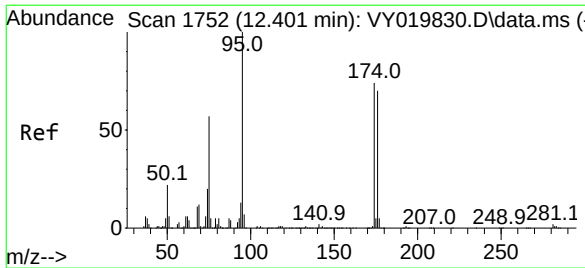
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Supervised By :Semsettin Yesilyurt 11/08/2024



#50
Toluene-d8
Concen: 52.959 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

Tgt Ion: 98 Resp: 587550
Ion Ratio Lower Upper
98 100
100 60.7 52.0 78.0





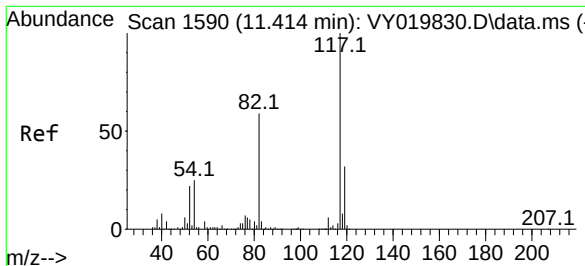
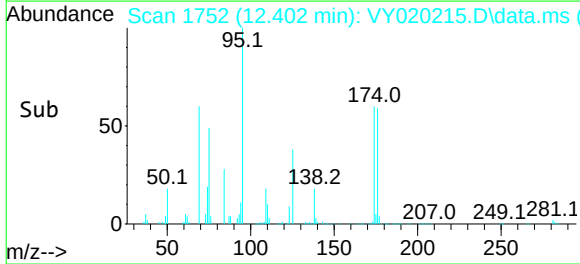
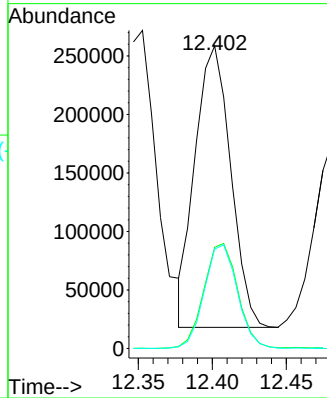
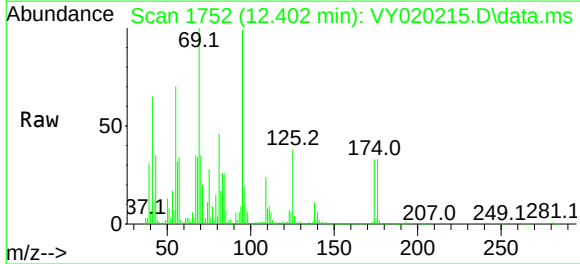
#62
4-Bromofluorobenzene
Concen: 111.471 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC

Tgt Ion: 95 Resp: 401700
Ion Ratio Lower Upper
95 100
174 35.7 0.0 175.6
176 34.1 0.0 171.4

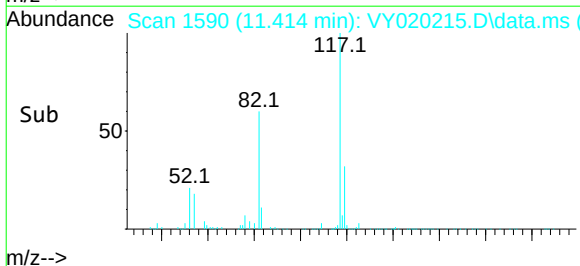
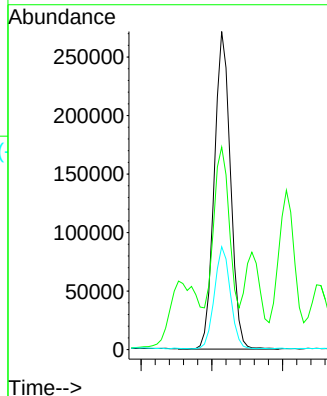
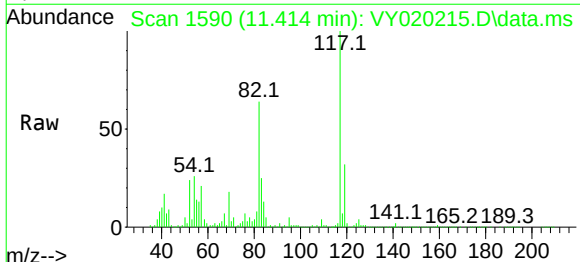
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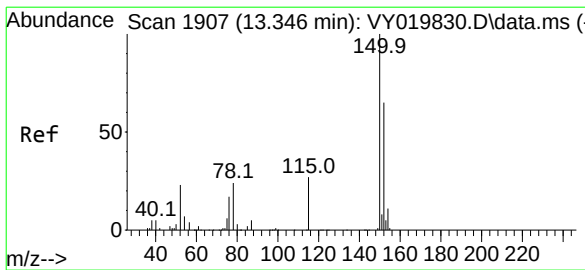
Reviewed By :Mahesh Dadoda 11/08/2024
Supervised By :Semsettin Yesilyurt 11/08/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

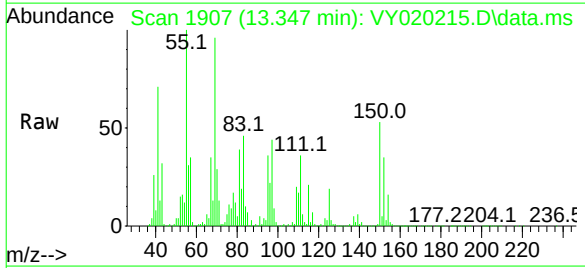
Tgt Ion:117 Resp: 432525
Ion Ratio Lower Upper
117 100
82 42.2 42.4 63.6#
119 32.0 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28

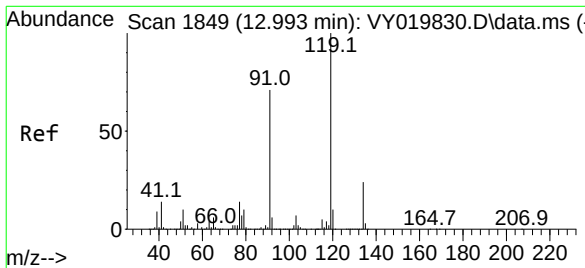
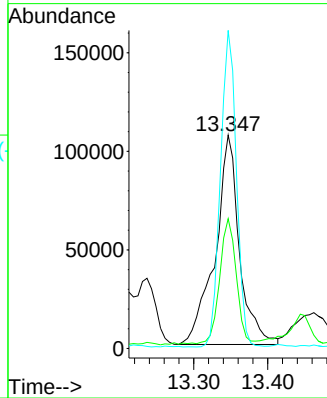
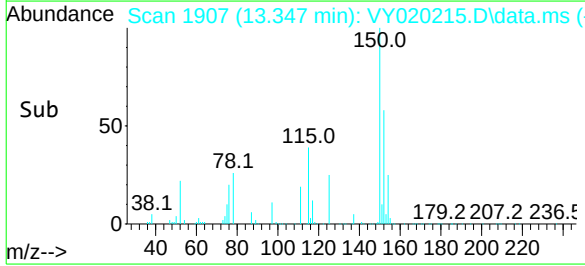
Instrument :
MSVOA_Y
ClientSampleId :
TP-14-VOC



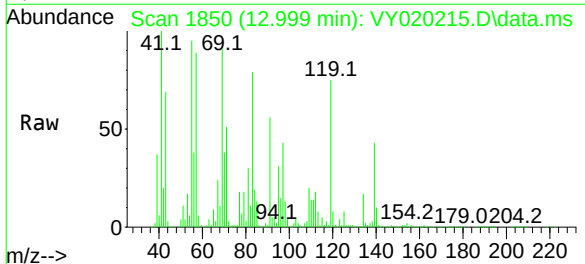
Tgt Ion:152 Resp: 243018
Ion Ratio Lower Upper
152 100
115 40.3 28.2 84.7
150 99.1 0.0 345.6

Manual Integrations
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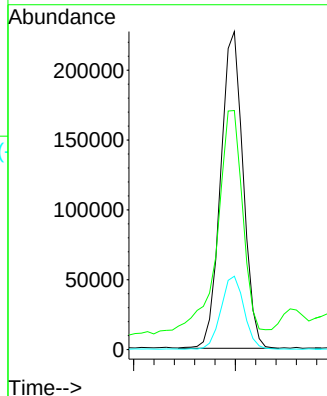
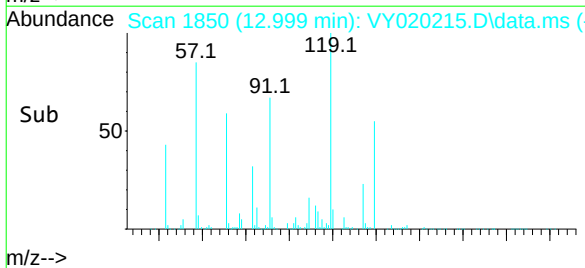
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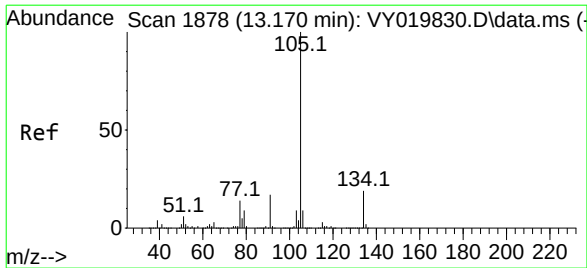


#83
tert-Butylbenzene
Concen: 25.491 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY020215.D
Acq: 07 Nov 2024 18:28



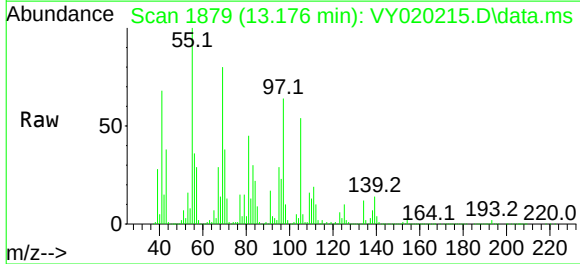
Tgt Ion:119 Resp: 347412
Ion Ratio Lower Upper
119 100
91 82.7 31.3 93.8
134 23.8 13.4 40.1





#85
 sec-Butylbenzene
 Concen: 21.151 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY020215.D
 Acq: 07 Nov 2024 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14-VOC



Tgt Ion:105 Resp: 442536
 Ion Ratio Lower Upper
 105 100
 134 47.3 10.1 30.1#

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