

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010923\
 Data File : VX033660.D
 Acq On : 09 Jan 2023 13:32
 Operator : JC/MD
 Sample : N6226-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/10/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 00:46:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jan 07 06:16:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	12099	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	83470	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88789	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32195	32.863	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	109.533%	
60) 4-Bromofluorobenzene	11.079	95	45847	28.650	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	95.500%	
63) Toluene-d8	8.647	98	86629	30.486	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.633%	
Target Compounds						
15) Acetone	2.398	58	644m	4.460	ug/l	Qvalue
16) Carbon Disulfide	2.520	76	1223	0.455	ug/l	100
18) Methylene Chloride	2.788	84	814	0.629	ug/l #	88
25) Chloroform	5.093	83	2075m	0.878	ug/l	

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

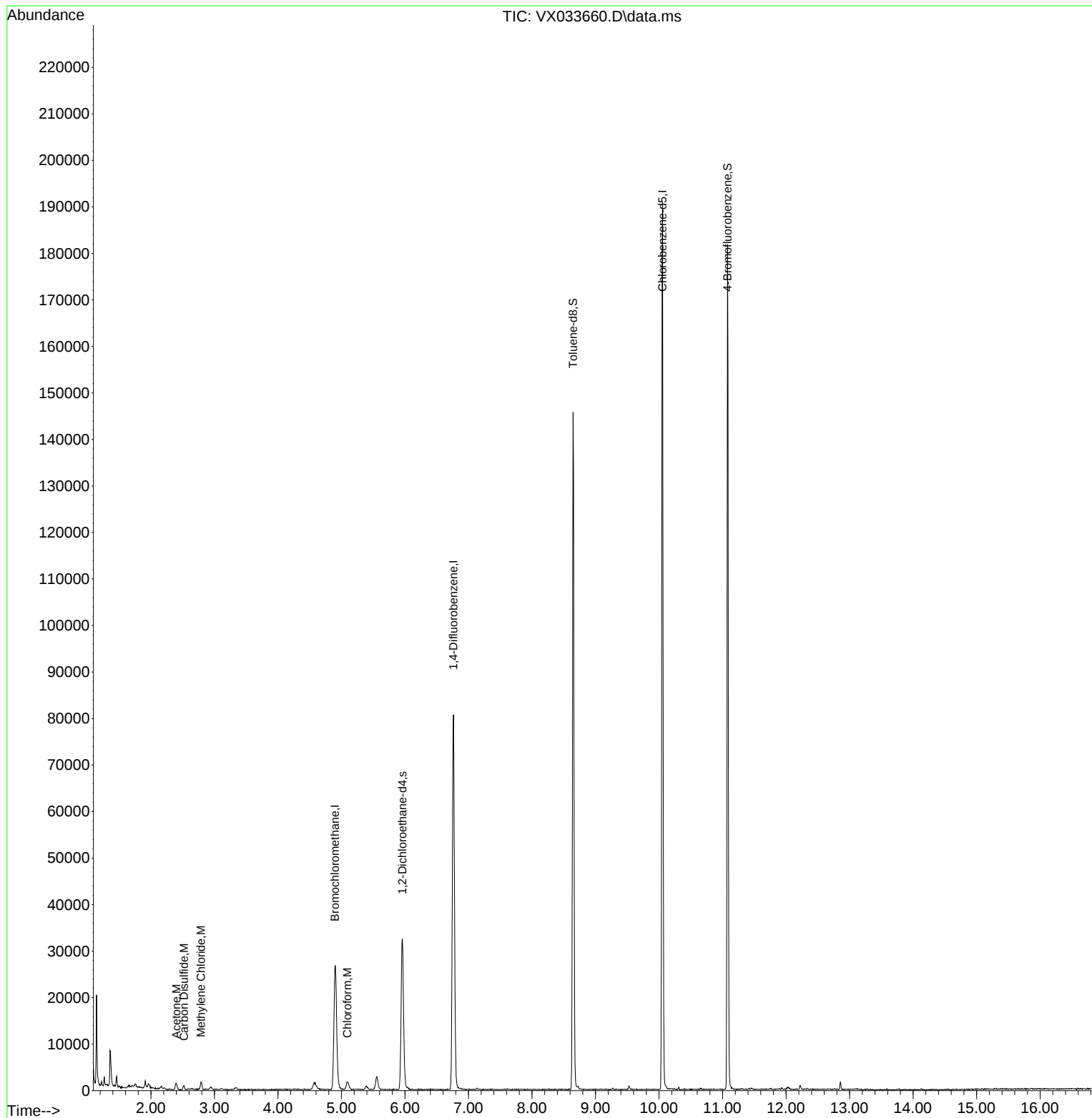
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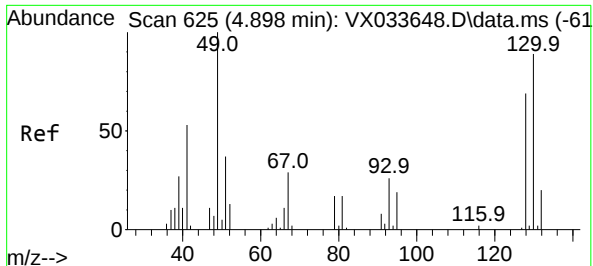
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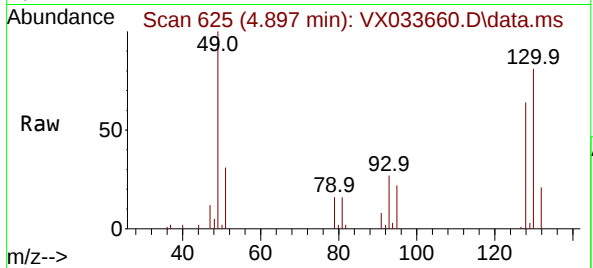
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jan 07 06:16:21 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

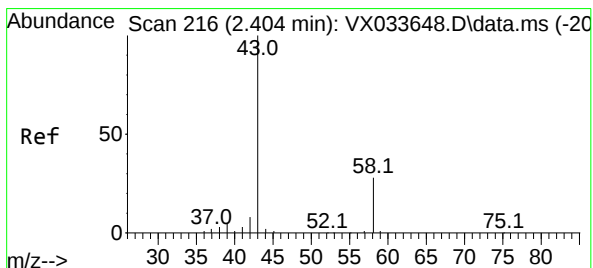
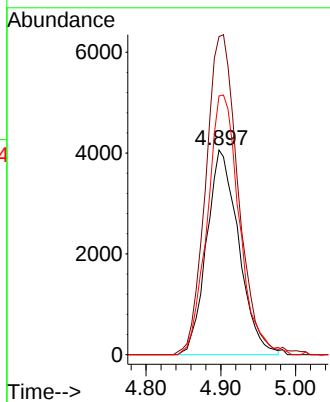
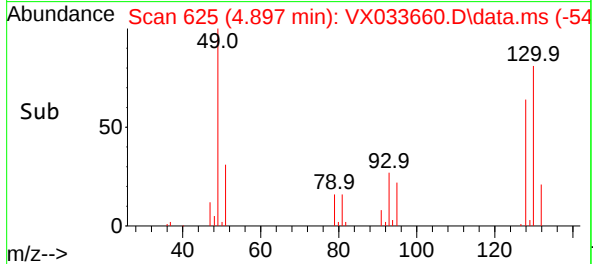
Instrument :
MSVOA_X
ClientSampleId :
TWP02



Tgt Ion:128 Resp: 12099
Ion Ratio Lower Upper
128 100
49 157.7 0.0 398.5
130 127.0 0.0 329.0

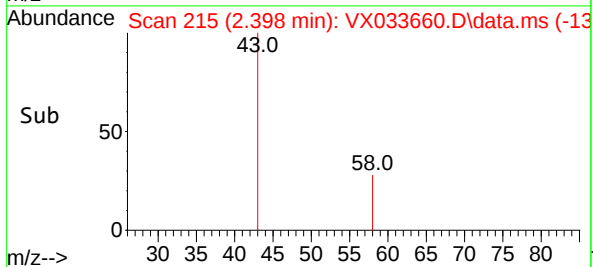
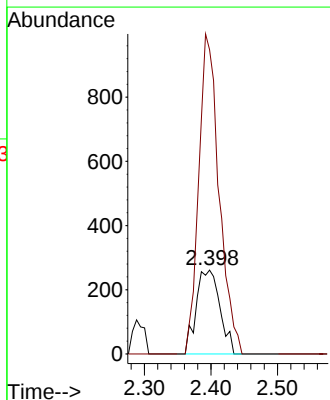
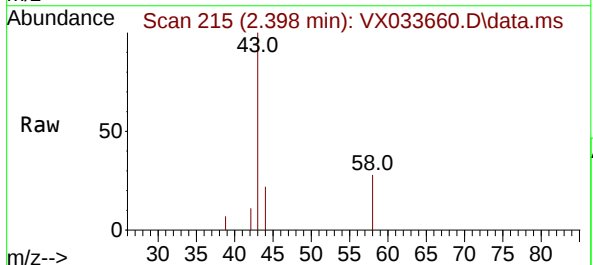
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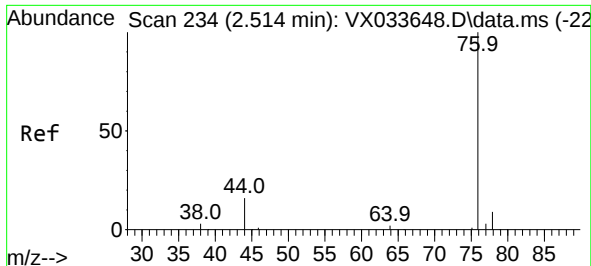
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#15
Acetone
Concen: 4.460 ug/l m
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 58 Resp: 644
Ion Ratio Lower Upper
58 100
43 363.2 288.3 432.5





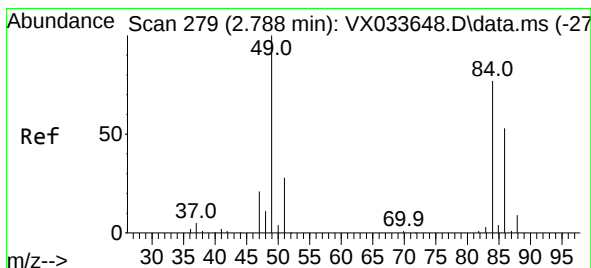
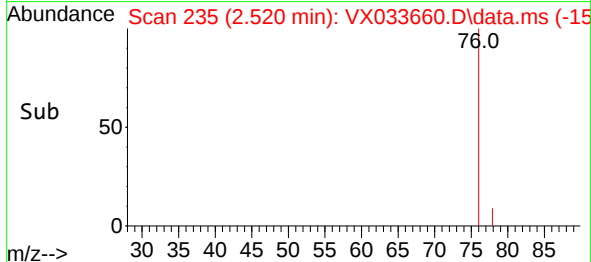
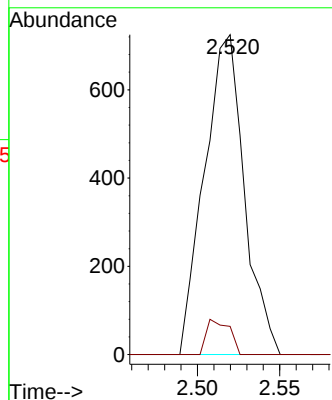
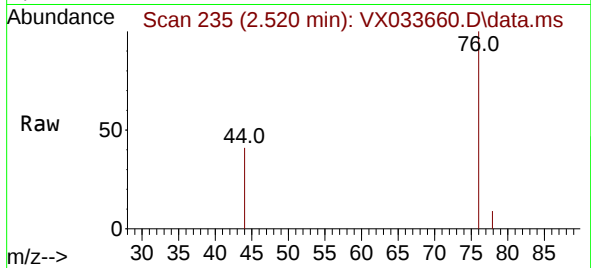
#16
Carbon Disulfide
Concen: 0.455 ug/l
RT: 2.520 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
TWP02

Tgt Ion: 76 Resp: 122
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

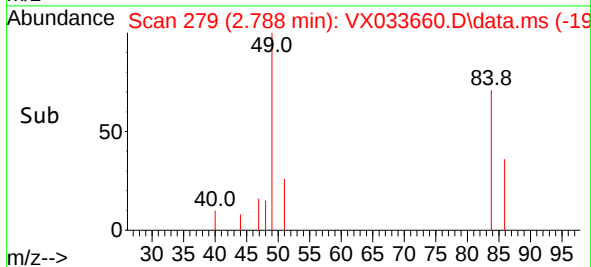
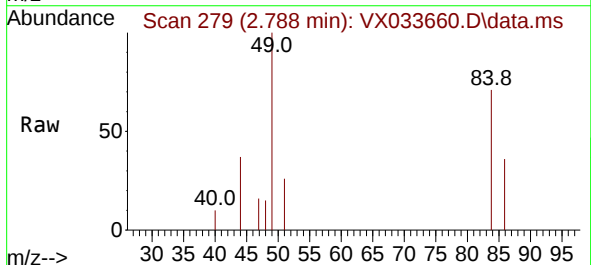
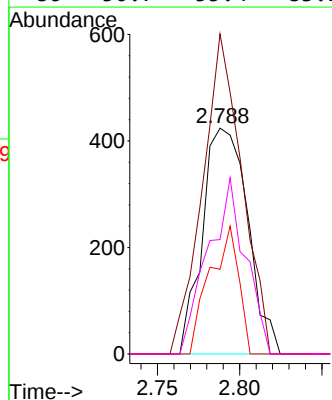
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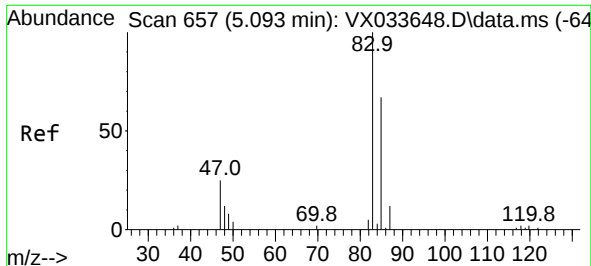
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#18
Methylene Chloride
Concen: 0.629 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 84 Resp: 814
Ion Ratio Lower Upper
84 100
49 141.7 104.1 156.1
51 37.5 29.2 43.8
86 50.7 55.4 83.2#





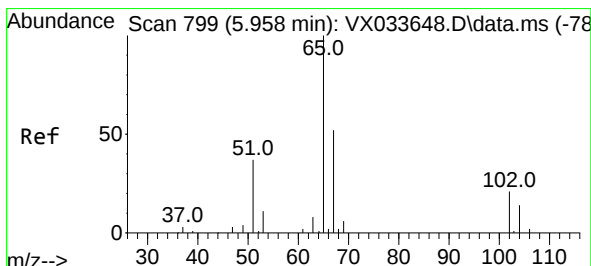
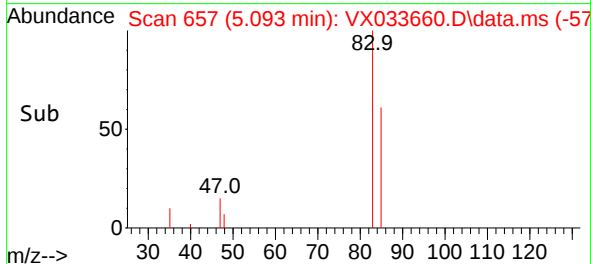
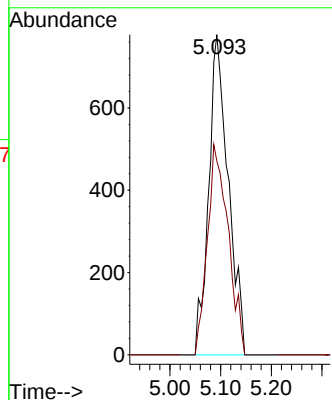
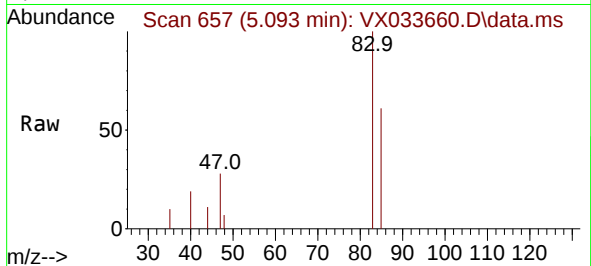
#25
Chloroform
Concen: 0.878 ug/l m
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
TWP02

Tgt Ion: 83 Resp: 2075
Ion Ratio Lower Upper
83 100
85 60.5 53.9 80.9

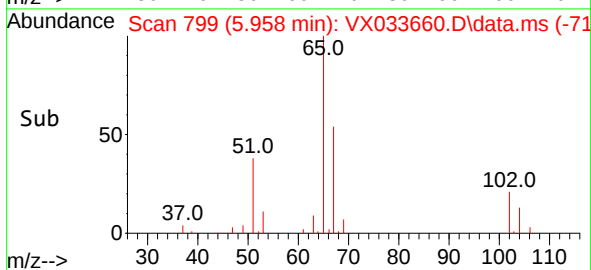
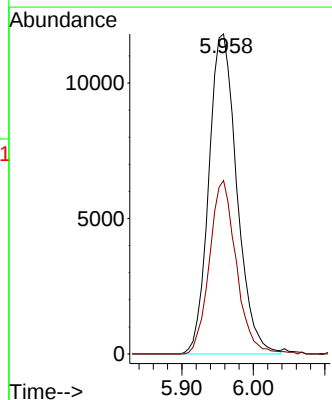
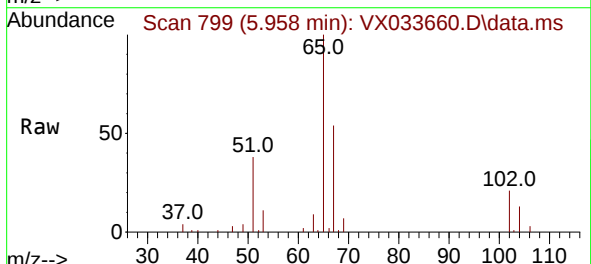
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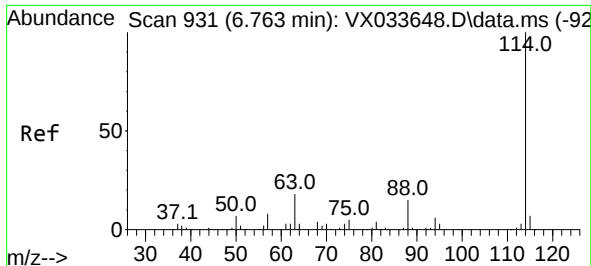
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#27
1,2-Dichloroethane-d4
Concen: 32.863 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 65 Resp: 32195
Ion Ratio Lower Upper
65 100
67 51.8 40.4 60.6





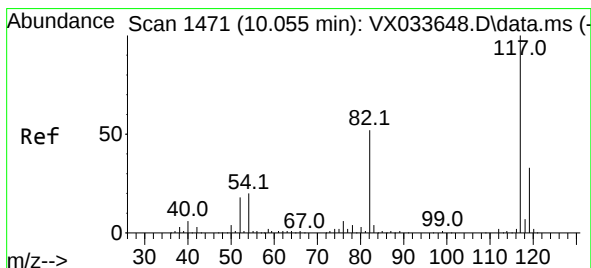
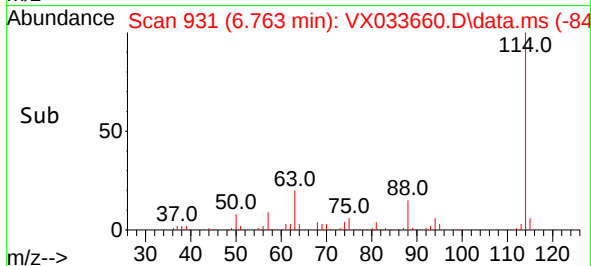
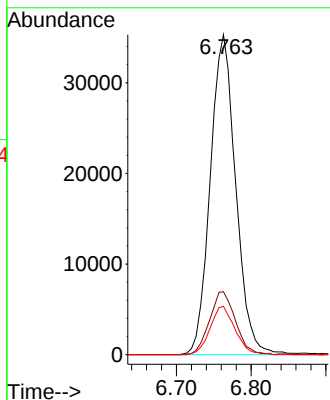
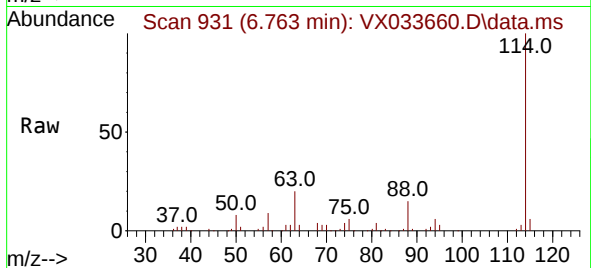
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
TWP02

Tgt Ion:114 Resp: 83470
Ion Ratio Lower Upper
114 100
63 20.0 15.5 23.3
88 14.8 12.4 18.6

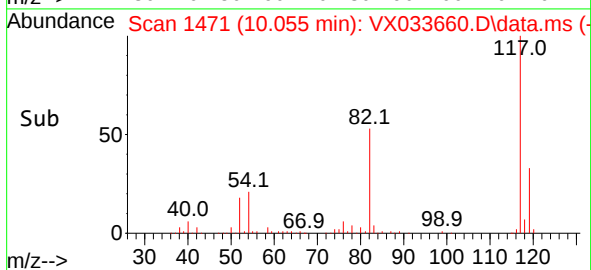
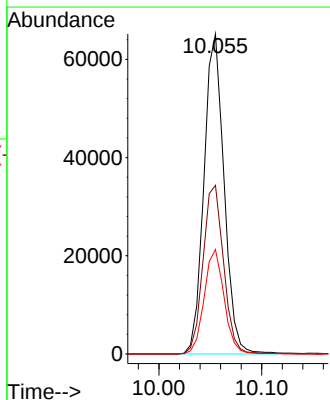
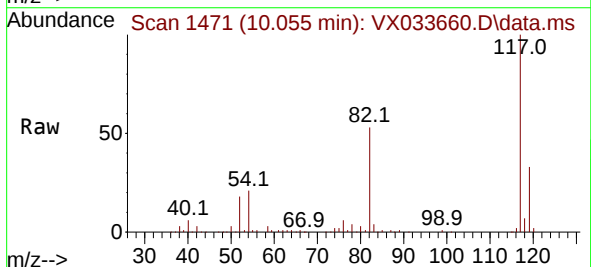
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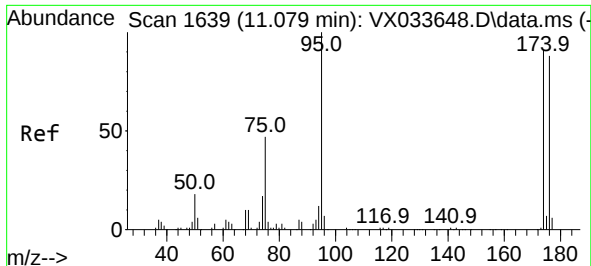
Reviewed By :Semsettin Yesilyurt 01/10/2023
Supervised By :Mahesh Dadoda 01/11/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

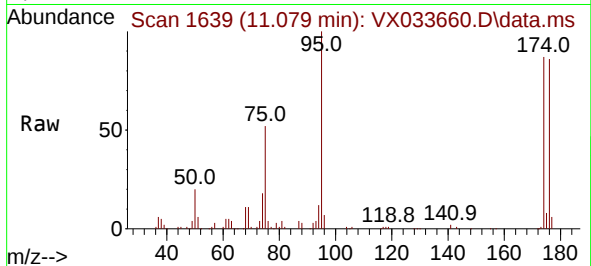
Tgt Ion:117 Resp: 88789
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 32.3 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 28.650 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

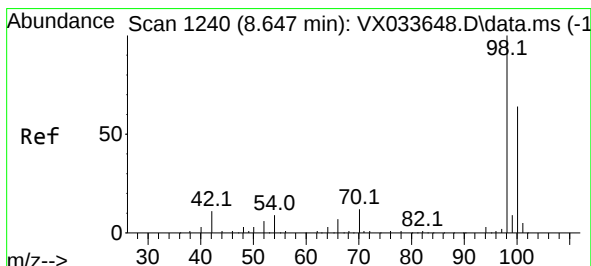
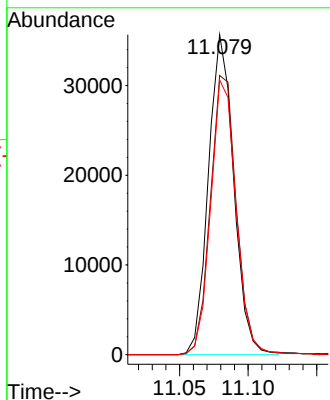
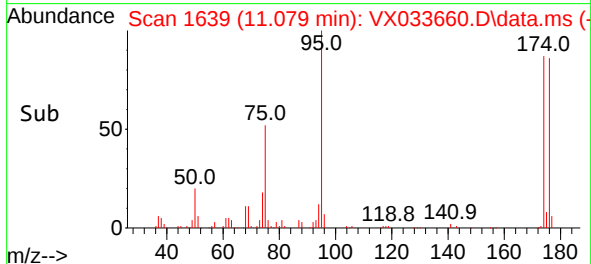
Instrument :
MSVOA_X
ClientSampleId :
TWP02



Tgt Ion: 95 Resp: 4584
Ion Ratio Lower Upper
95 100
174 89.8 73.7 110.5
176 86.3 71.0 106.4

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#63
Toluene-d8
Concen: 30.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033660.D
Acq: 09 Jan 2023 13:32

Tgt Ion: 98 Resp: 86629
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

