

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037106.D
 Acq On : 19 Aug 2023 04:02
 Operator : JC/MD
 Sample : 04071-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10

Quant Time: Aug 21 01:40:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	143638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124420	60.083	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.160%#			
35) Dibromofluoromethane	5.385	113	97327	55.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.440%			
50) Toluene-d8	8.646	98	333223	52.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.180%			
62) 4-Bromofluorobenzene	11.079	95	131392	52.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.520%			
Target Compounds					Qvalue	
16) Acetone	2.379	43	45683	56.391	ug/l	92
17) Carbon Disulfide	2.513	76	3789	1.007	ug/l #	94
20) Methylene Chloride	2.788	84	14224	7.851	ug/l	91
25) 2-Butanone	4.562	43	14442	11.840	ug/l #	88
37) Ethyl Acetate	4.726	43	3727	1.470	ug/l #	96
40) Benzene	6.037	78	448005	62.941	ug/l	99
43) Isopropyl Acetate	6.336	43	116494	28.943	ug/l #	93
52) Toluene	8.720	92	230201	48.949	ug/l	100
67) Ethyl Benzene	10.195	91	20890	2.320	ug/l	100
68) m/p-Xylenes	10.299	106	52368	15.061	ug/l	99
69) o-Xylene	10.640	106	32275	9.408	ug/l	98
70) Styrene	10.652	104	35619	6.303	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	9673	1.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	71000m	10.173	ug/l	
95) Naphthalene	13.774	128	2522879	265.569	ug/l	99

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

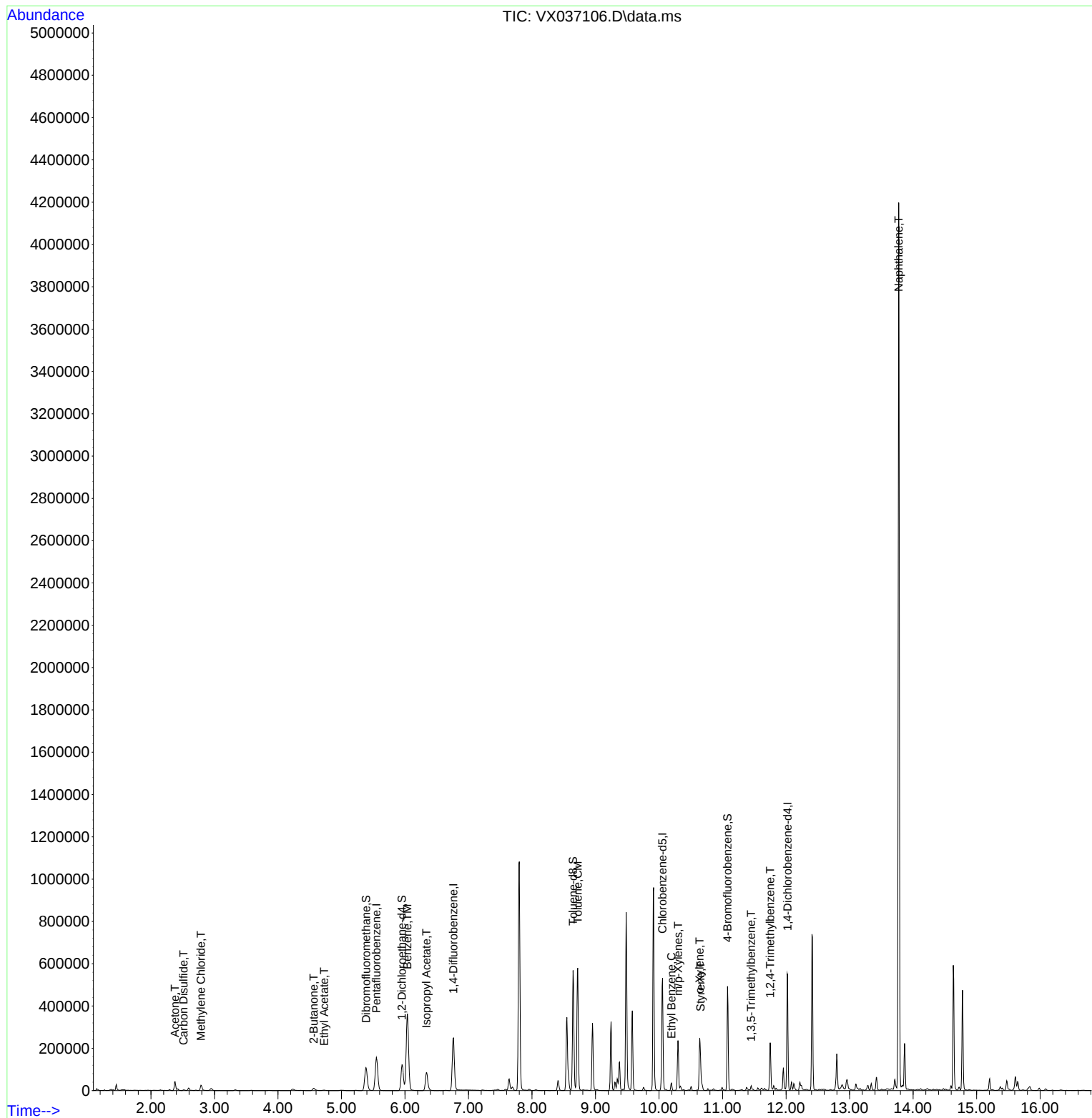
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
Data File : VX037106.D
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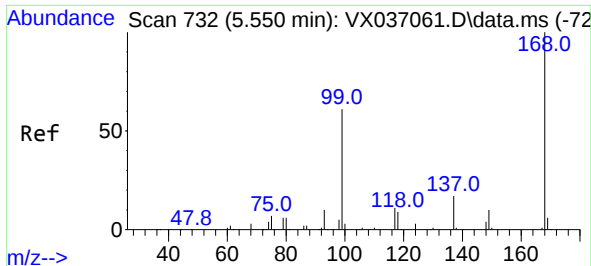
Instrument :
MSVOA_X
ClientSampleId :
SB-10

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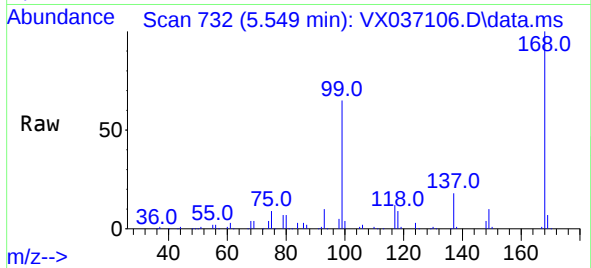
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

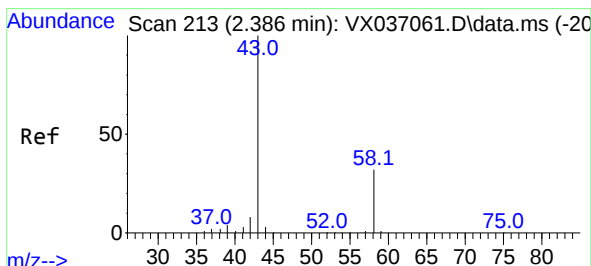
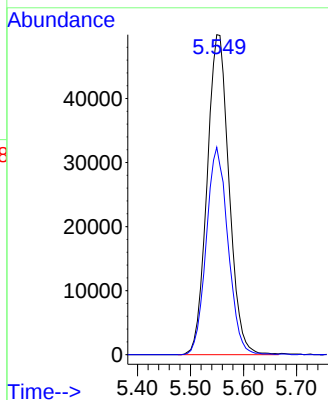
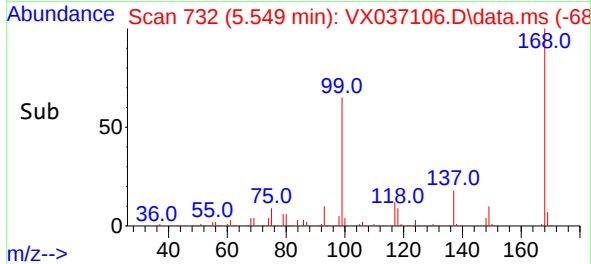
Instrument :
MSVOA_X
ClientSampleId :
SB-10



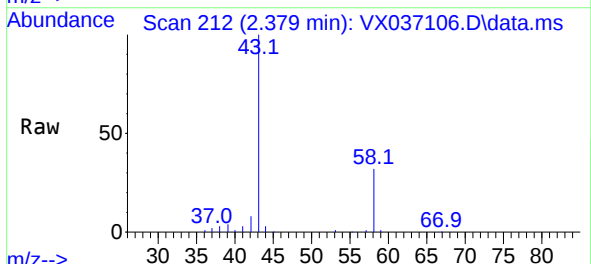
Tgt Ion:168 Resp: 143638
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0

Manual Integrations
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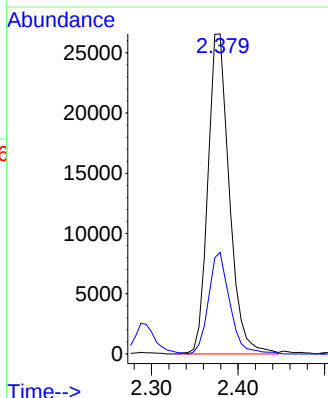
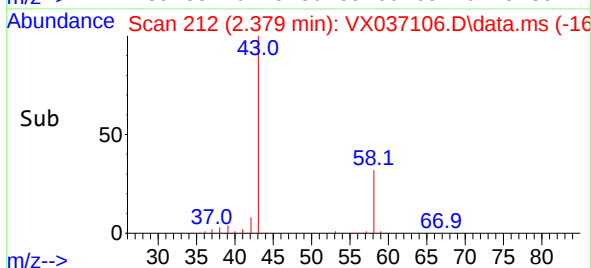
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

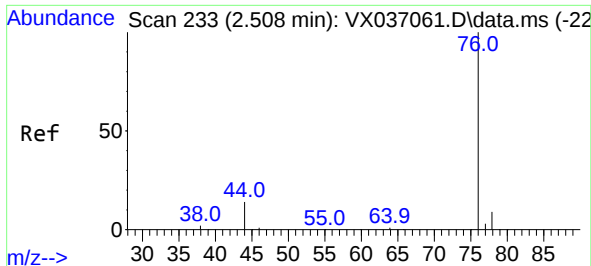


#16
Acetone
Concen: 56.391 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02



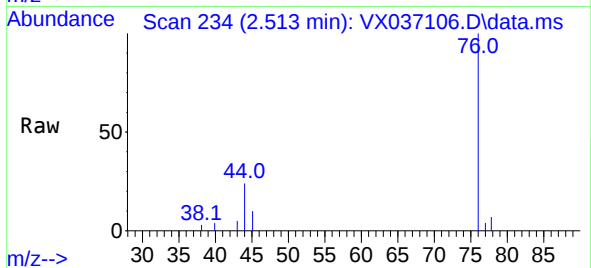
Tgt Ion: 43 Resp: 45683
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17
Carbon Disulfide
Concen: 1.007 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

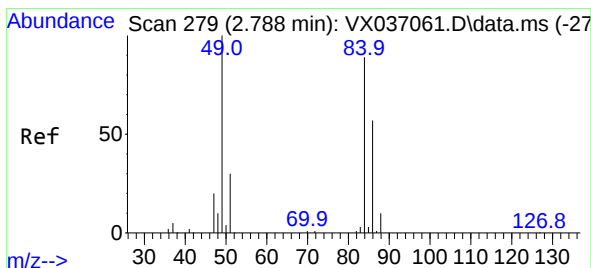
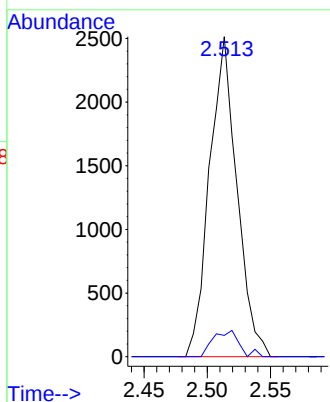
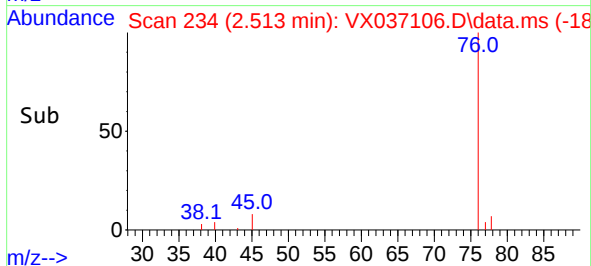
Instrument :
MSVOA_X
ClientSampleId :
SB-10



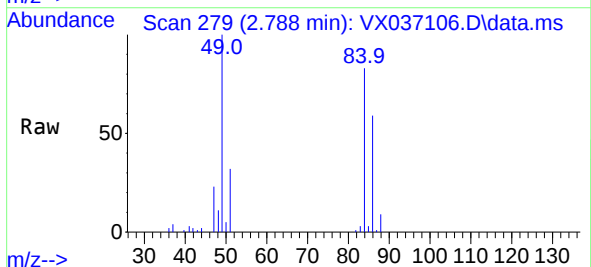
Tgt Ion: 76 Resp: 3789
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6

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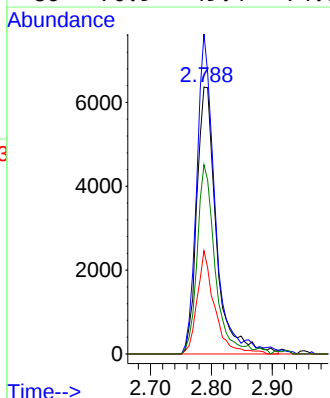
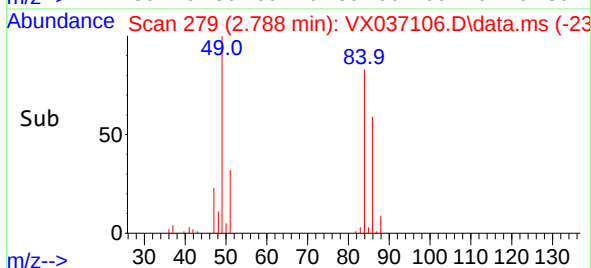
Reviewed By :Semsettin Yesilyurt 08/21/2023
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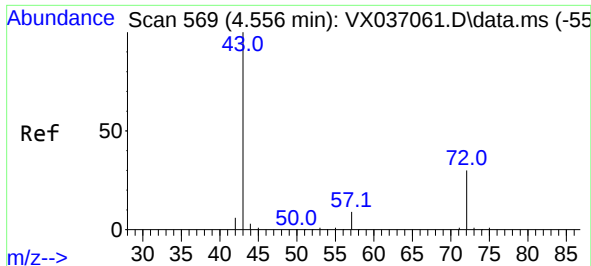


#20
Methylene Chloride
Concen: 7.851 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02



Tgt Ion: 84 Resp: 14224
Ion Ratio Lower Upper
84 100
49 119.9 103.6 155.4
51 38.7 33.8 50.6
86 70.9 49.4 74.0





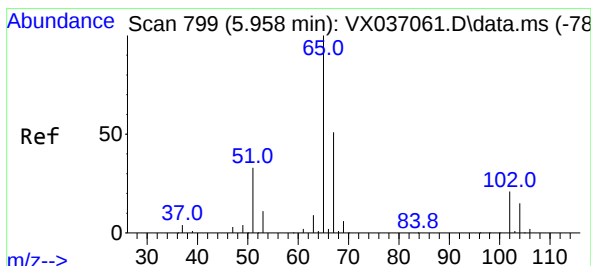
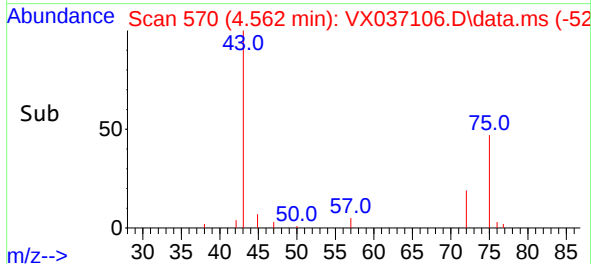
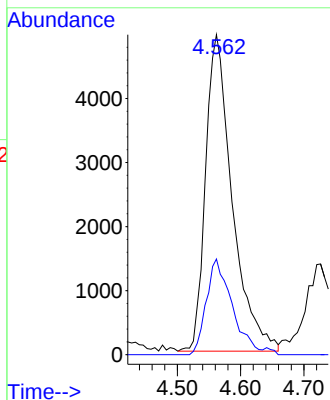
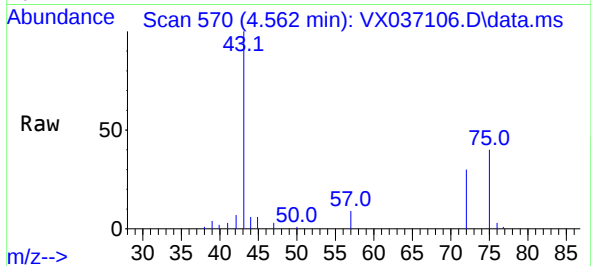
#25
2-Butanone
Concen: 11.840 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Instrument :
MSVOA_X
ClientSampleId :
SB-10

Tgt Ion: 43 Resp: 1444
Ion Ratio Lower Upper
43 100
72 30.2 19.4 29.2

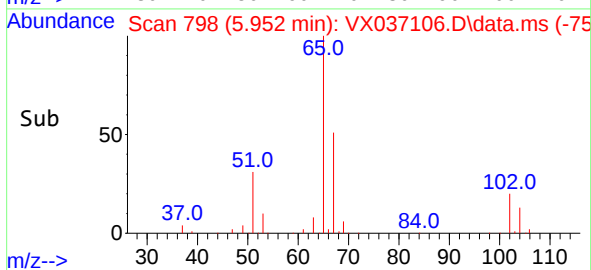
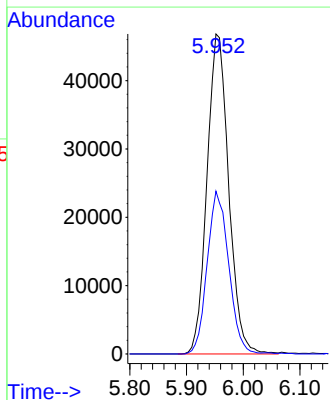
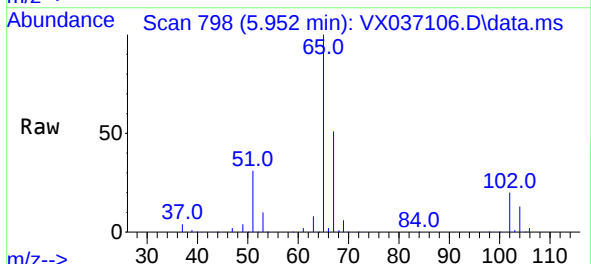
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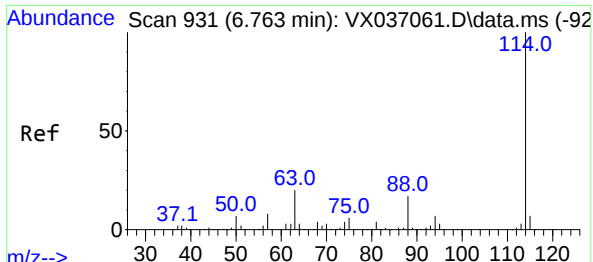
Reviewed By :Semsettin Yesilyurt 08/21/2023
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#33
1,2-Dichloroethane-d4
Concen: 60.083 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

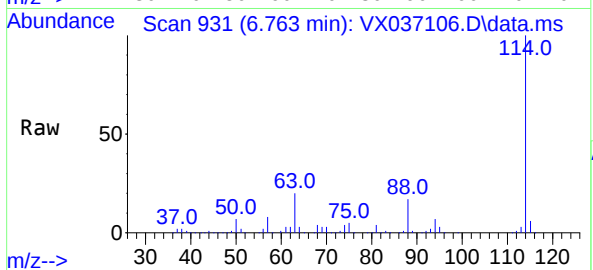
Tgt Ion: 65 Resp: 124420
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

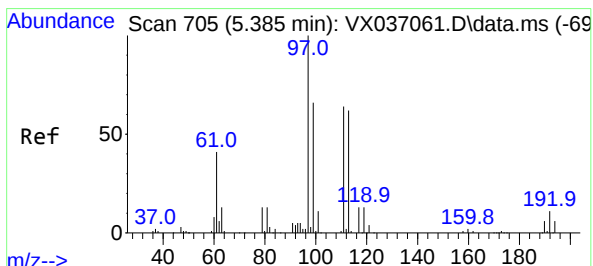
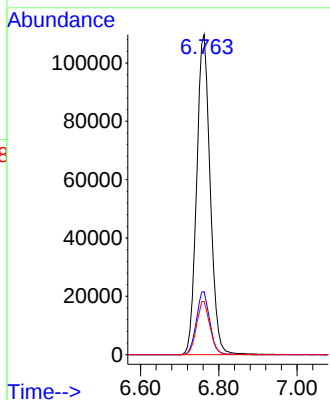
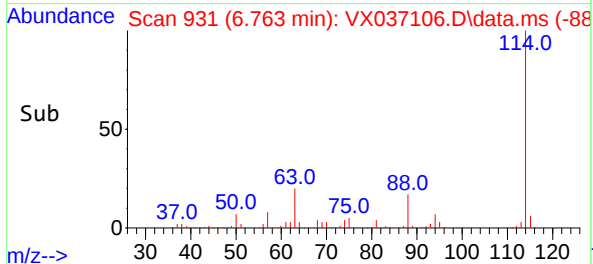
Instrument :
MSVOA_X
ClientSampleId :
SB-10



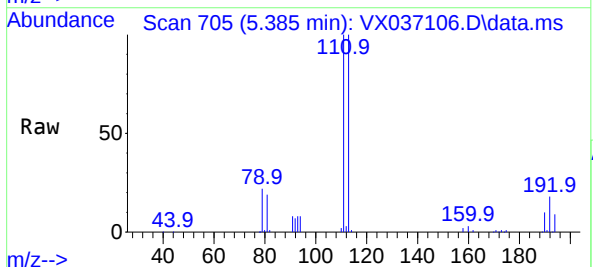
Tgt Ion:114 Resp: 26376
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.7 0.0 36.6

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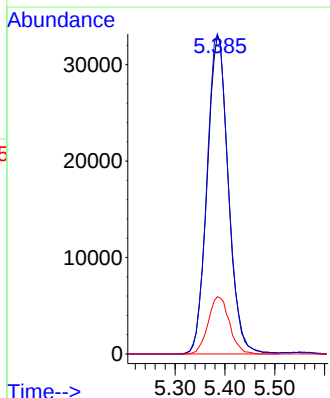
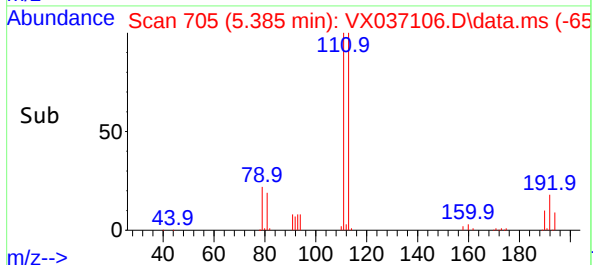
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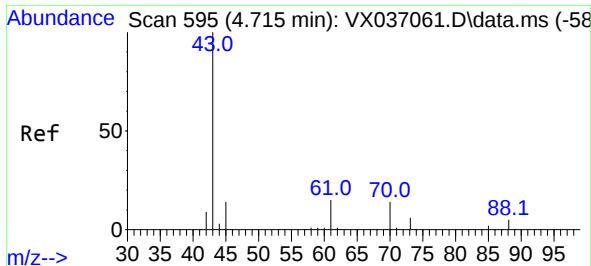


#35
Dibromofluoromethane
Concen: 55.716 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02



Tgt Ion:113 Resp: 97327
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.0 13.3 19.9





#37

Ethyl Acetate

Concen: 1.470 ug/l

RT: 4.726 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Instrument :

MSVOA_X

ClientSampleId :

SB-10

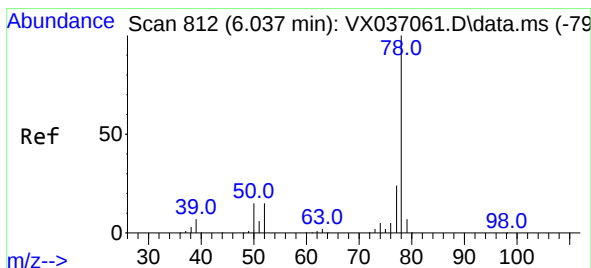
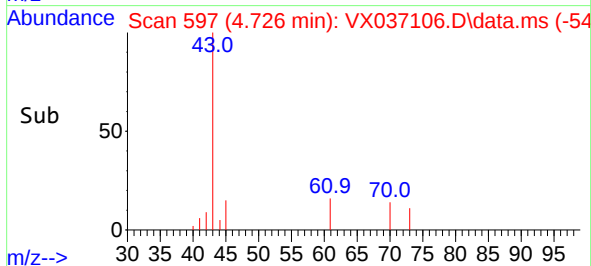
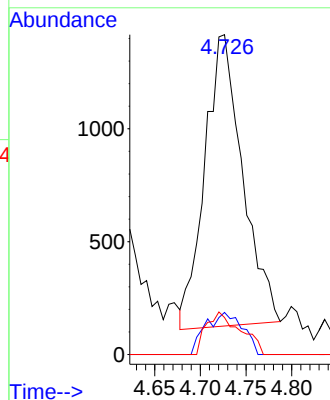
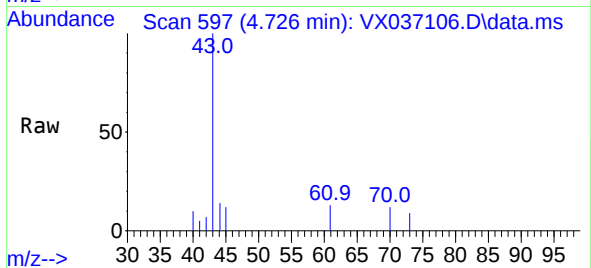
Tgt Ion: 43 Resp: 372

Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.6	16.0
70	13.2	8.3	12.5

Manual Integrations

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#40

Benzene

Concen: 62.941 ug/l

RT: 6.037 min Scan# 812

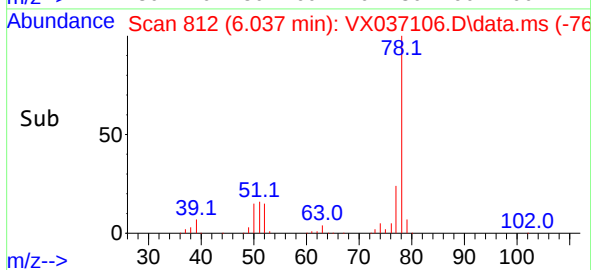
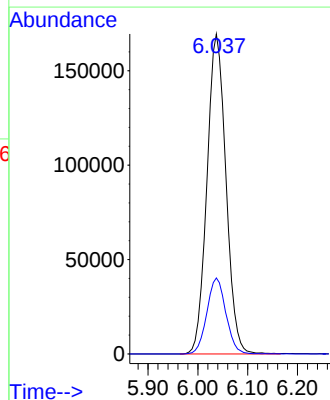
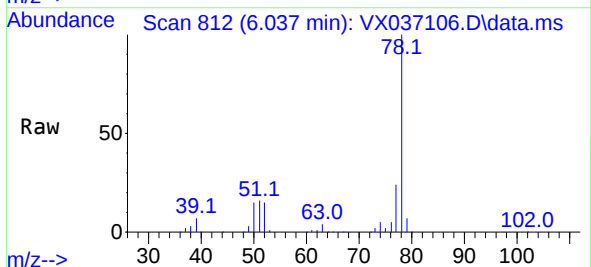
Delta R.T. -0.000 min

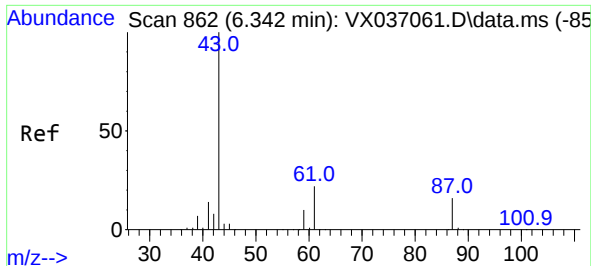
Lab File: VX037106.D

Acq: 19 Aug 2023 04:02

Tgt Ion: 78 Resp: 448005

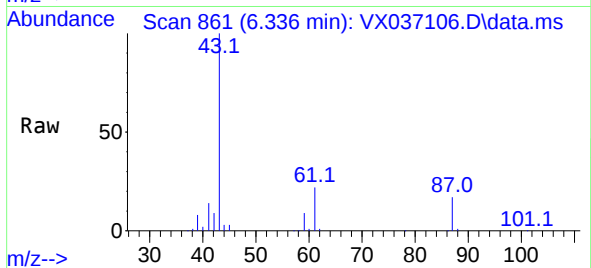
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#43
Isopropyl Acetate
Concen: 28.943 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

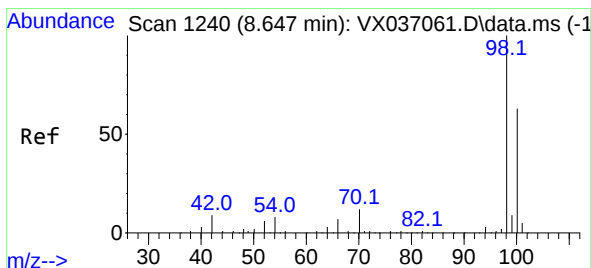
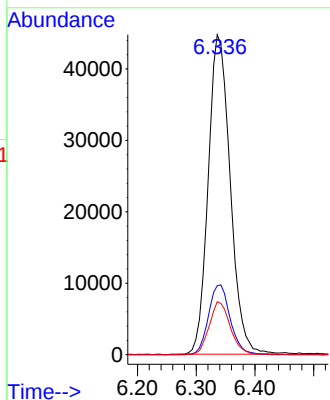
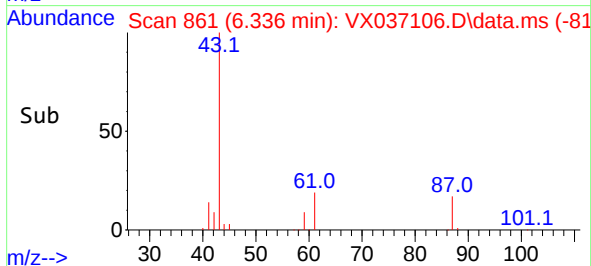
Instrument :
MSVOA_X
ClientSampleId :
SB-10



Tgt Ion: 43 Resp: 116494
Ion Ratio Lower Upper
43 100
61 21.6 15.2 22.8
87 15.9 9.8 14.6

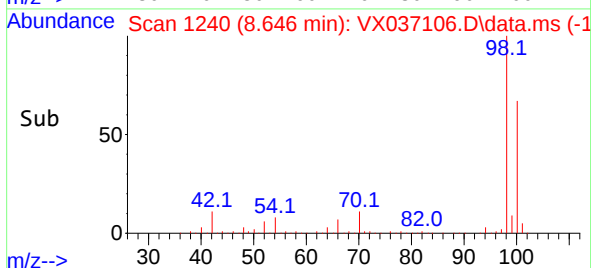
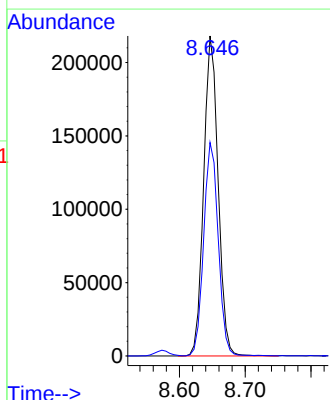
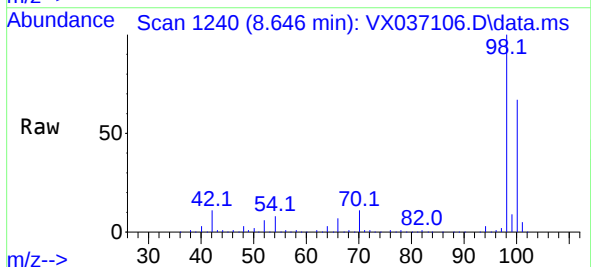
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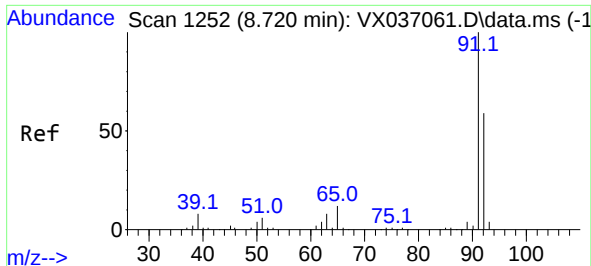
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#50
Toluene-d8
Concen: 52.588 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Tgt Ion: 98 Resp: 333223
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7





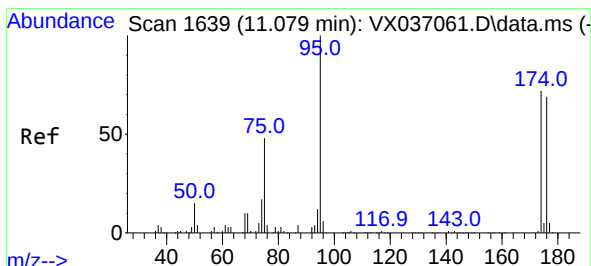
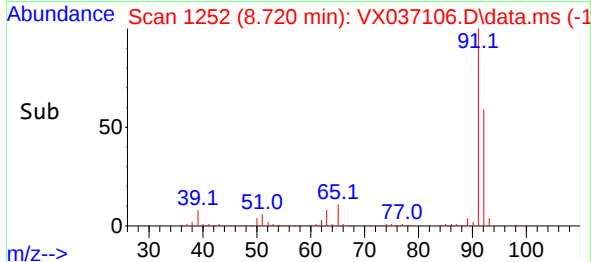
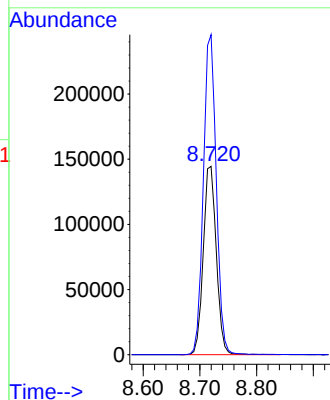
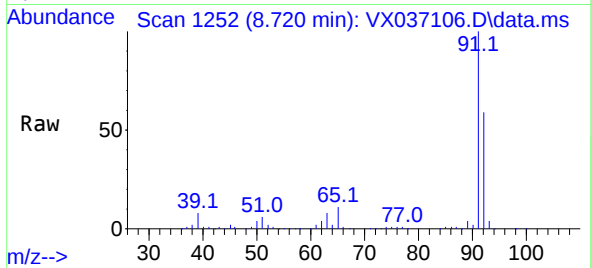
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Toluene
Concen: 48.949 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Instrument :
MSVOA_X
ClientSampleId :
SB-10

Tgt Ion: 92 Resp: 23020
Ion Ratio Lower Upper
92 100
91 167.8 134.2 201.2

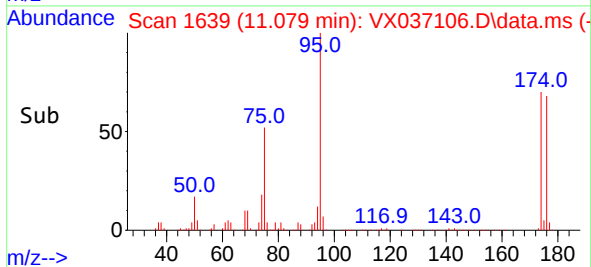
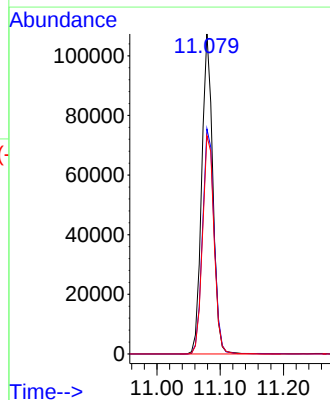
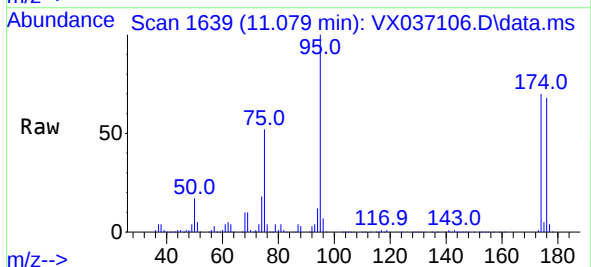
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APPROVED

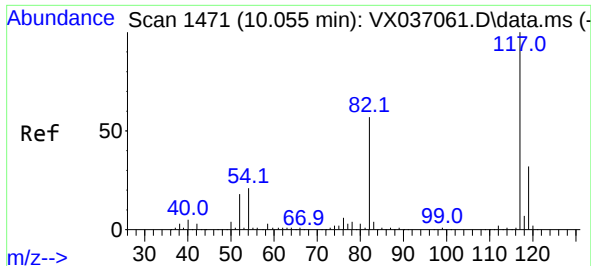
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#62
4-Bromofluorobenzene
Concen: 52.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Tgt Ion: 95 Resp: 131392
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.7 0.0 131.0





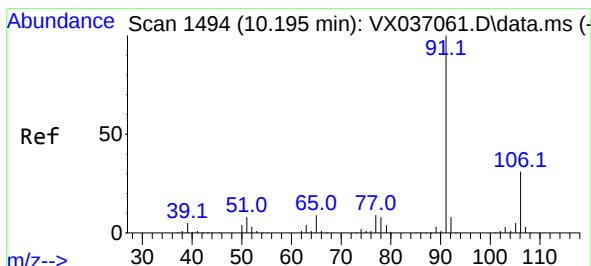
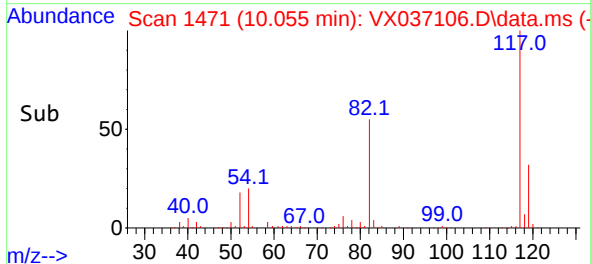
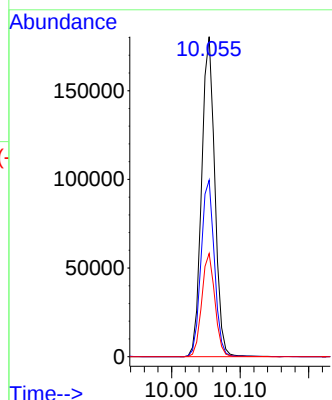
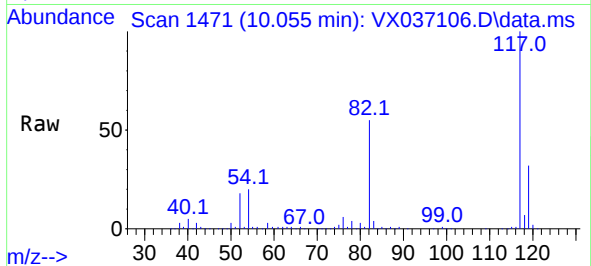
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Instrument :
MSVOA_X
ClientSampleId :
SB-10

Tgt Ion:117 Resp: 24210
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.2 25.5 38.3

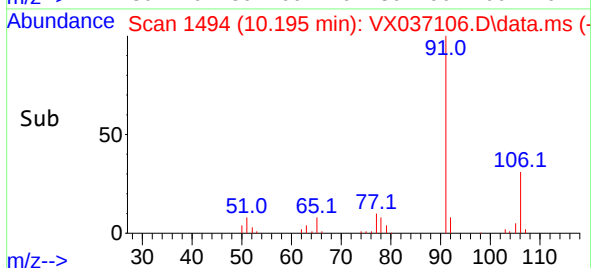
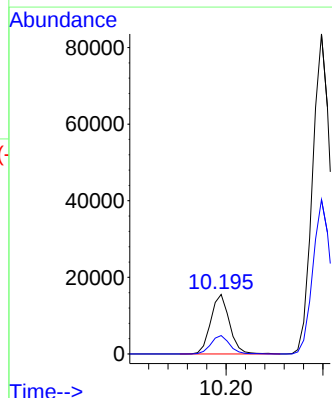
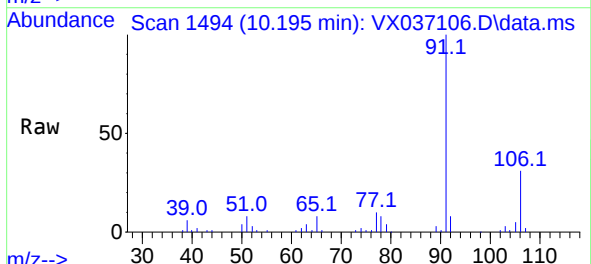
Manual Integrations
APPROVED

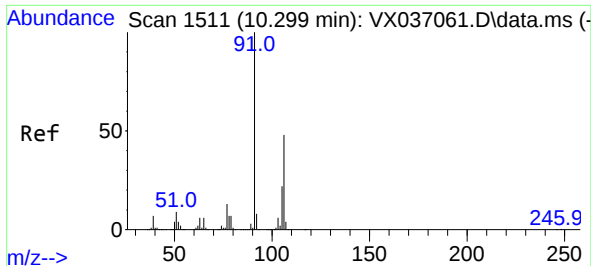
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#67
Ethyl Benzene
Concen: 2.320 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

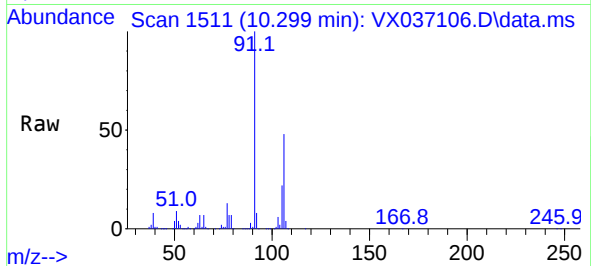
Tgt Ion: 91 Resp: 20890
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3





#68
m/p-Xylenes
Concen: 15.061 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

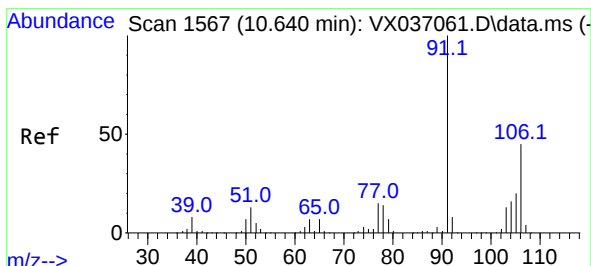
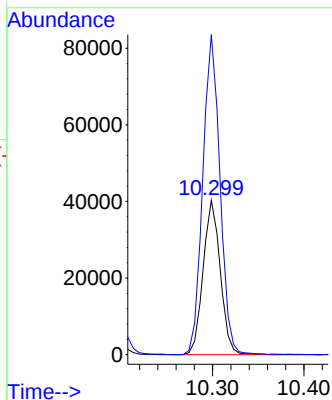
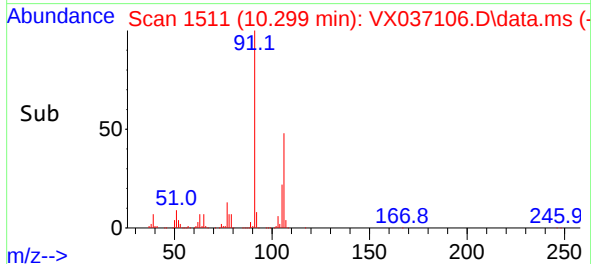
Instrument :
MSVOA_X
ClientSampleId :
SB-10



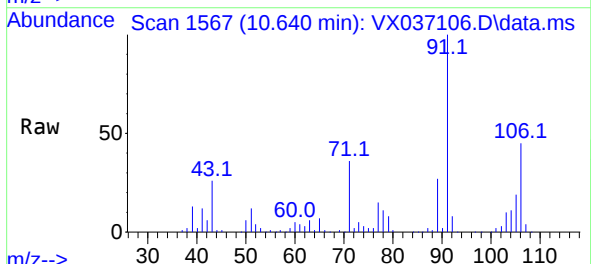
Tgt Ion:106 Resp: 52368
Ion Ratio Lower Upper
106 100
91 208.5 165.5 248.3

Manual Integrations
APPROVED

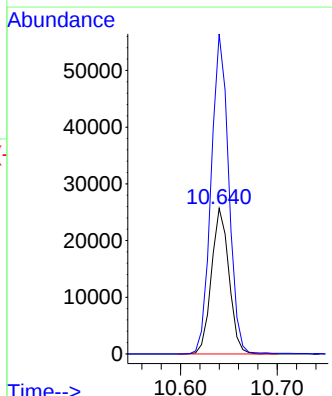
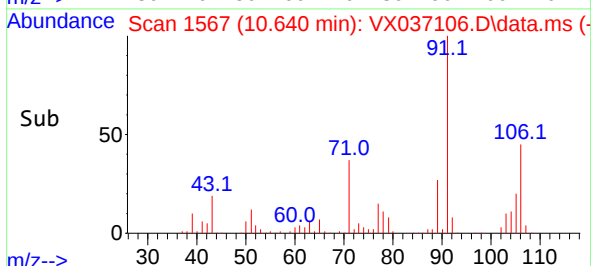
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

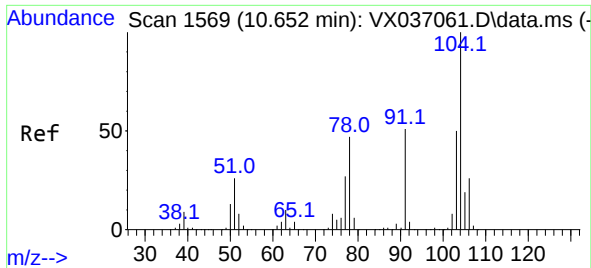


#69
o-Xylene
Concen: 9.408 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02



Tgt Ion:106 Resp: 32275
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.8





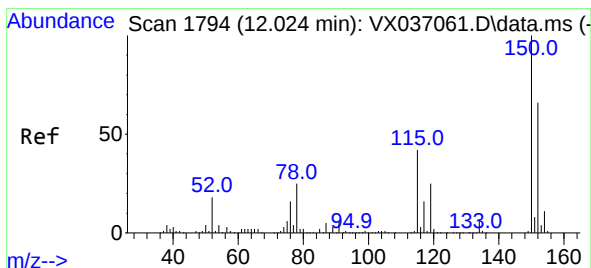
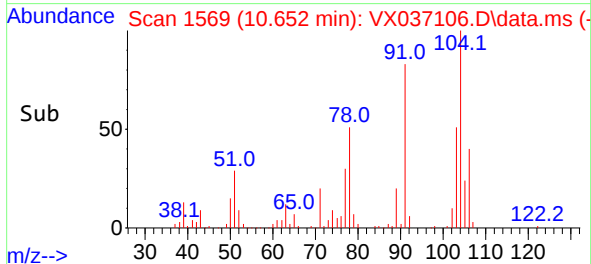
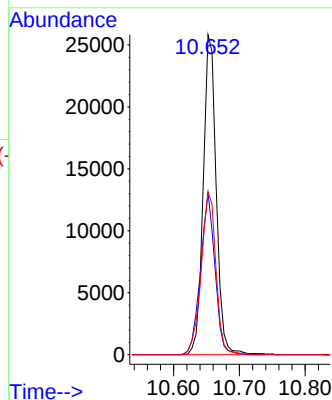
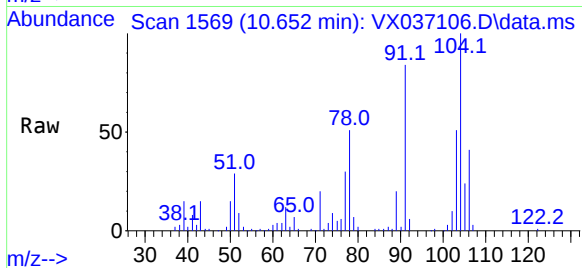
#70
Styrene
Concen: 6.303 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Instrument :
MSVOA_X
ClientSampleId :
SB-10

Tgt Ion:104 Resp: 35619
Ion Ratio Lower Upper
104 100
78 56.0 43.6 65.4
103 57.6 43.6 65.4

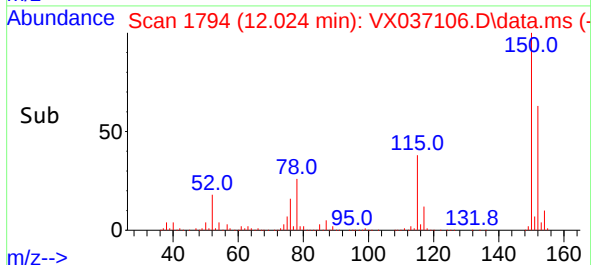
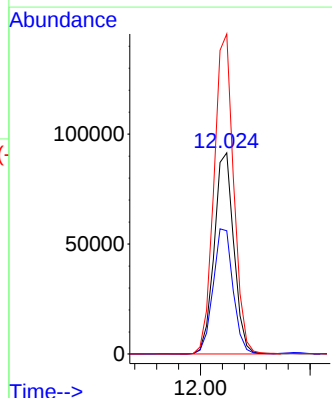
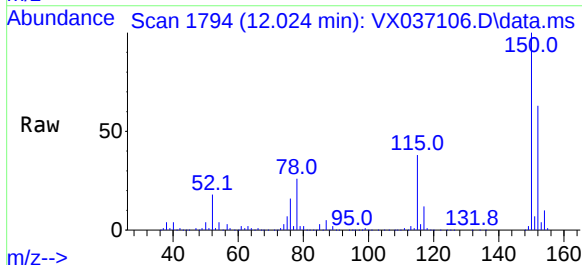
Manual Integrations
APPROVED

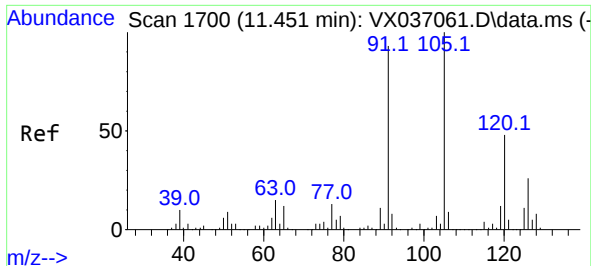
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

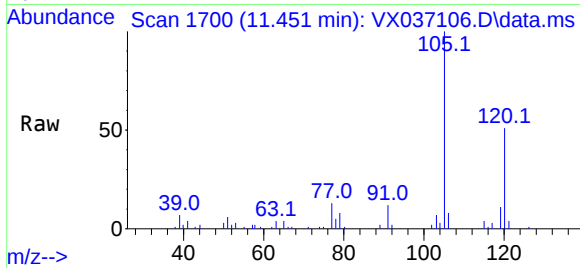
Tgt Ion:152 Resp: 113890
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 159.4 0.0 345.0





#80
1,3,5-Trimethylbenzene
Concen: 1.401 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

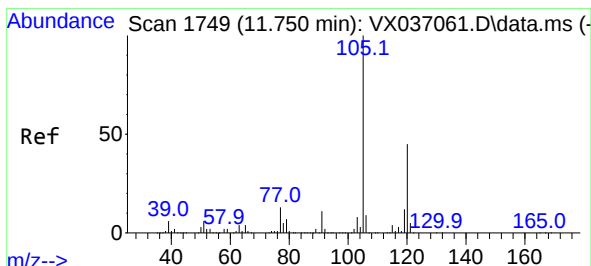
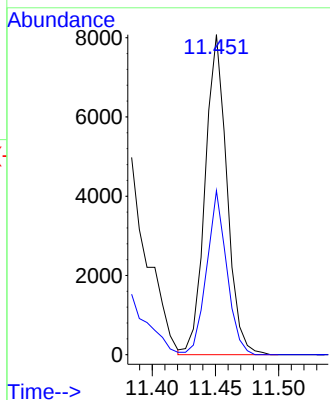
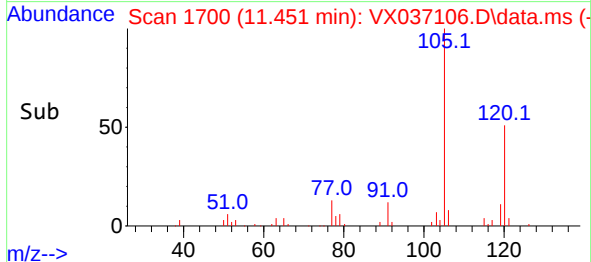
Instrument :
MSVOA_X
ClientSampleId :
SB-10



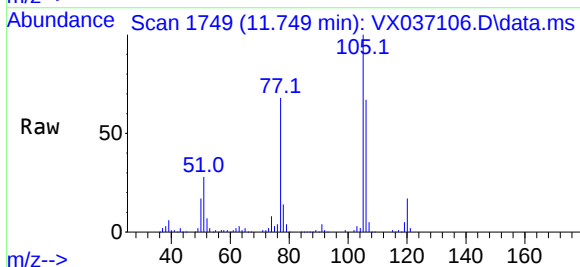
Tgt Ion:105 Resp: 967
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

Manual Integrations
APPROVED

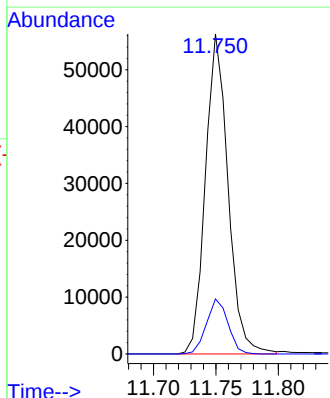
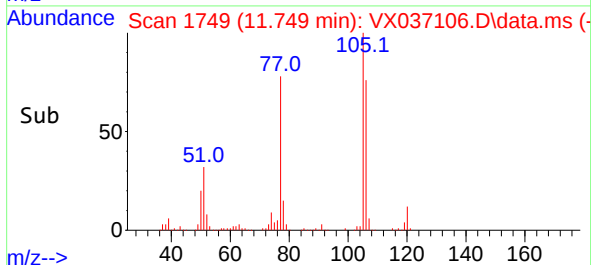
Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

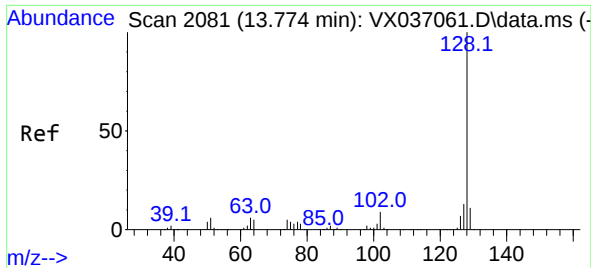


#84
1,2,4-Trimethylbenzene
Concen: 10.173 ug/l m
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02



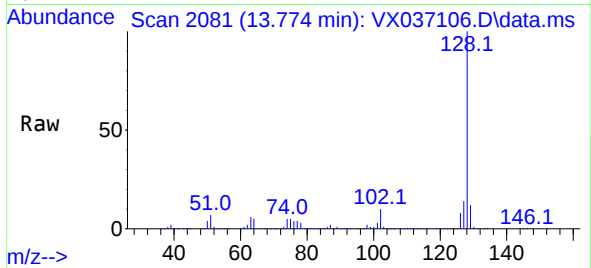
Tgt Ion:105 Resp: 71000
Ion Ratio Lower Upper
105 100
120 1.6 21.2 63.6#





#95
Naphthalene
Concen: 265.569 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037106.D
Acq: 19 Aug 2023 04:02

Instrument :
MSVOA_X
ClientSampleId :
SB-10



Tgt Ion:128 Resp: 2522879
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
Supervised By :Mahesh Dadoda 08/21/2023

