

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039509.D
 Acq On : 28 Dec 2023 12:29
 Operator : JC/MD
 Sample : 06024-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1222

Quant Time: Dec 28 22:48:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/29/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	90005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	187262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80300	48.701	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.385	113	61490	47.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.646	98	236312	49.202	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	91798	46.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.640%		
Target Compounds					Qvalue	
31) Cyclohexane	5.464	56	7460	3.503	ug/l	92
39) Methylcyclohexane	7.378	83	3641	1.485	ug/l	87
40) Benzene	6.037	78	131858	22.833	ug/l	97
52) Toluene	8.720	92	148618	42.639	ug/l	94
67) Ethyl Benzene	10.195	91	22638	3.028	ug/l	96
68) m/p-Xylenes	10.299	106	30271	11.292	ug/l	98
69) o-Xylene	10.640	106	14240	5.494	ug/l	91
73) Isopropylbenzene	10.963	105	2071	0.359	ug/l	100
78) n-propylbenzene	11.304	91	4901	0.690	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	7861	1.600	ug/l	94
84) 1,2,4-Trimethylbenzene	11.749	105	21682	4.303	ug/l	98
95) Naphthalene	13.780	128	3433	0.628	ug/l #	94

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

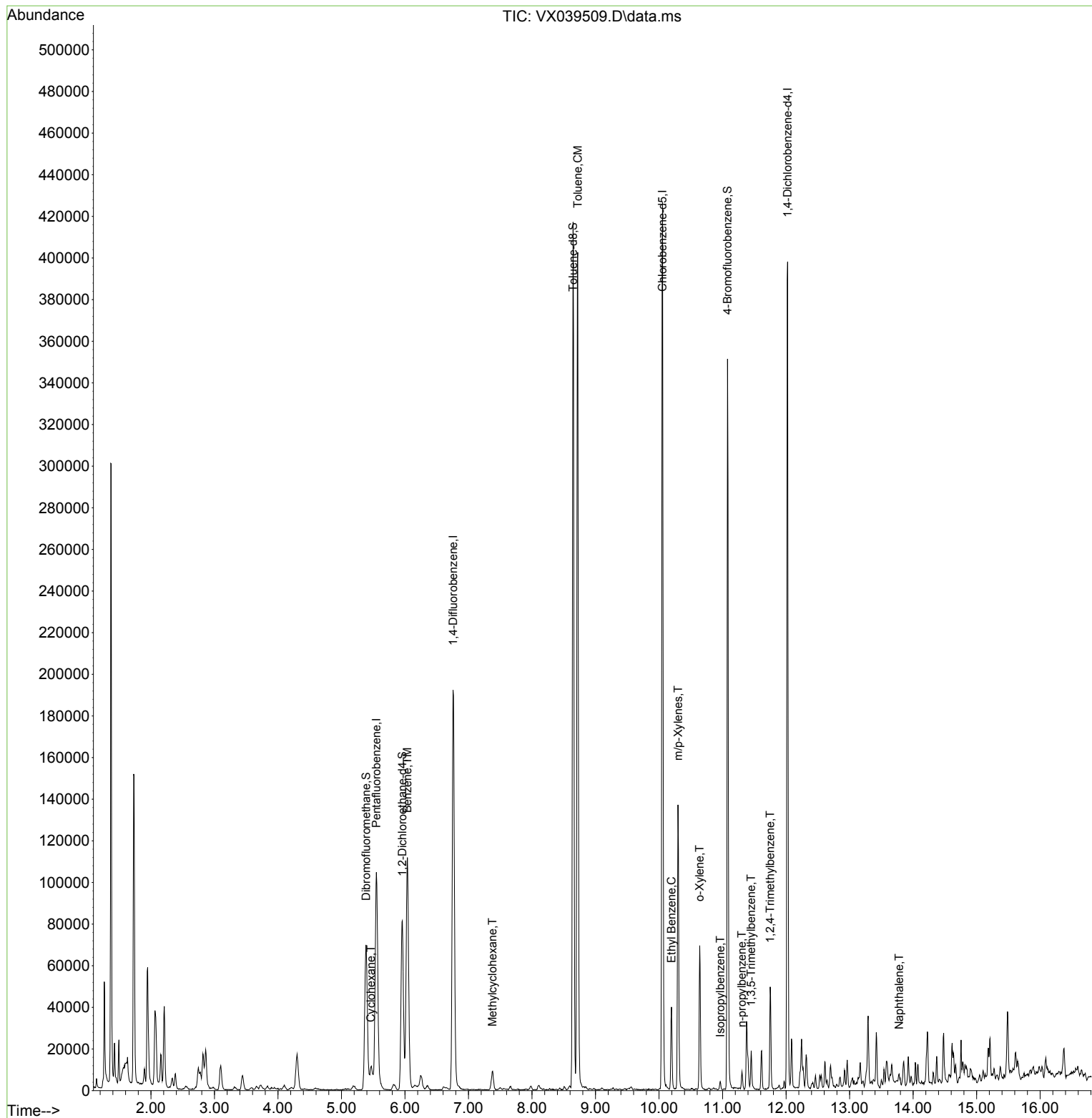
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
Data File : VX039509.D
Acq On : 28 Dec 2023 12:29
Operator : JC/MD
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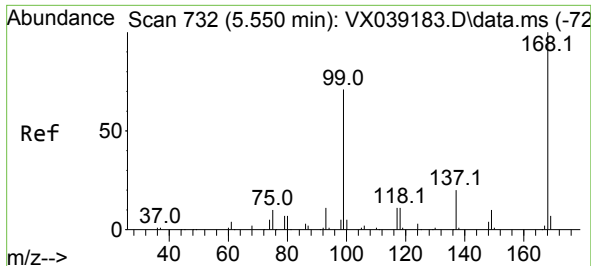
Instrument :
MSVOA_X
ClientSampleId :
1222

Quant Time: Dec 28 22:48:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

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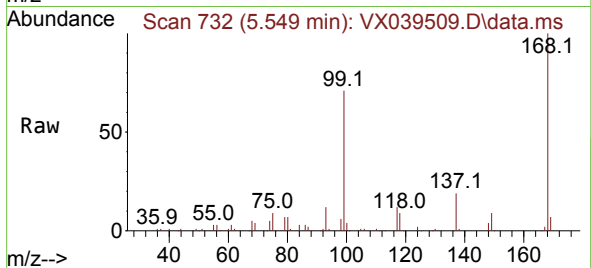
Reviewed By : John Carlone 12/29/2023
Supervised By : Semsettin Yesilyurt 01/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

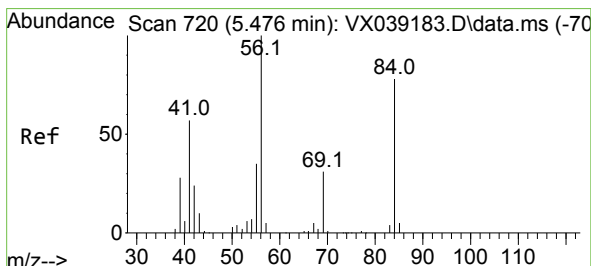
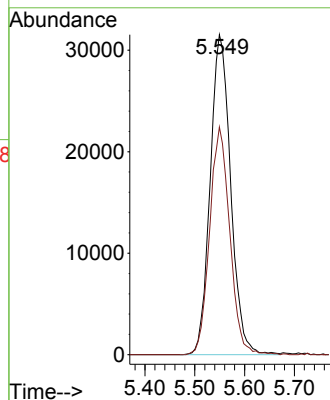
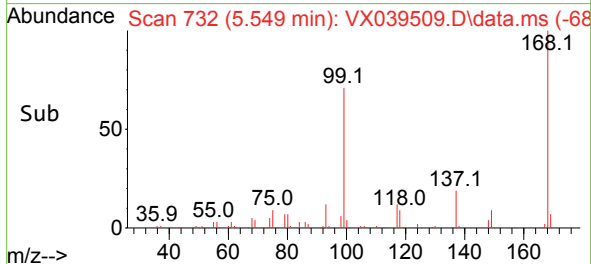
Instrument :
MSVOA_X
ClientSampleId :
1222



Tgt Ion:168 Resp: 9000
Ion Ratio Lower Upper
168 100
99 71.1 56.6 85.0

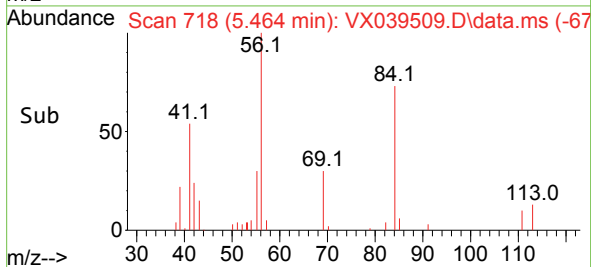
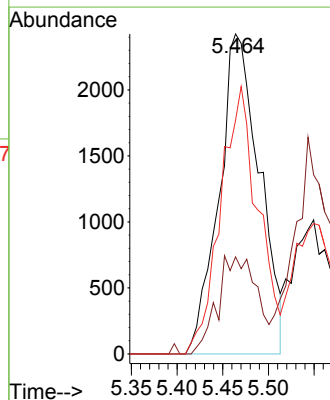
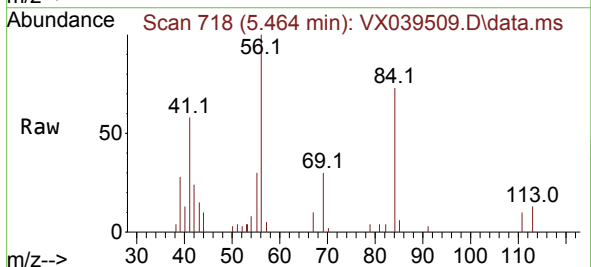
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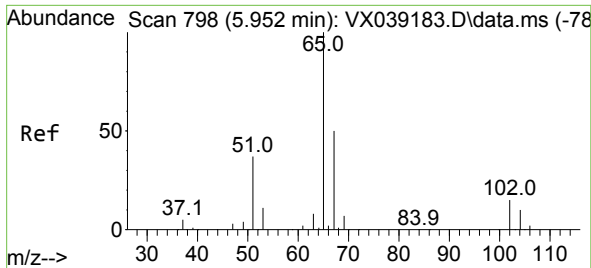
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#31
Cyclohexane
Concen: 3.503 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

Tgt Ion: 56 Resp: 7460
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 73.1 65.9 98.9





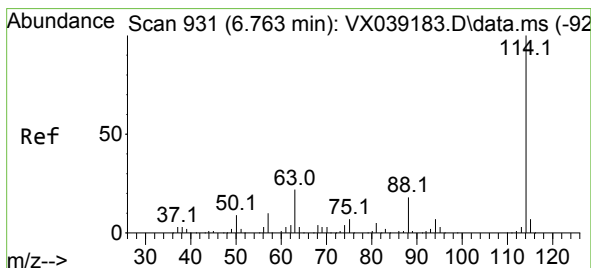
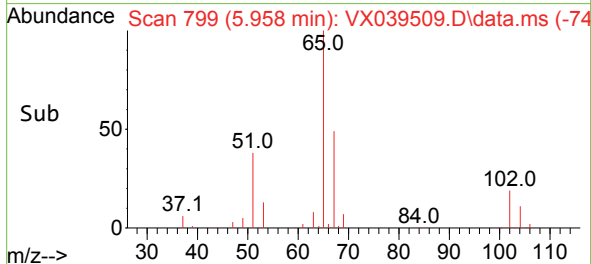
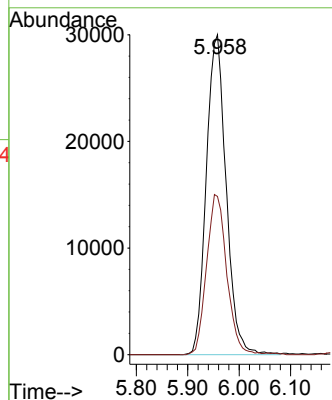
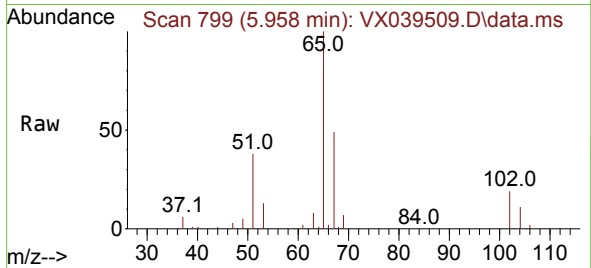
#33
 1,2-Dichloroethane-d4
 Concen: 48.701 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX039509.D
 Acq: 28 Dec 2023 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 1222

Tgt Ion: 65 Resp: 80300
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2

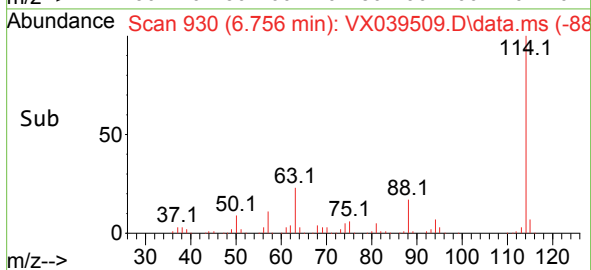
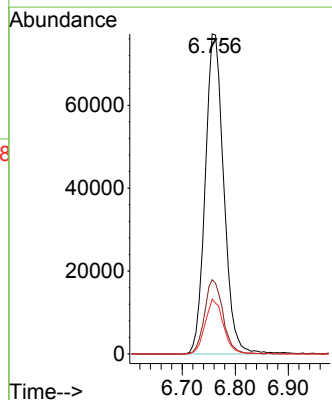
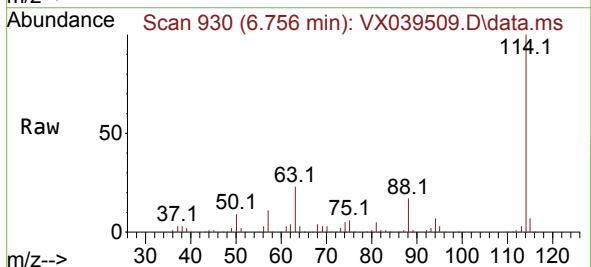
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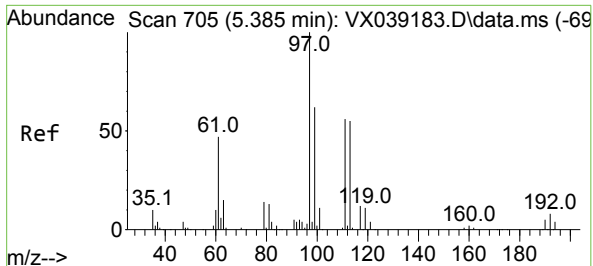
Reviewed By :John Carlone 12/29/2023
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039509.D
 Acq: 28 Dec 2023 12:29

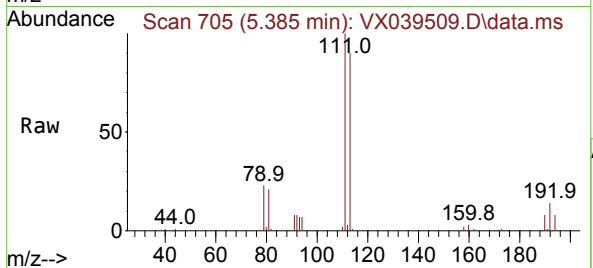
Tgt Ion:114 Resp: 187262
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.0
 88 17.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.531 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

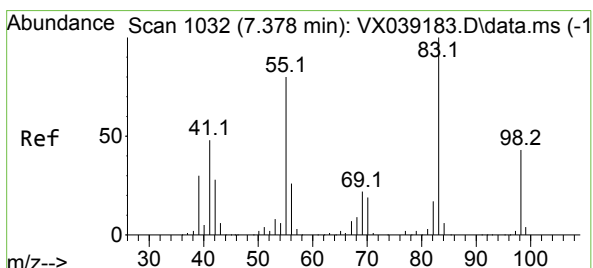
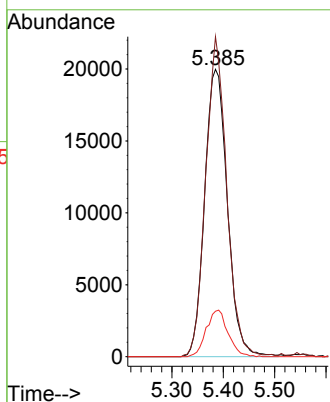
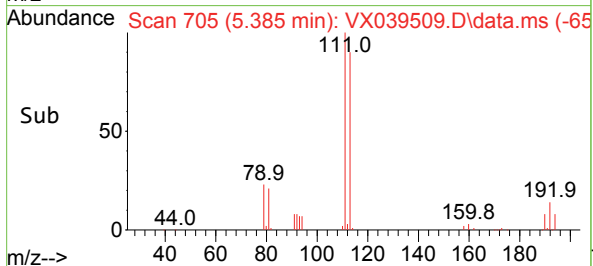
Instrument :
MSVOA_X
ClientSampleId :
1222



Tgt Ion: 113 Resp: 61490
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.5 13.3 19.9

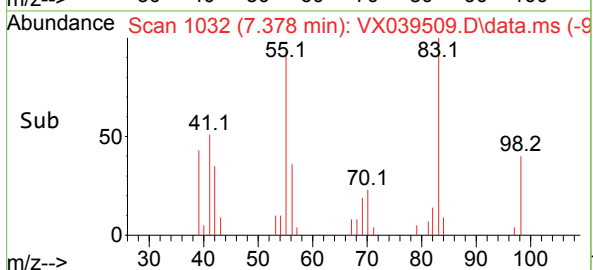
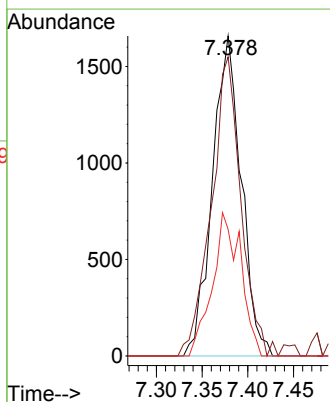
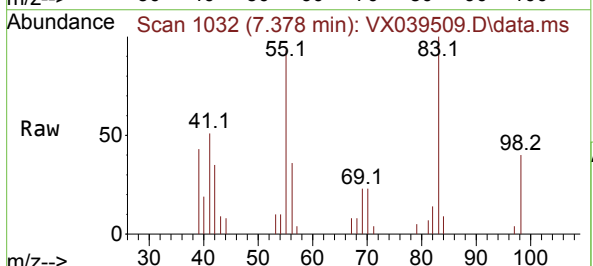
Manual Integrations
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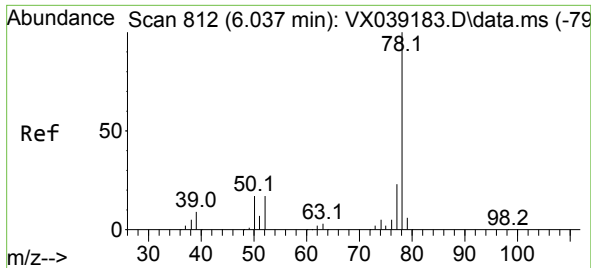
Reviewed By :John Carlone 12/29/2023
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#39
Methylcyclohexane
Concen: 1.485 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

Tgt Ion: 83 Resp: 3641
Ion Ratio Lower Upper
83 100
55 93.4 64.6 97.0
98 39.6 36.7 55.1





#40

Benzene

Concen: 22.833 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039509.D

Acq: 28 Dec 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

1222

Tgt Ion: 78 Resp: 13185

Ion Ratio Lower Upper

78 100

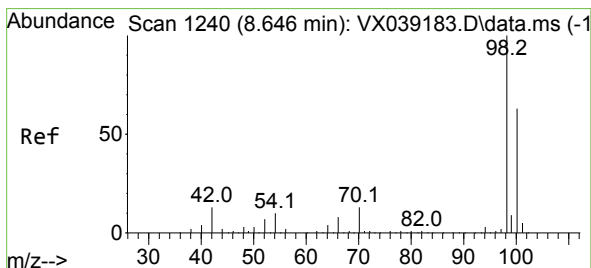
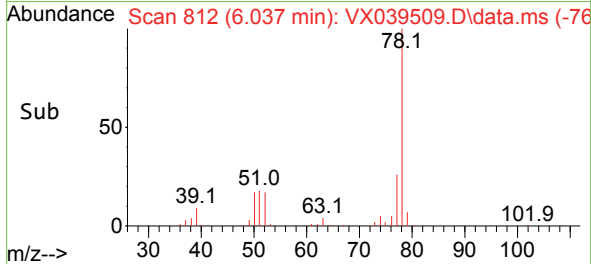
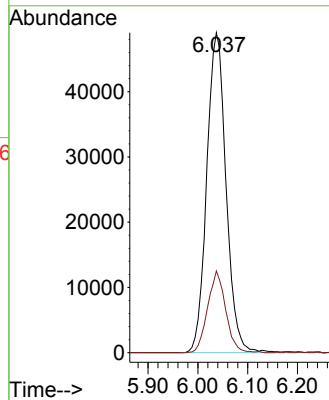
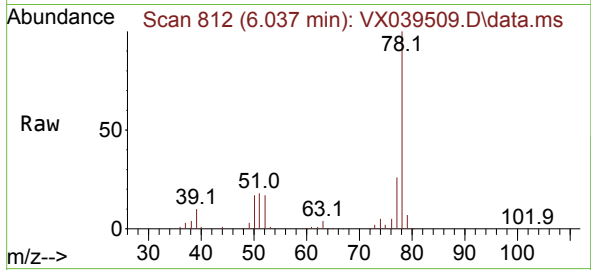
77 25.5 19.3 28.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/01/2024



#50

Toluene-d8

Concen: 49.202 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX039509.D

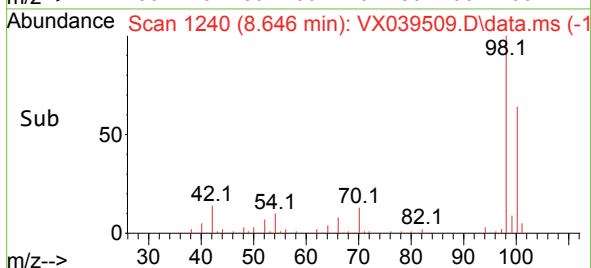
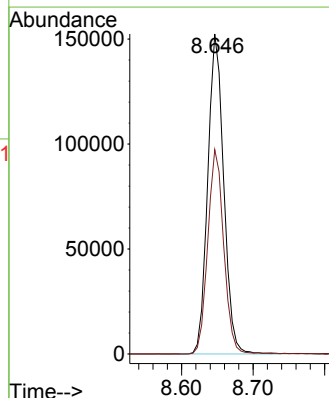
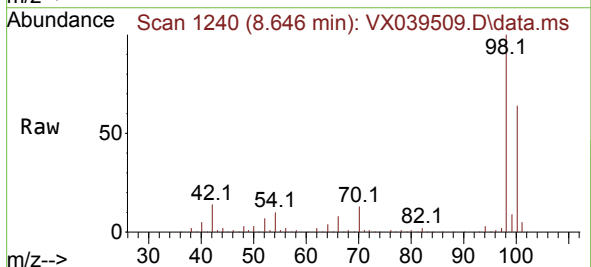
Acq: 28 Dec 2023 12:29

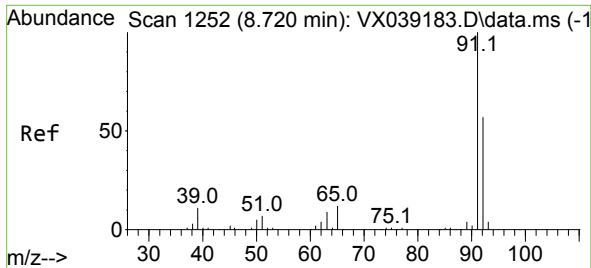
Tgt Ion: 98 Resp: 236312

Ion Ratio Lower Upper

98 100

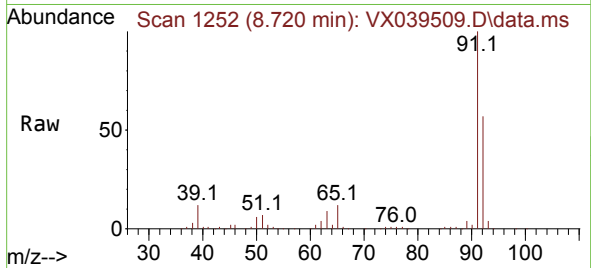
100 63.8 53.1 79.7





#52
Toluene
Concen: 42.639 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

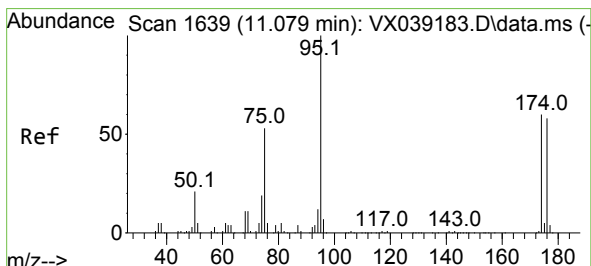
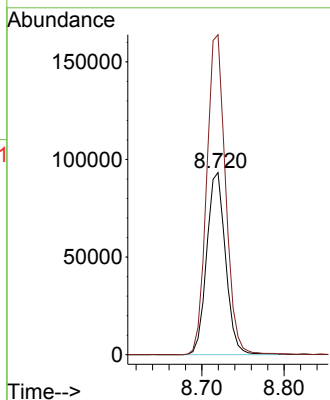
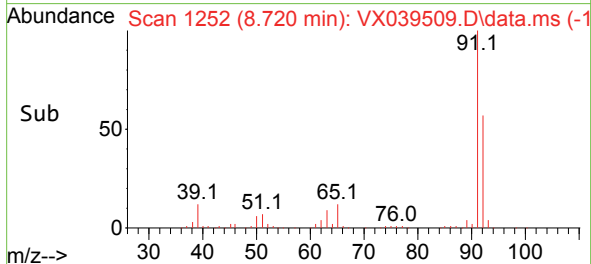
Instrument :
MSVOA_X
ClientSampleId :
1222



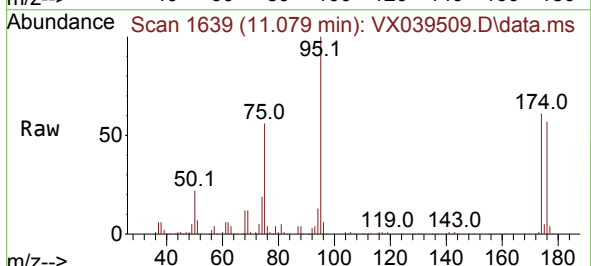
Tgt Ion: 92 Resp: 148618
Ion Ratio Lower Upper
92 100
91 176.2 134.2 201.2

Manual Integrations
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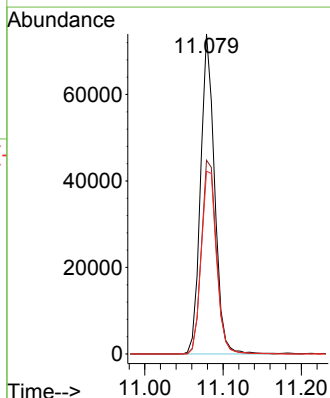
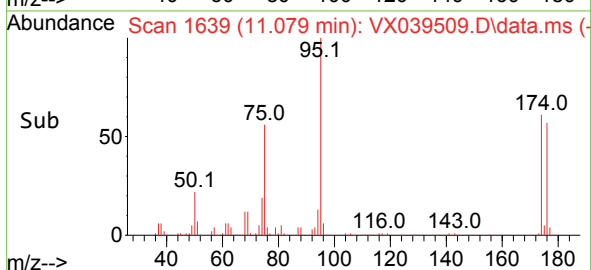
Reviewed By :John Carlone 12/29/2023
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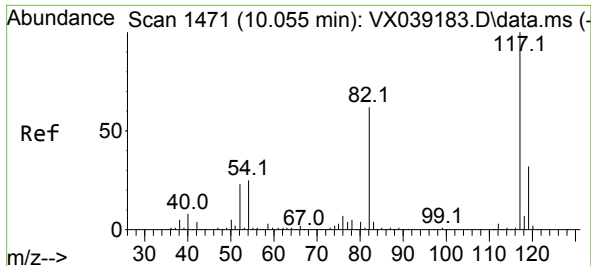


#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29



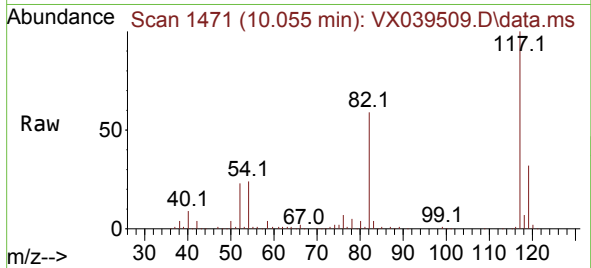
Tgt Ion: 95 Resp: 91798
Ion Ratio Lower Upper
95 100
174 65.1 0.0 135.6
176 62.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

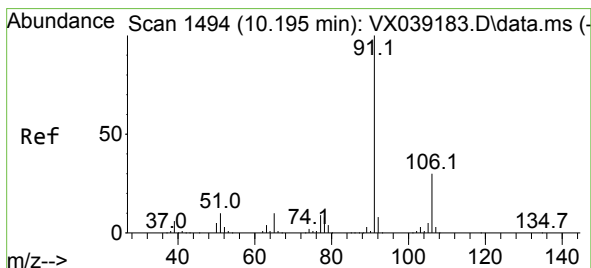
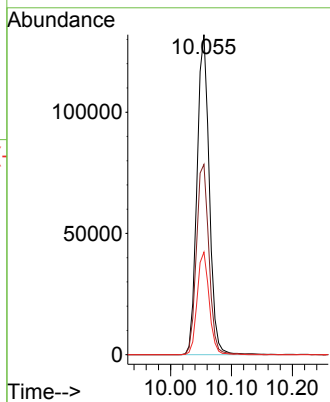
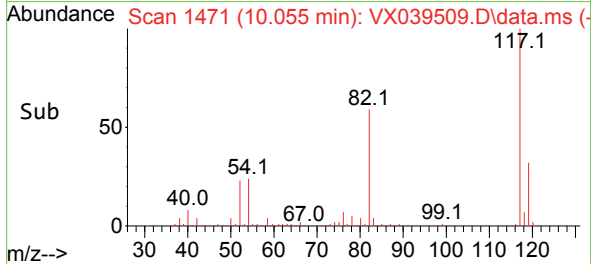
Instrument :
MSVOA_X
ClientSampleId :
1222



Tgt Ion:117 Resp: 184015
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 32.0 25.5 38.3

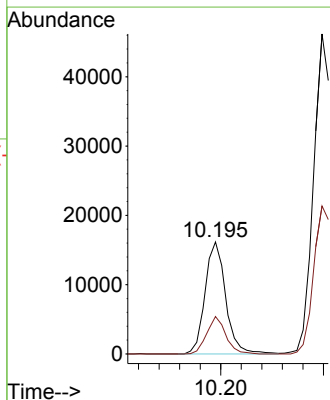
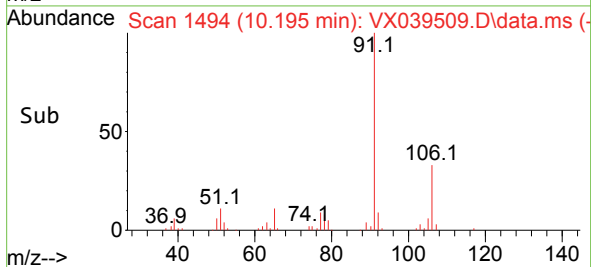
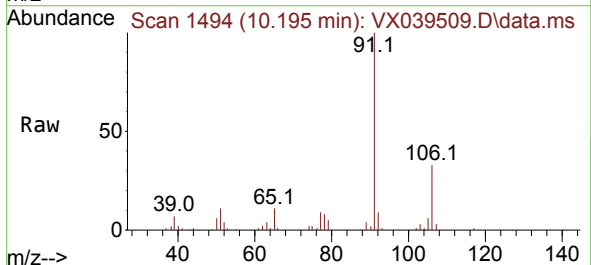
Manual Integrations
APPROVED

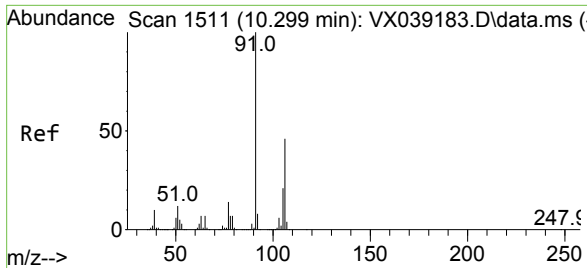
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#67
Ethyl Benzene
Concen: 3.028 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

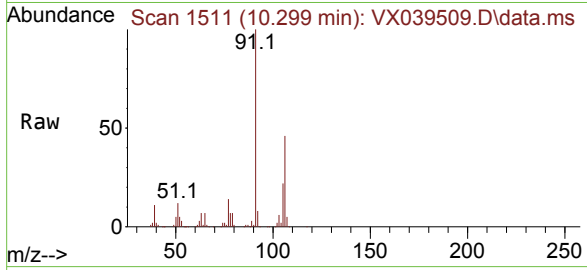
Tgt Ion: 91 Resp: 22638
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3





#68
m/p-Xylenes
Concen: 11.292 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

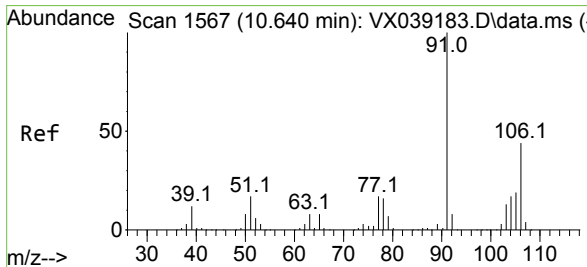
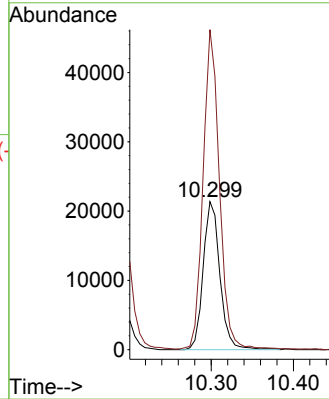
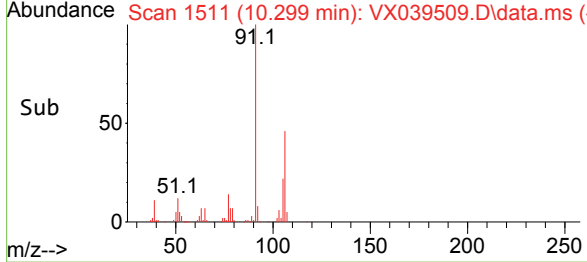
Instrument :
MSVOA_X
ClientSampleId :
1222



Tgt Ion:106 Resp: 3027
Ion Ratio Lower Upper
106 100
91 210.2 165.5 248.3

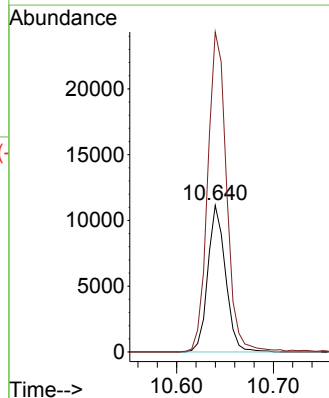
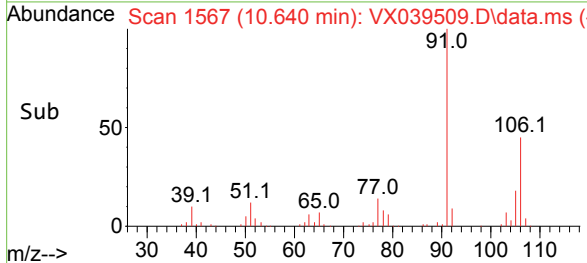
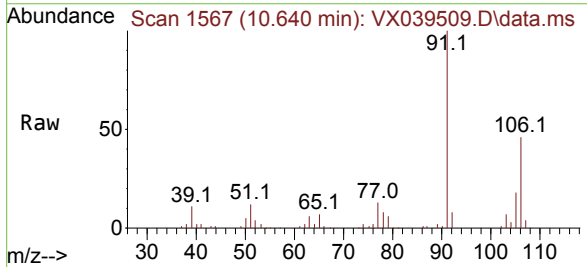
Manual Integrations
APPROVED

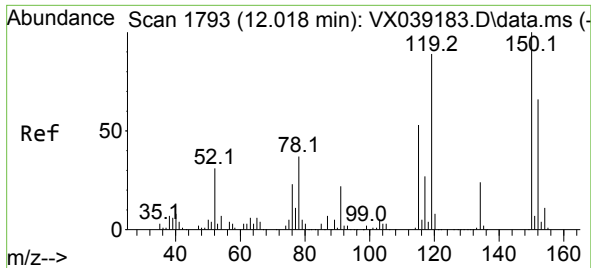
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#69
o-Xylene
Concen: 5.494 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

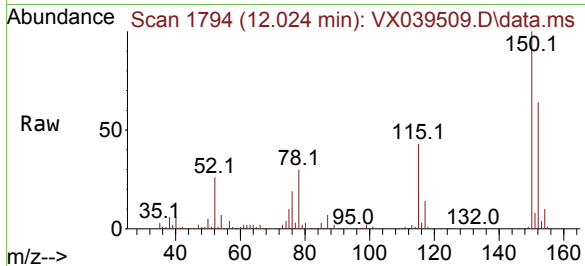
Tgt Ion:106 Resp: 14240
Ion Ratio Lower Upper
106 100
91 231.9 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

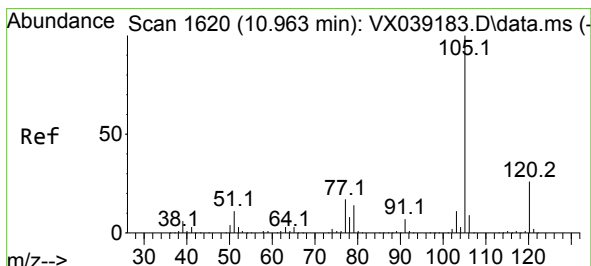
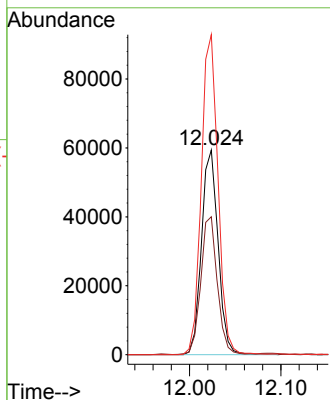
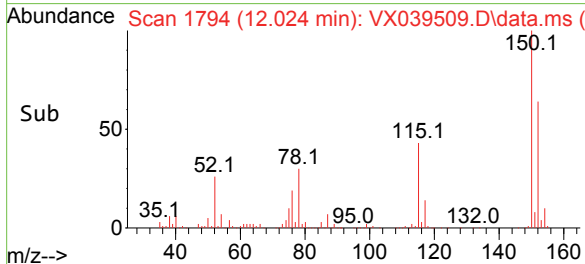
Instrument :
MSVOA_X
ClientSampleId :
1222



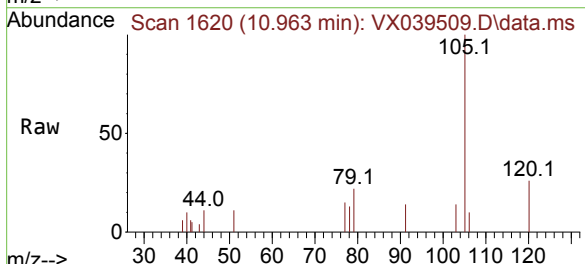
Tgt Ion:152 Resp: 74754
Ion Ratio Lower Upper
152 100
115 66.8 43.3 129.9
150 157.1 0.0 345.0

Manual Integrations
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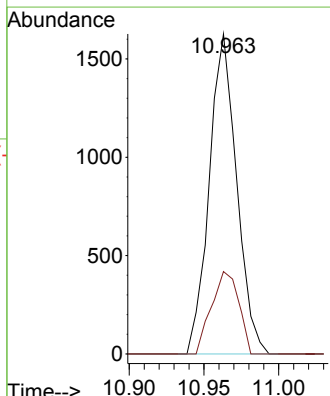
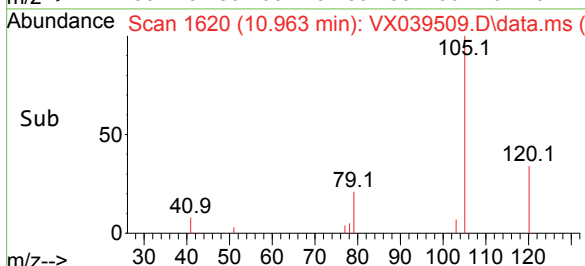
Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

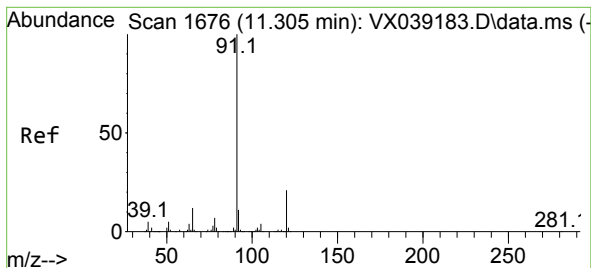


#73
Isopropylbenzene
Concen: 0.359 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29



Tgt Ion:105 Resp: 2071
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6





#78

n-propylbenzene

Concen: 0.690 ug/l

RT: 11.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039509.D

Acq: 28 Dec 2023 12:29

Instrument :

MSVOA_X

ClientSampleId :

1222

Tgt Ion: 91 Resp: 490

Ion Ratio Lower Upper

91 100

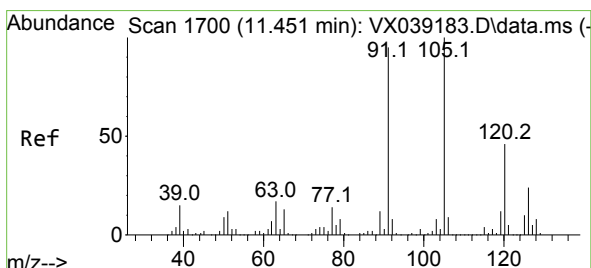
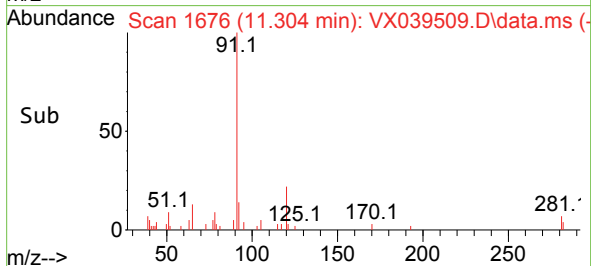
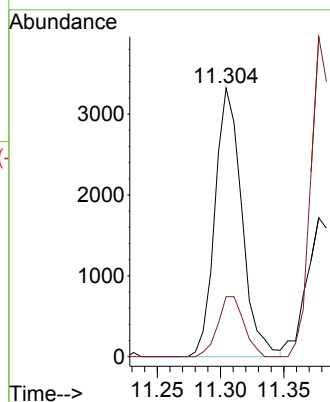
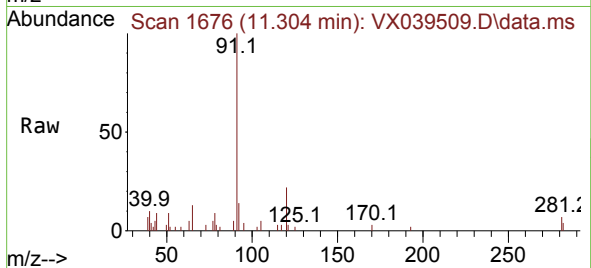
120 21.8 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 1.600 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039509.D

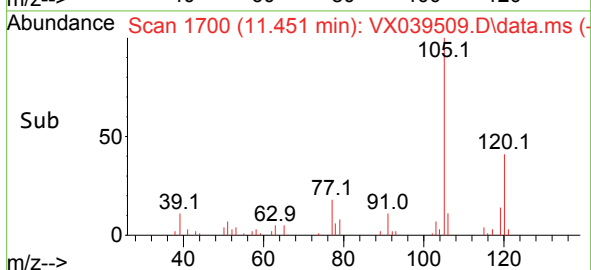
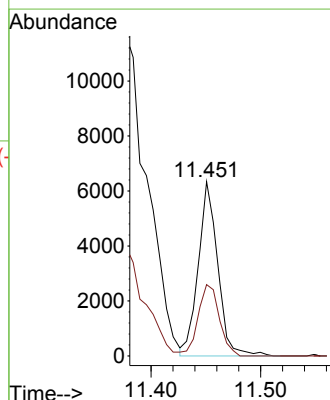
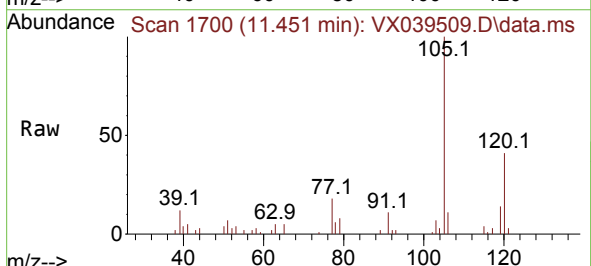
Acq: 28 Dec 2023 12:29

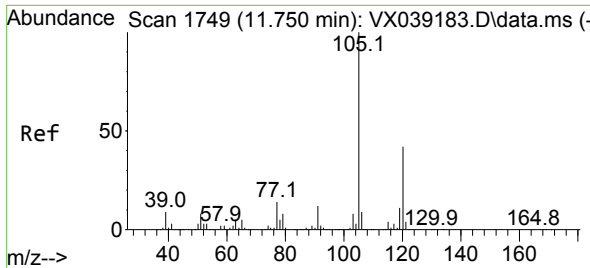
Tgt Ion:105 Resp: 7861

Ion Ratio Lower Upper

105 100

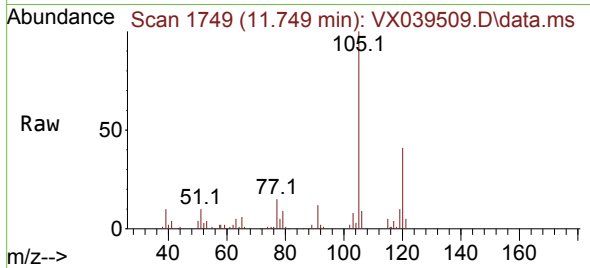
120 44.3 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 4.303 ug/l
RT: 11.749 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29

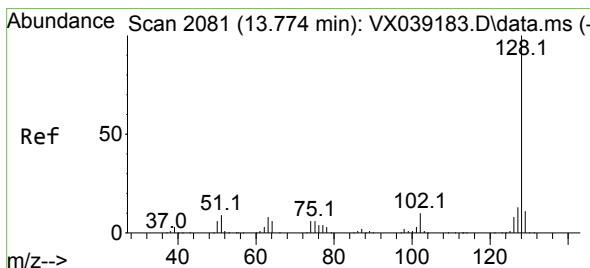
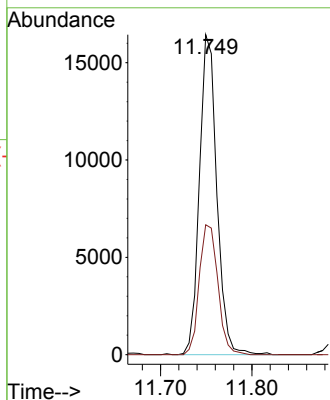
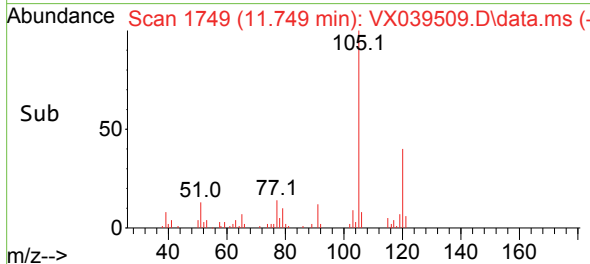
Instrument :
MSVOA_X
ClientSampleId :
1222



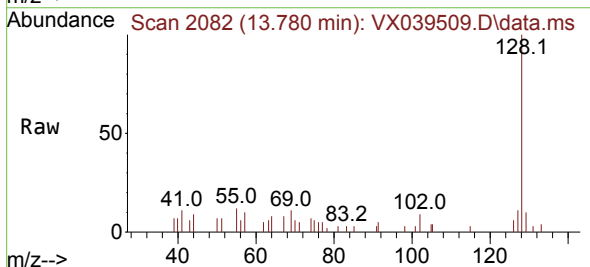
Tgt Ion:105 Resp: 2168
Ion Ratio Lower Upper
105 100
120 43.4 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#95
Naphthalene
Concen: 0.628 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039509.D
Acq: 28 Dec 2023 12:29



Tgt Ion:128 Resp: 3433
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 16.0 8.8 13.2#

