

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043589.D
 Acq On : 29 Oct 2024 12:10
 Operator : JC/MD
 Sample : P4596-07 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-WATER-COMP

Quant Time: Oct 30 01:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	156223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	287122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108083	43.389	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.780%		
35) Dibromofluoromethane	5.379	113	90176	46.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	8.647	98	341763	50.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.420%		
62) 4-Bromofluorobenzene	11.079	95	125609	50.296	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.600%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	21152	21.383	ug/l	96
17) Carbon Disulfide	2.502	76	975	0.279	ug/l	96
25) 2-Butanone	4.599	43	3795m	2.630	ug/l	
40) Benzene	6.044	78	3548	0.461	ug/l	91
52) Toluene	8.720	92	14381	3.079	ug/l	99
67) Ethyl Benzene	10.195	91	19304	2.115	ug/l	99
68) m/p-Xylenes	10.299	106	28436	8.148	ug/l	97
69) o-Xylene	10.640	106	22706	6.475	ug/l	98
73) Isopropylbenzene	10.964	105	6664	0.782	ug/l	97
78) n-propylbenzene	11.305	91	13813	1.486	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	24578	3.459	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	107004	14.775	ug/l	98
85) sec-Butylbenzene	11.890	105	6514	0.769	ug/l	95
86) p-Isopropyltoluene	12.006	119	4724	0.656	ug/l	94
95) Naphthalene	13.774	128	46188	4.930	ug/l	99

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

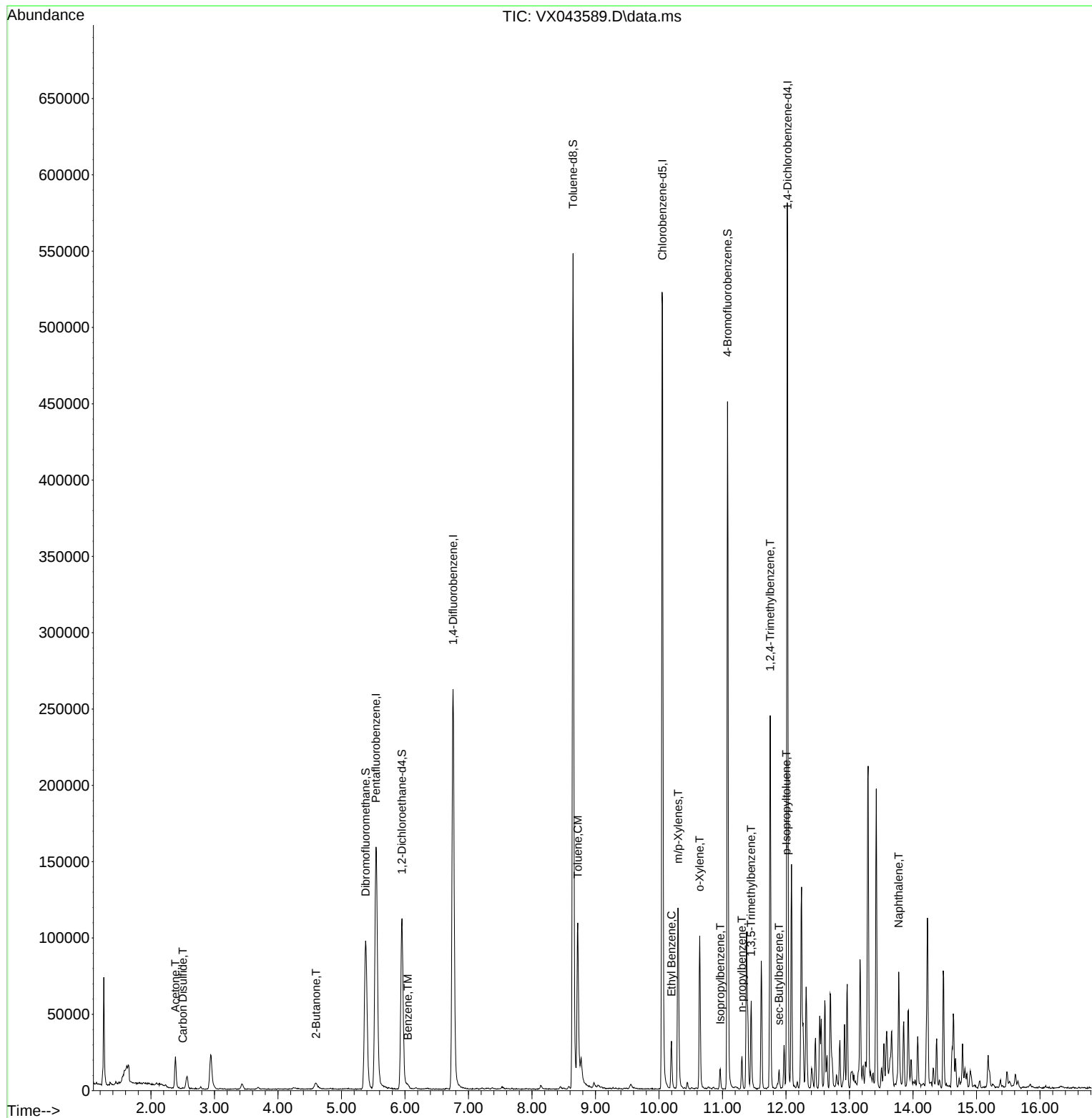
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Data File : VX043589.D
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Quant Title : SW846 8260
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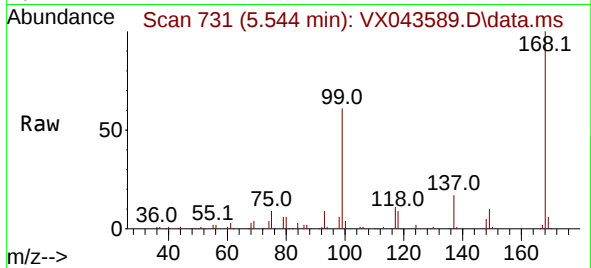
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

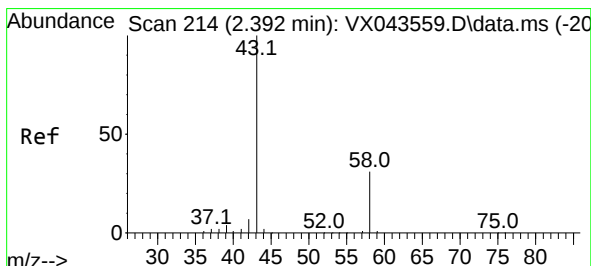
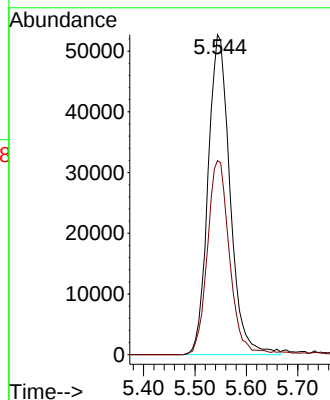
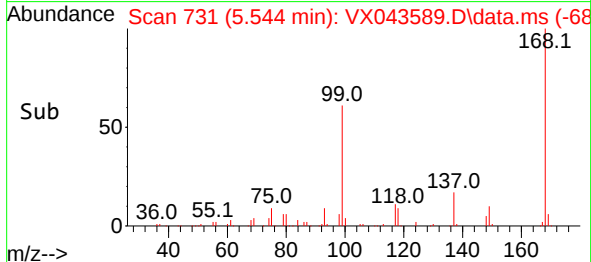
Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion:168 Resp: 15622
Ion Ratio Lower Upper
168 100
99 60.6 52.6 78.8

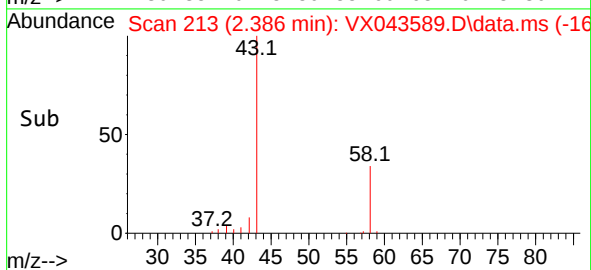
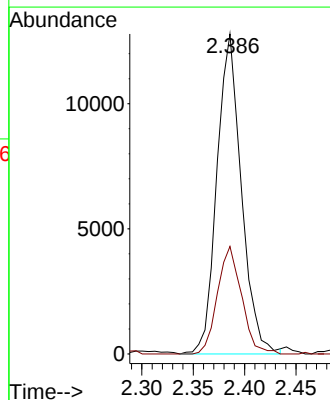
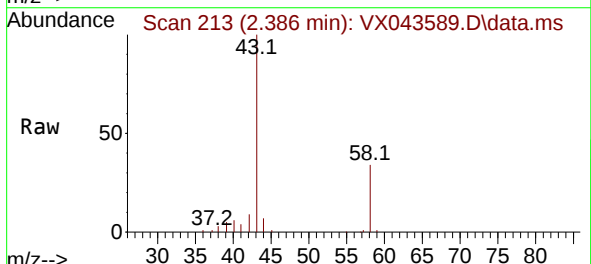
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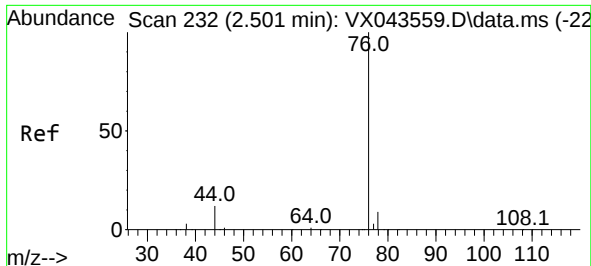
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#16
Acetone
Concen: 21.383 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Tgt Ion: 43 Resp: 21152
Ion Ratio Lower Upper
43 100
58 33.6 25.1 37.7





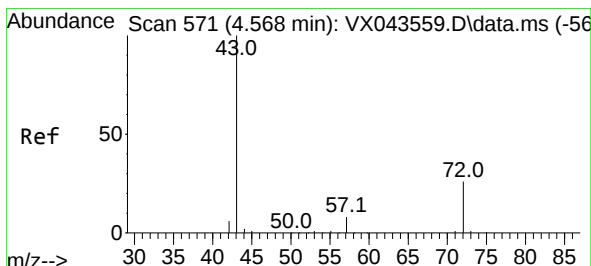
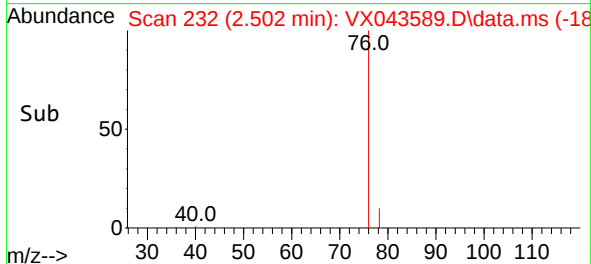
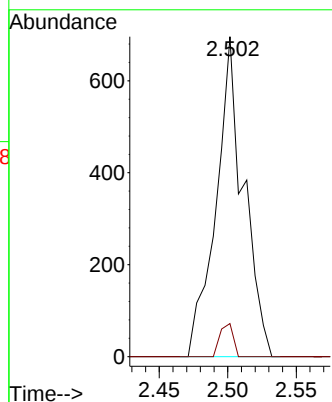
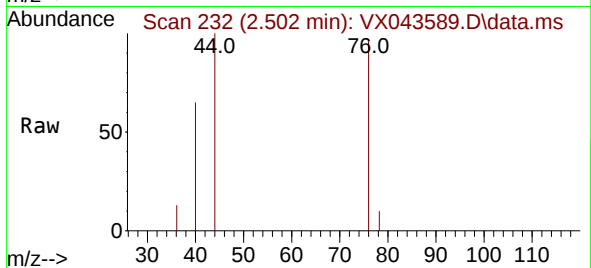
#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP

Tgt Ion: 76 Resp: 97
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

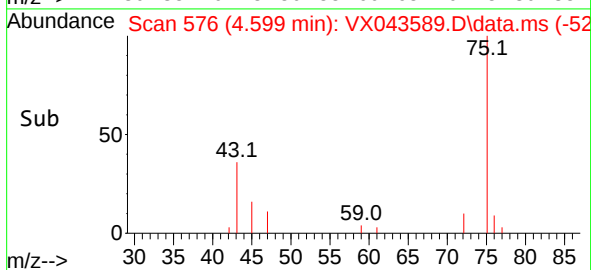
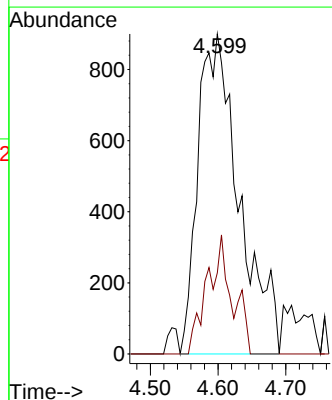
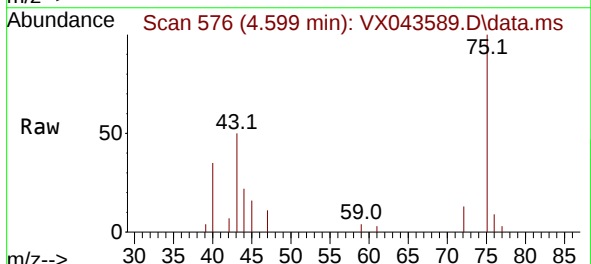
Manual Integrations
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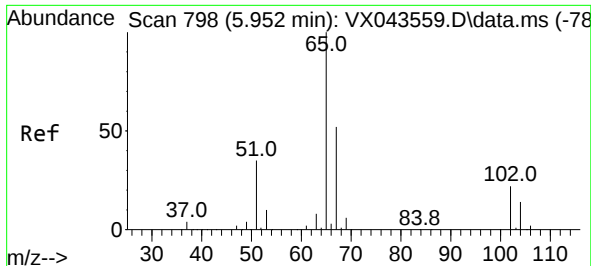
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#25
2-Butanone
Concen: 2.630 ug/l m
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

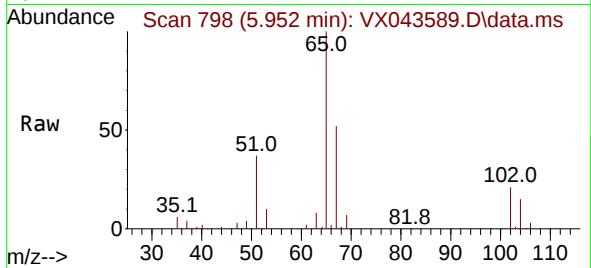
Tgt Ion: 43 Resp: 3795
Ion Ratio Lower Upper
43 100
72 25.3 21.1 31.7





#33
1,2-Dichloroethane-d4
Concen: 43.389 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

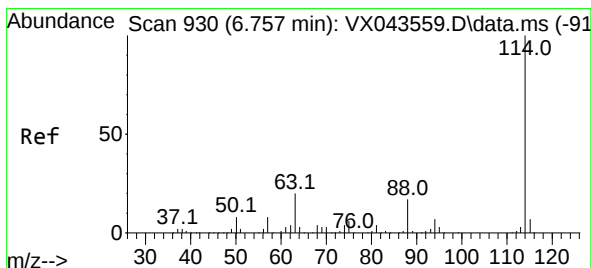
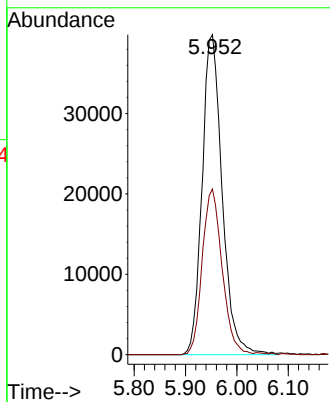
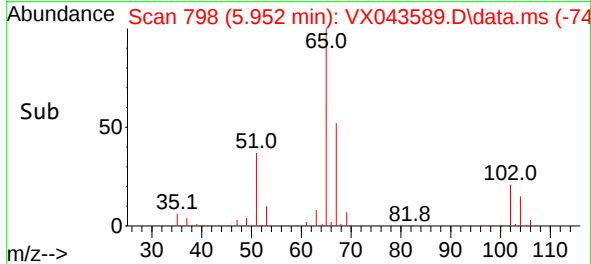
Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion: 65 Resp: 10808
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

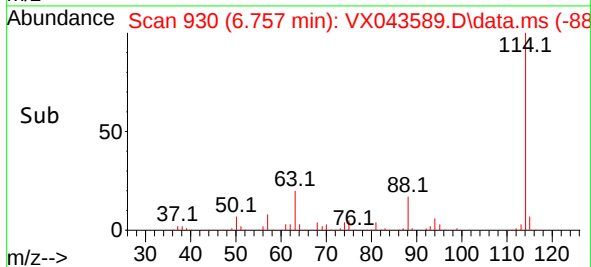
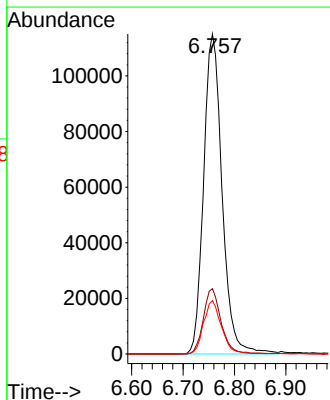
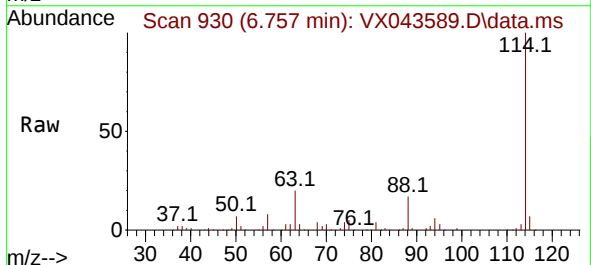
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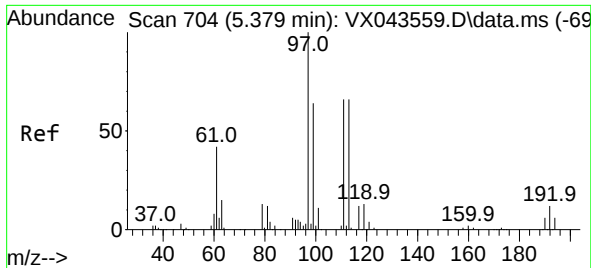
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

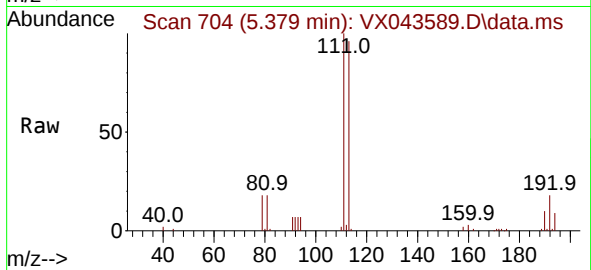
Tgt Ion:114 Resp: 287122
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.2
88 16.7 0.0 34.0





#35
Dibromofluoromethane
Concen: 46.316 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

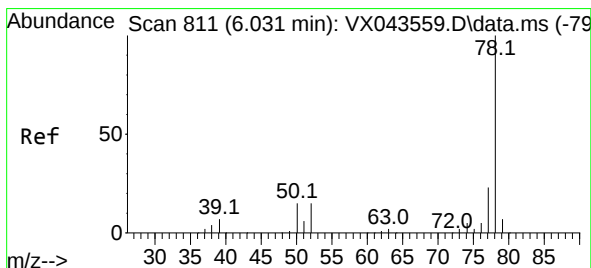
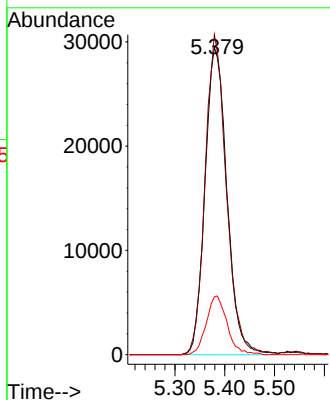
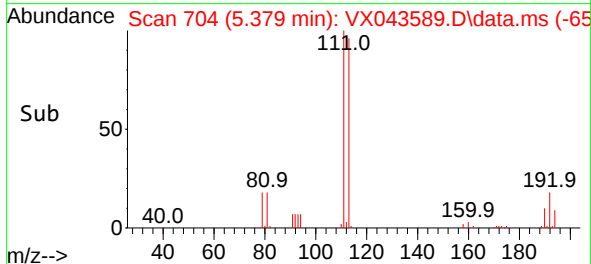
Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion:113 Resp: 90170
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.0
192 18.1 14.1 21.1

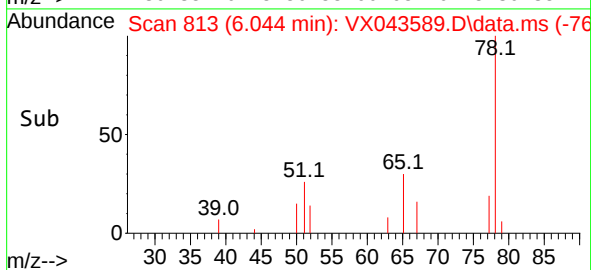
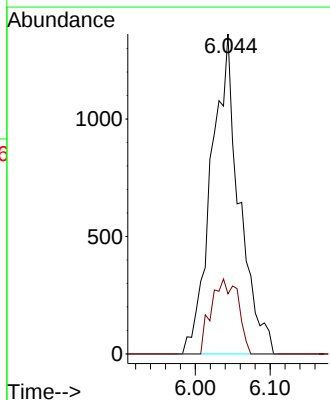
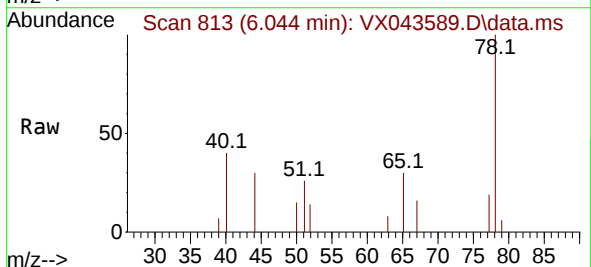
Manual Integrations
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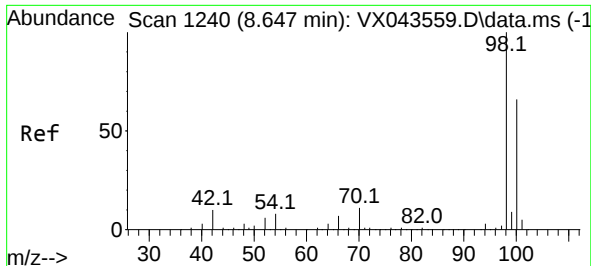
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#40
Benzene
Concen: 0.461 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

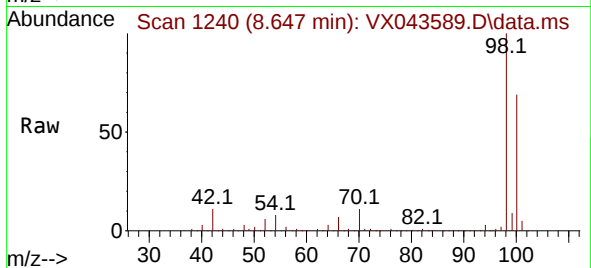
Tgt Ion: 78 Resp: 3548
Ion Ratio Lower Upper
78 100
77 18.8 18.4 27.6





#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

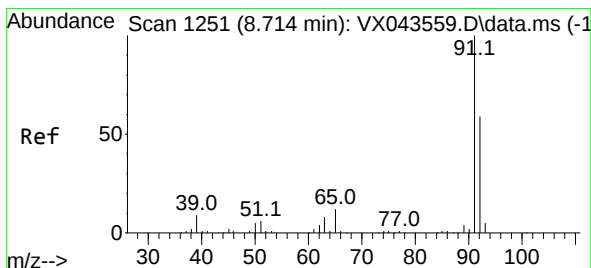
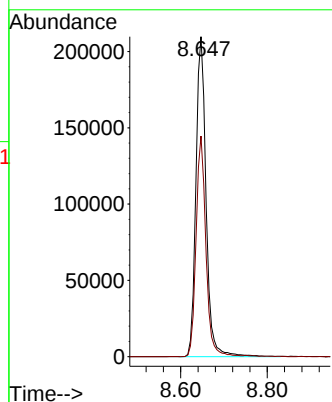
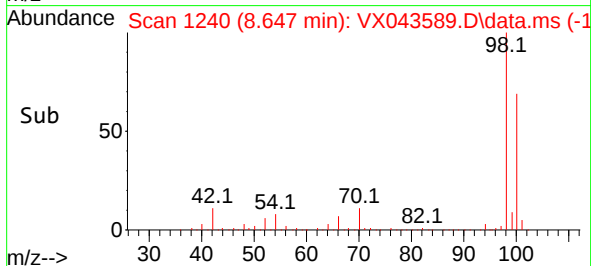
Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion: 98 Resp: 34176
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.2

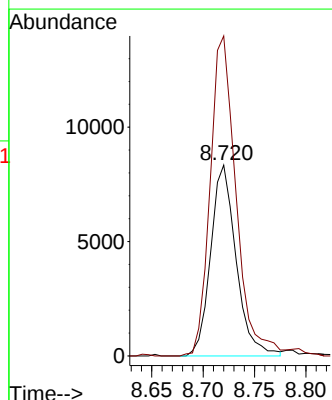
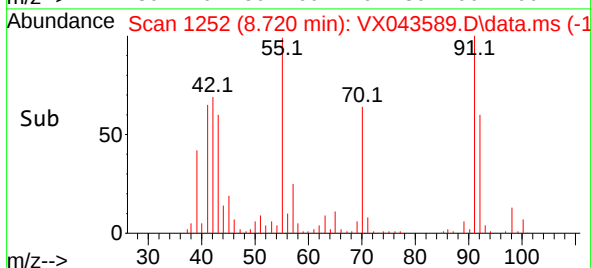
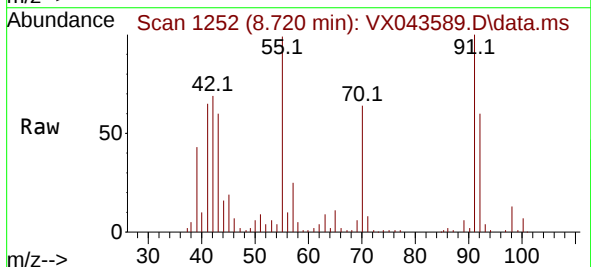
Manual Integrations
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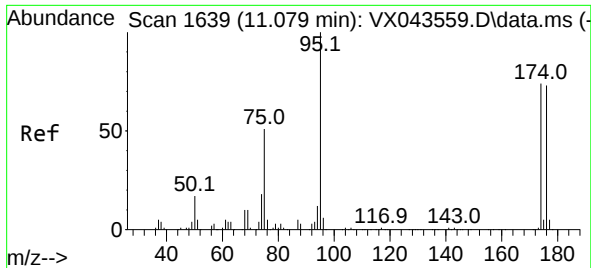
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#52
Toluene
Concen: 3.079 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

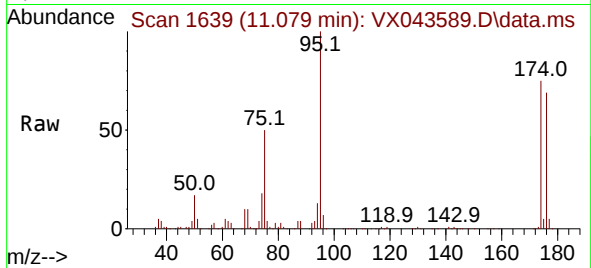
Tgt Ion: 92 Resp: 14381
Ion Ratio Lower Upper
92 100
91 170.4 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

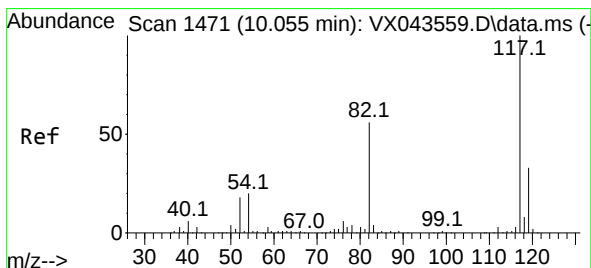
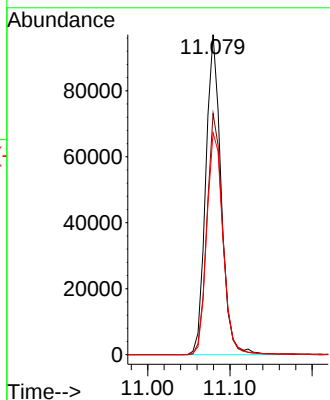
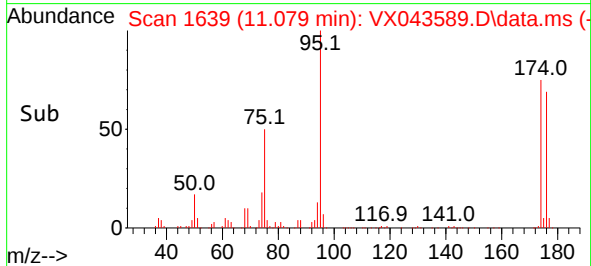
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TOTE-WATER-COMP



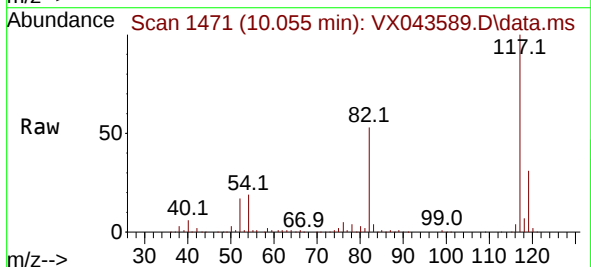
Tgt Ion: 95 Resp: 125609
Ion Ratio Lower Upper
95 100
174 77.6 0.0 146.6
176 73.5 0.0 139.6

Manual Integrations
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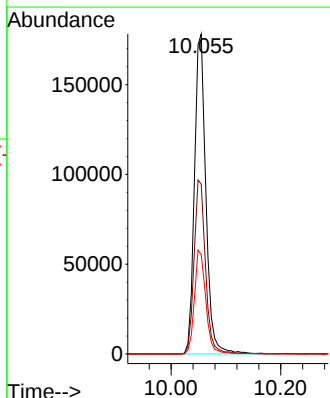
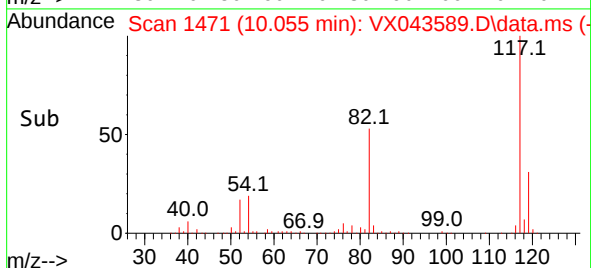
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

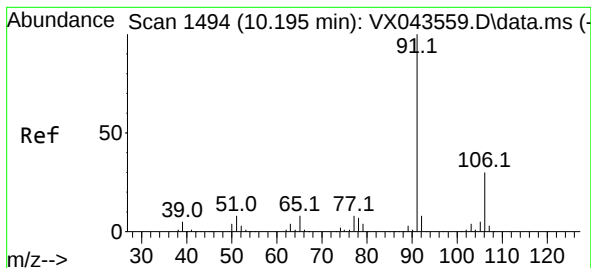


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10



Tgt Ion:117 Resp: 260137
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 31.0 25.4 38.2





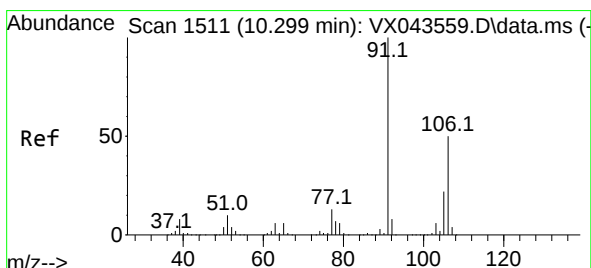
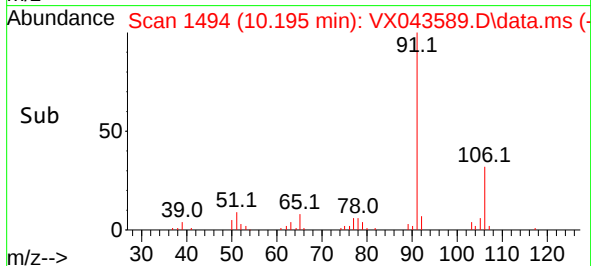
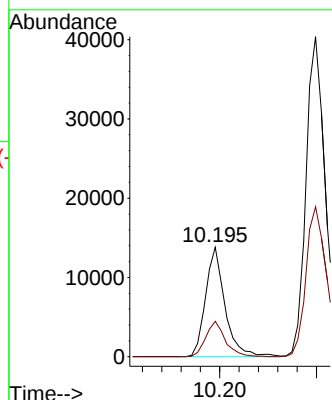
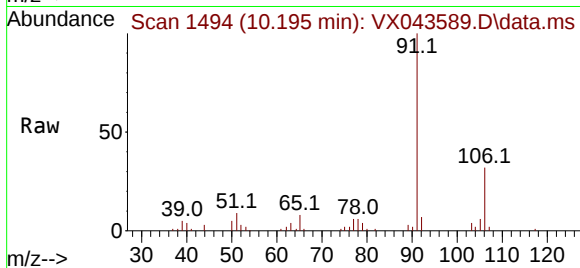
#67
Ethyl Benzene
Concen: 2.115 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP

Tgt Ion: 91 Resp: 19304
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

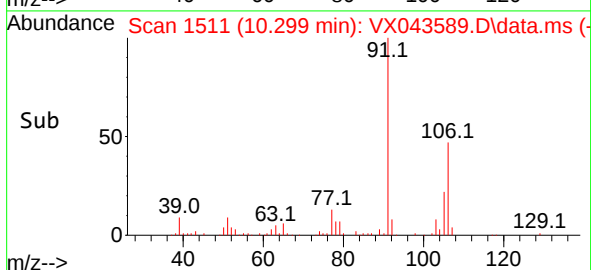
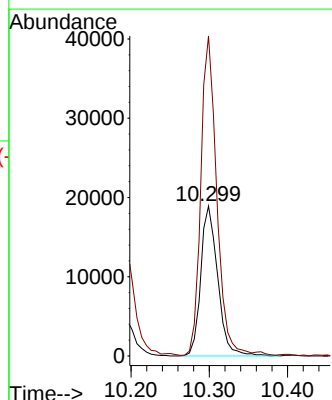
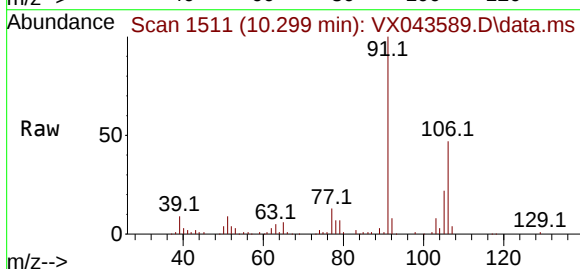
Manual Integrations
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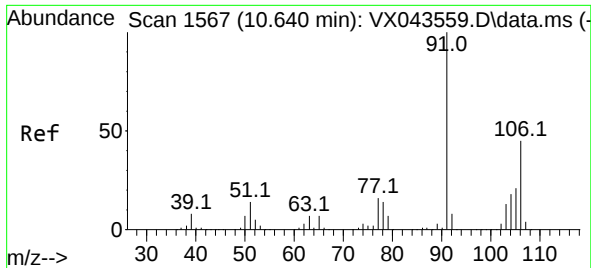
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#68
m/p-Xylenes
Concen: 8.148 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Tgt Ion:106 Resp: 28436
Ion Ratio Lower Upper
106 100
91 200.8 164.7 247.1





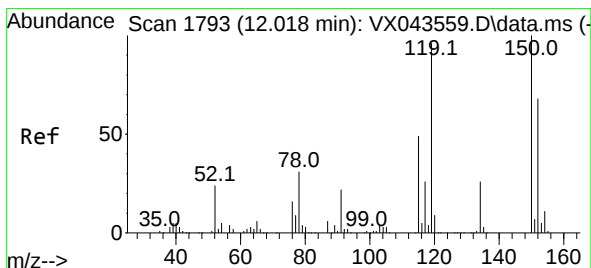
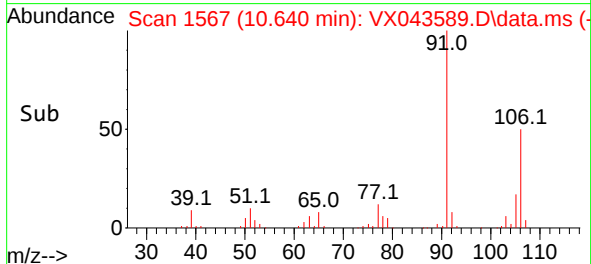
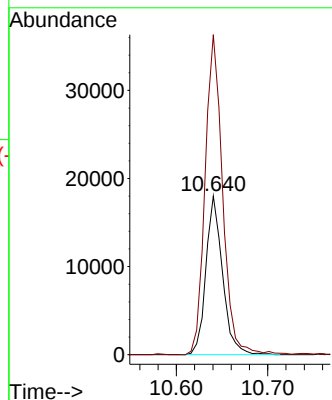
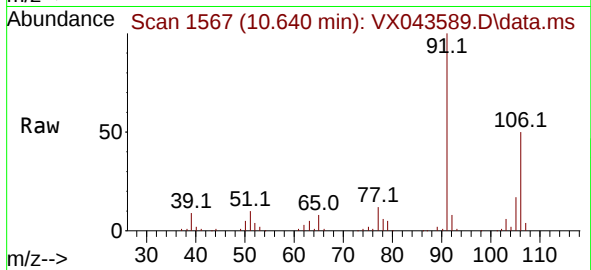
#69
o-Xylene
Concen: 6.475 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP

Tgt Ion:106 Resp: 22700
Ion Ratio Lower Upper
106 100
91 213.0 107.9 323.7

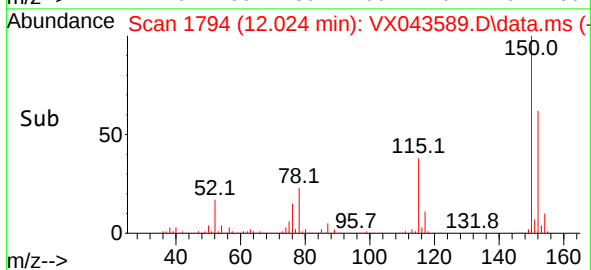
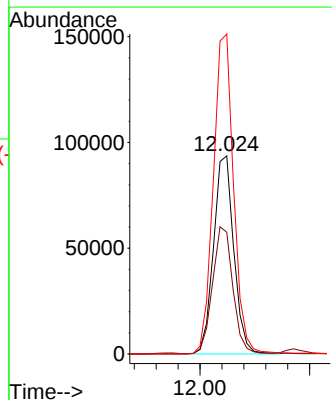
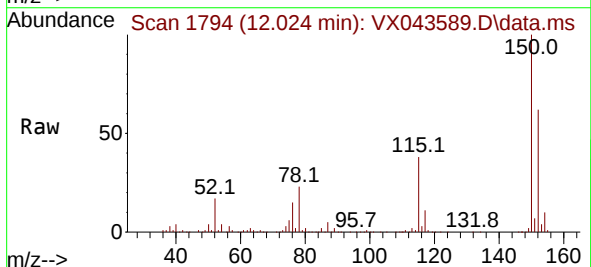
Manual Integrations
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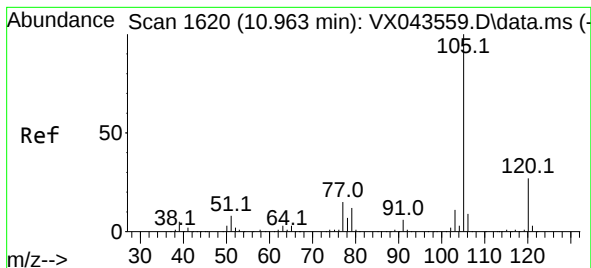
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Tgt Ion:152 Resp: 120317
Ion Ratio Lower Upper
152 100
115 64.1 42.9 128.7
150 162.5 0.0 343.6





#73

Isopropylbenzene

Concen: 0.782 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX043589.D

Acq: 29 Oct 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

TOTE-WATER-COMP

Tgt Ion:105 Resp: 666

Ion Ratio Lower Upper

105 100

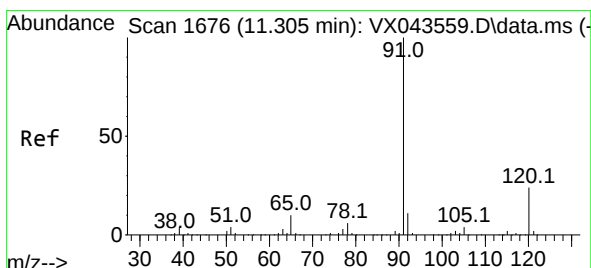
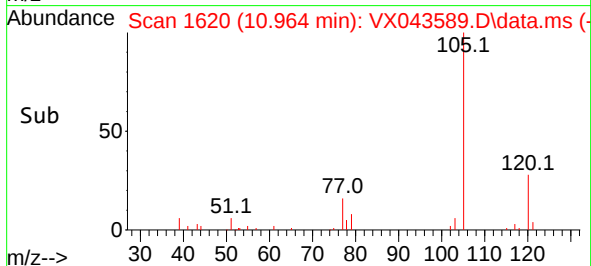
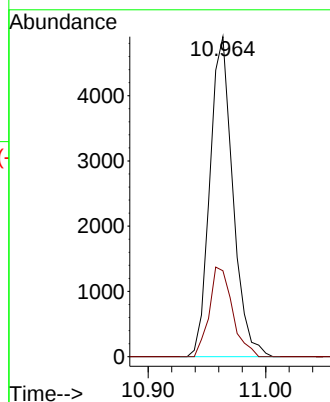
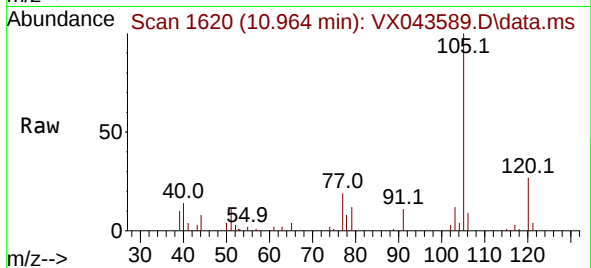
120 28.2 13.2 39.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/30/2024

Supervised By :Mahesh Dadoda 10/30/2024



#78

n-propylbenzene

Concen: 1.486 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX043589.D

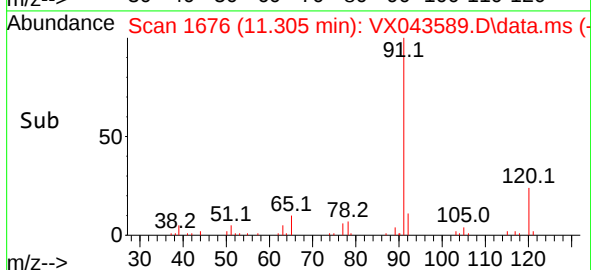
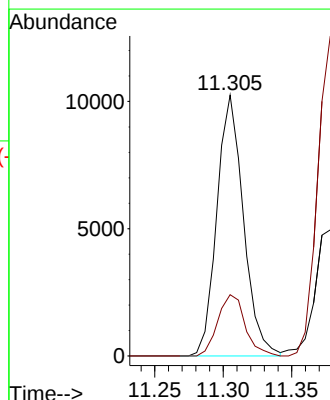
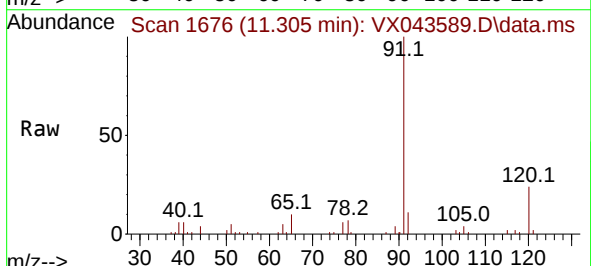
Acq: 29 Oct 2024 12:10

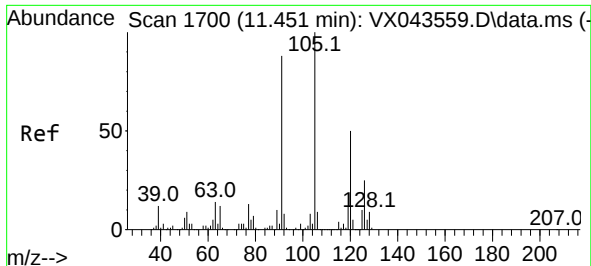
Tgt Ion: 91 Resp: 13813

Ion Ratio Lower Upper

91 100

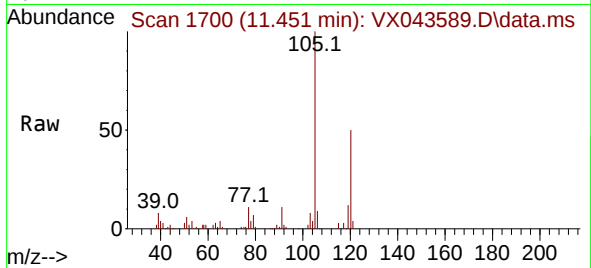
120 24.2 11.6 34.7





#80
1,3,5-Trimethylbenzene
Concen: 3.459 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

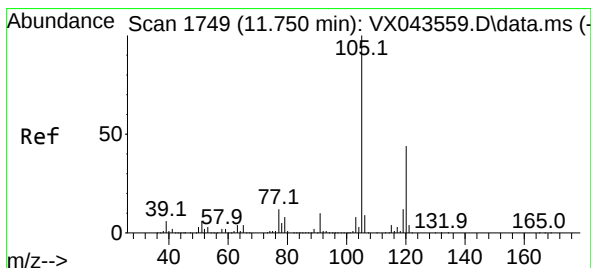
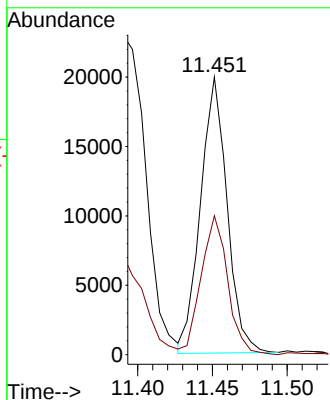
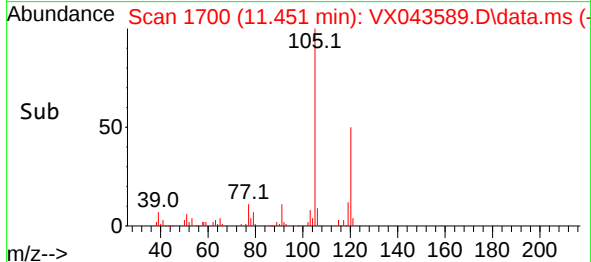
Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion:105 Resp: 24578
Ion Ratio Lower Upper
105 100
120 50.5 23.8 71.5

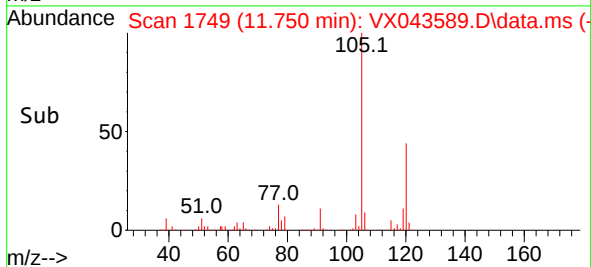
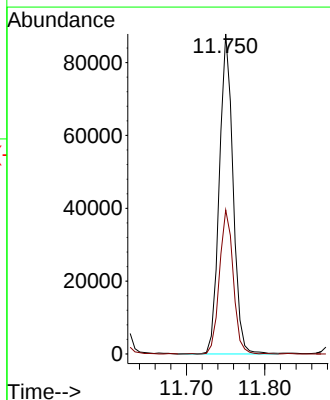
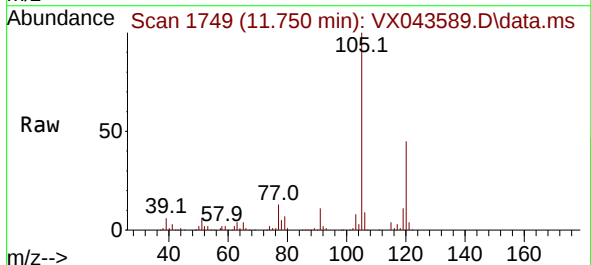
Manual Integrations
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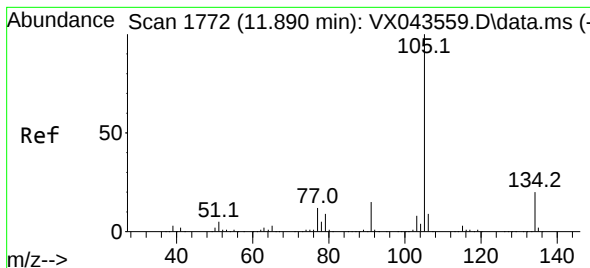
Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 14.775 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Tgt Ion:105 Resp: 107004
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 0.769 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX043589.D

Acq: 29 Oct 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

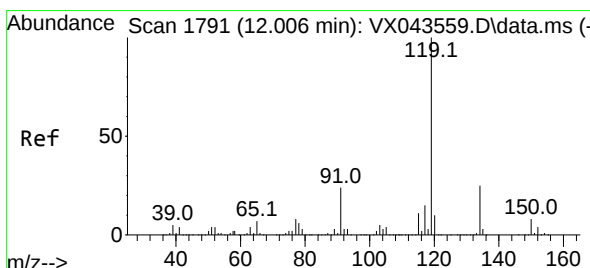
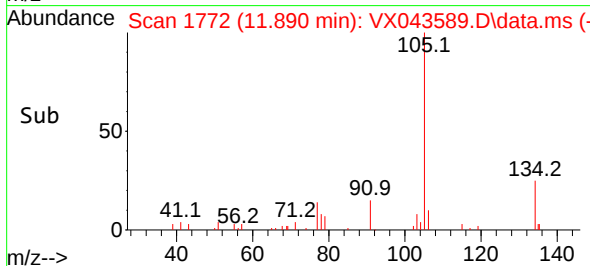
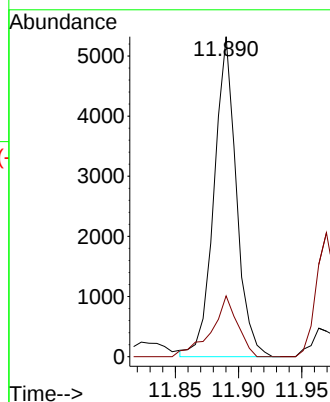
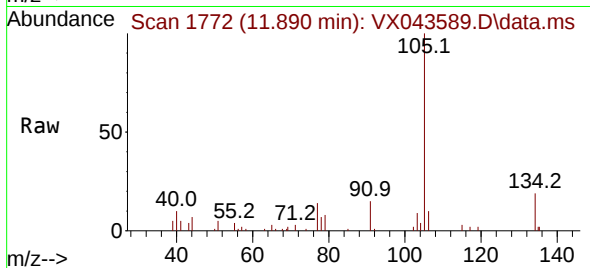
TOTE-WATER-COMP

Tgt Ion:105 Resp: 6514
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.8 29.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024



#86

p-Isopropyltoluene

Concen: 0.656 ug/l

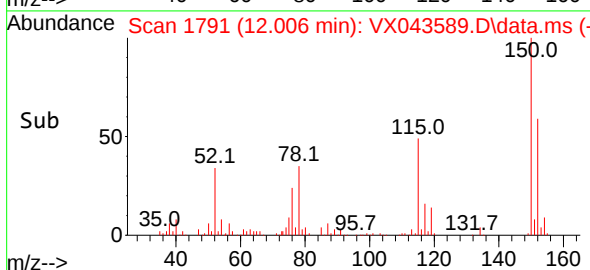
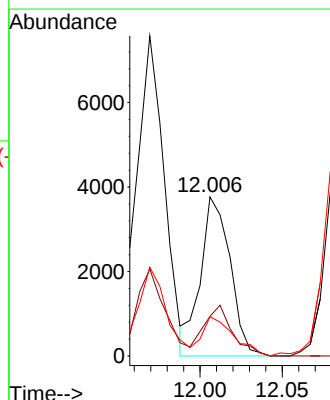
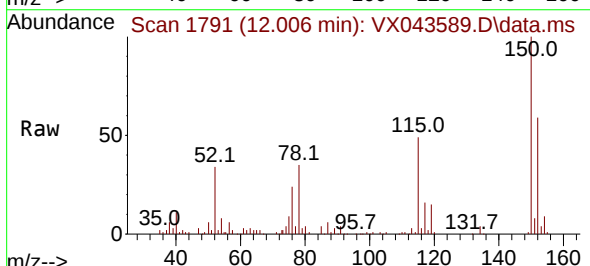
RT: 12.006 min Scan# 1791

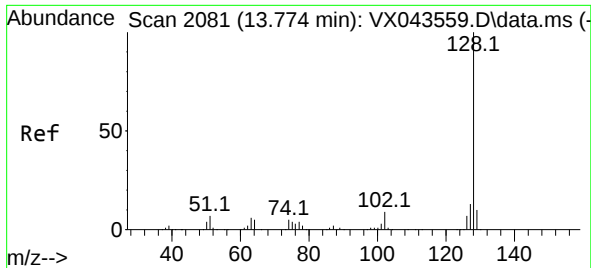
Delta R.T. 0.000 min

Lab File: VX043589.D

Acq: 29 Oct 2024 12:10

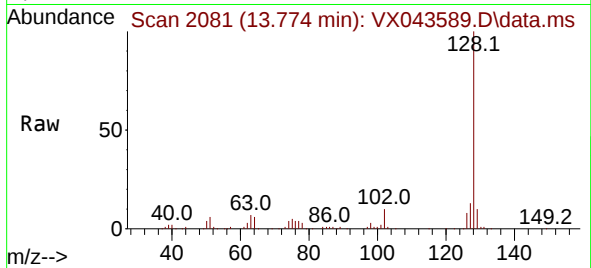
Tgt Ion:119 Resp: 4724
 Ion Ratio Lower Upper
 119 100
 134 30.5 13.1 39.1
 91 26.0 12.4 37.0





#95
Naphthalene
Concen: 4.930 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043589.D
Acq: 29 Oct 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
TOTE-WATER-COMP



Tgt Ion:128 Resp: 46188
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
Supervised By :Mahesh Dadoda 10/30/2024

