

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037633.D
 Acq On : 09 Sep 2023 17:26
 Operator : JC/MD
 Sample : 04297-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 713-G-DIP

Quant Time: Sep 11 01:25:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	148909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81769	40.679	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.360%		
35) Dibromofluoromethane	5.385	113	73069	42.934	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.860%		
50) Toluene-d8	8.647	98	284549	45.586	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.180%#		
62) 4-Bromofluorobenzene	11.079	95	104768	44.534	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.060%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	6124	13.615	ug/l #	95
16) Acetone	2.380	43	60074	72.675	ug/l #	82
18) Methyl Acetate	2.703	43	3722	1.110	ug/l	95
25) 2-Butanone	4.556	43	472859	377.183	ug/l #	83
51) 4-Methyl-2-Pentanone	8.580	43	1663	0.757	ug/l	95
52) Toluene	8.720	92	1402	0.312	ug/l	99
59) 2-Hexanone	9.439	43	2453	1.465	ug/l	98
67) Ethyl Benzene	10.195	91	5310	0.655	ug/l	99
68) m/p-Xylenes	10.299	106	16448	5.161	ug/l	97
69) o-Xylene	10.640	106	4843	1.528	ug/l	99
78) n-propylbenzene	11.305	91	5126	0.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	11909	1.887	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	45862	7.270	ug/l	94
95) Naphthalene	13.774	128	12936	1.754	ug/l	98

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

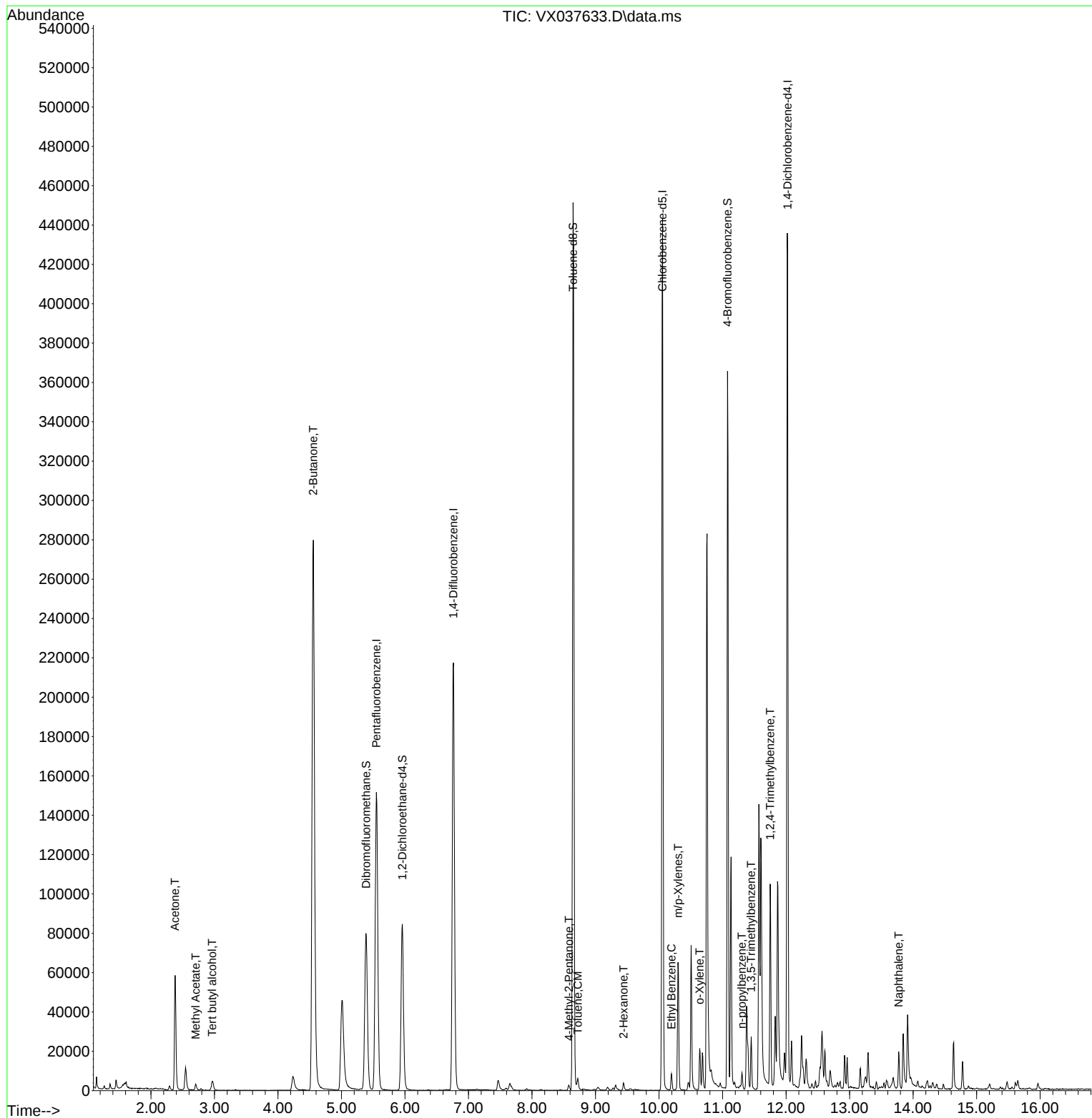
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037633.D
Acq On : 09 Sep 2023 17:26
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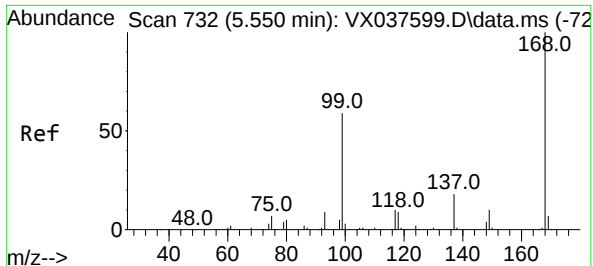
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP

Quant Time: Sep 11 01:25:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
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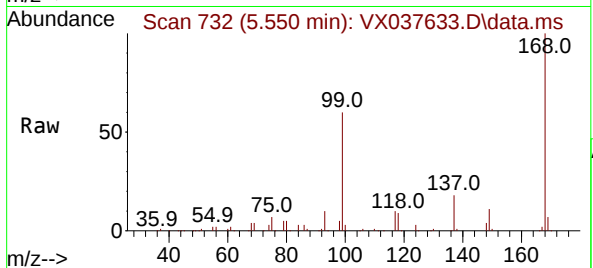
Reviewed By : John Carlone 09/11/2023
Supervised By : Mahesh Dadoda 09/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

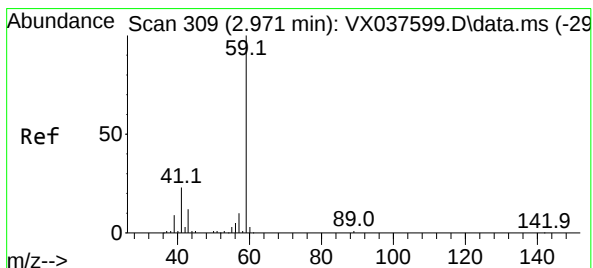
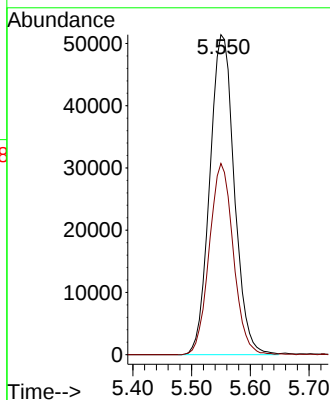
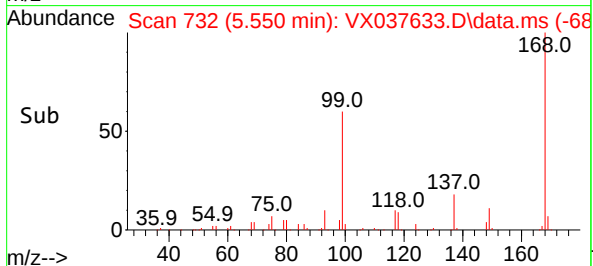
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



Tgt Ion:168 Resp: 148909
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0

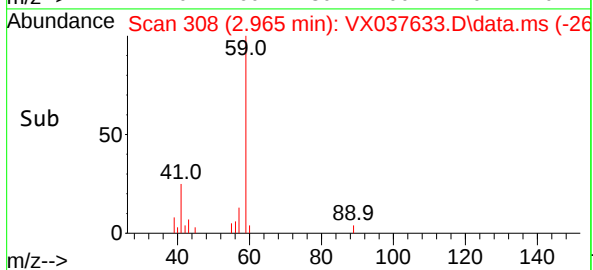
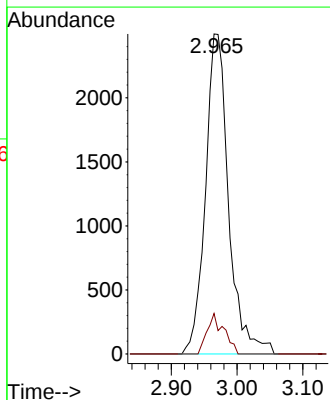
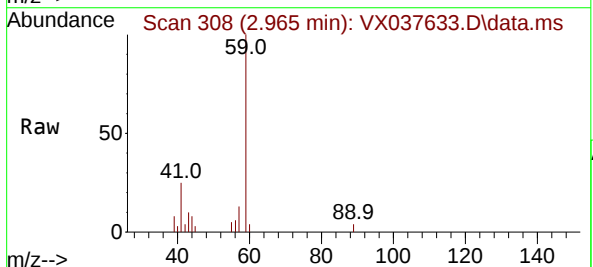
Manual Integrations
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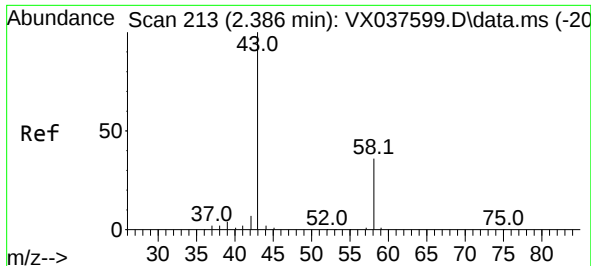
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#11
Tert butyl alcohol
Concen: 13.615 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

Tgt Ion: 59 Resp: 6124
Ion Ratio Lower Upper
59 100
57 9.2 6.0 9.0#





#16

Acetone

Concen: 72.675 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037633.D

Acq: 09 Sep 2023 17:26

Instrument :

MSVOA_X

ClientSampleId :

713-G-DIP

Tgt Ion: 43 Resp: 60074

Ion Ratio Lower Upper

43 100

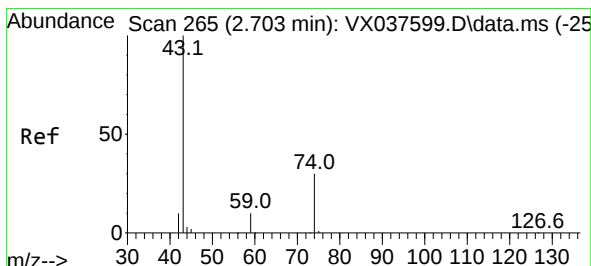
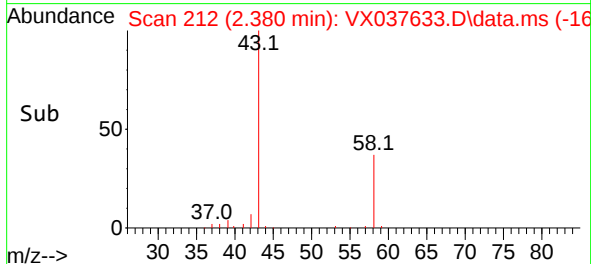
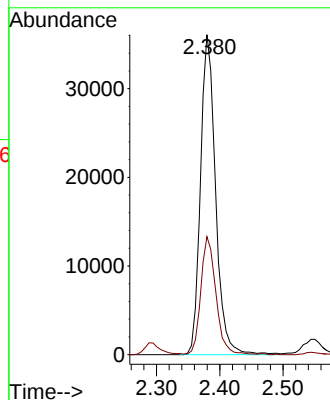
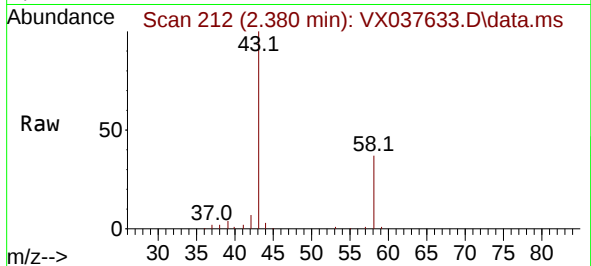
58 36.9 21.9 32.9

Manual Integrations

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#18

Methyl Acetate

Concen: 1.110 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037633.D

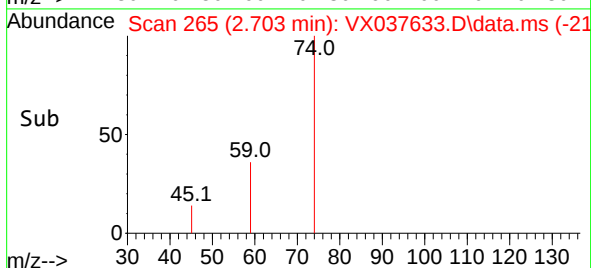
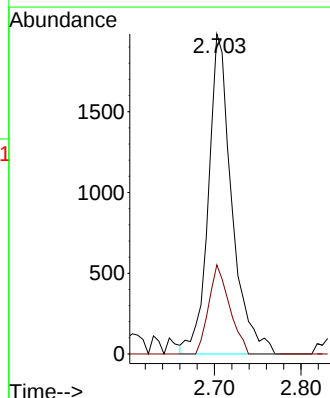
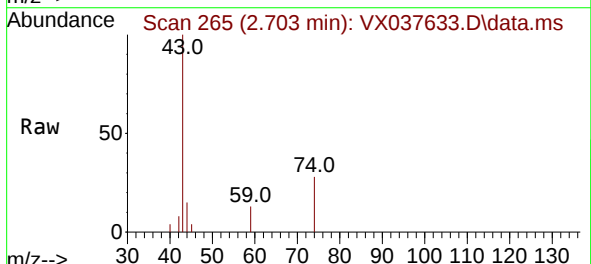
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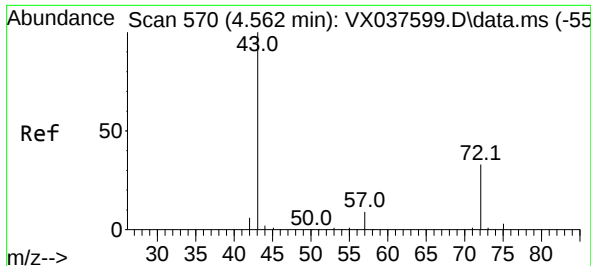
Tgt Ion: 43 Resp: 3722

Ion Ratio Lower Upper

43 100

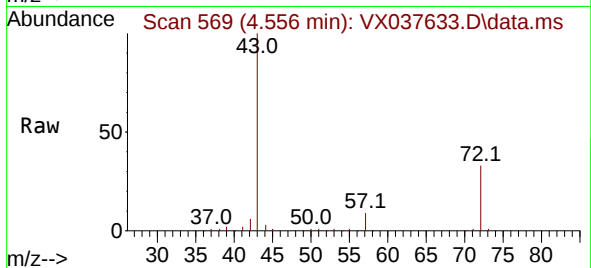
74 24.7 17.8 26.8





#25
2-Butanone
Concen: 377.183 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

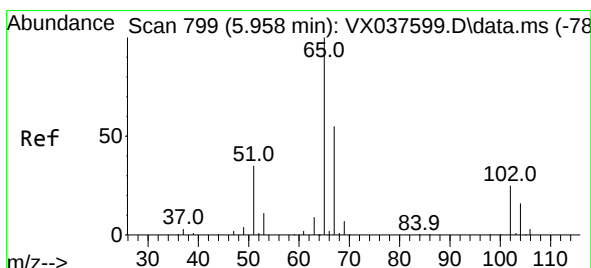
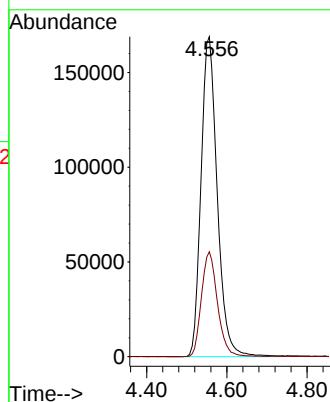
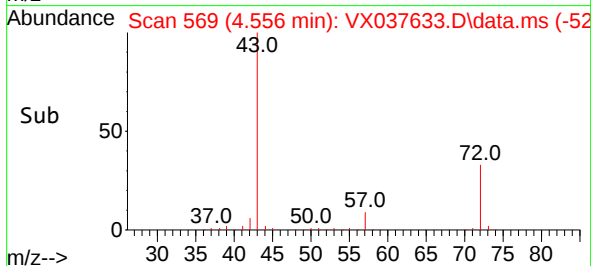
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



Tgt Ion: 43 Resp: 472859
Ion Ratio Lower Upper
43 100
72 32.8 19.4 29.2

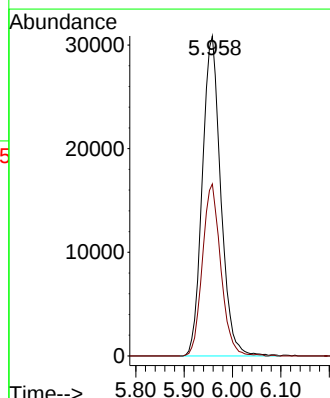
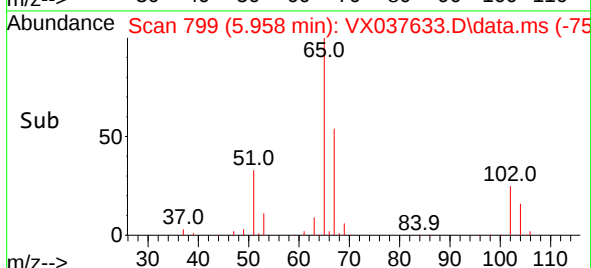
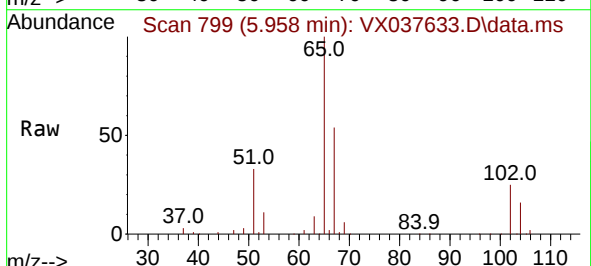
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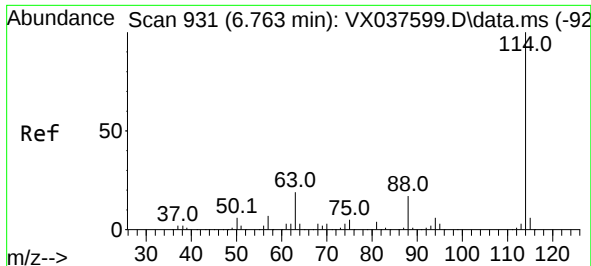
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#33
1,2-Dichloroethane-d4
Concen: 40.679 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

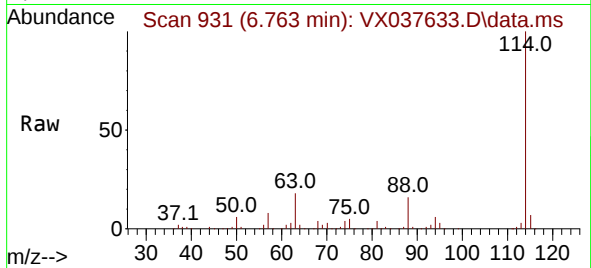
Tgt Ion: 65 Resp: 81769
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

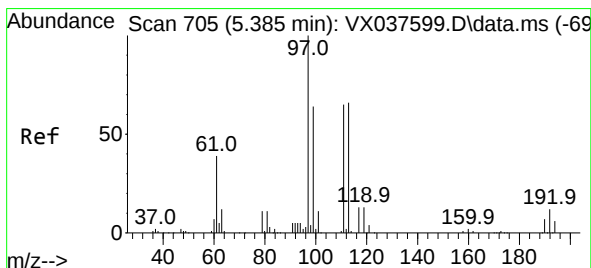
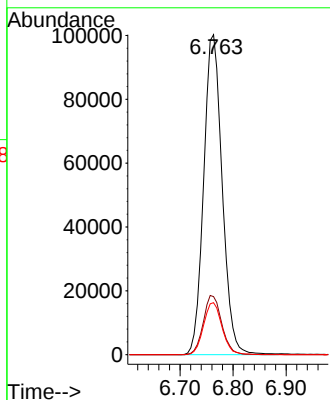
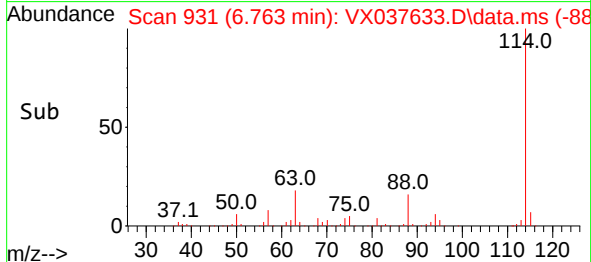
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



Tgt Ion:114 Resp: 24332
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 16.3 0.0 36.6

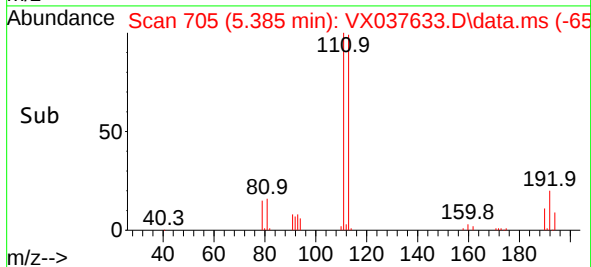
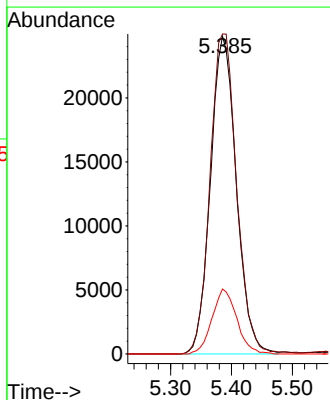
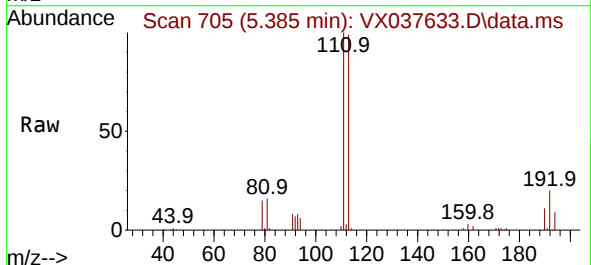
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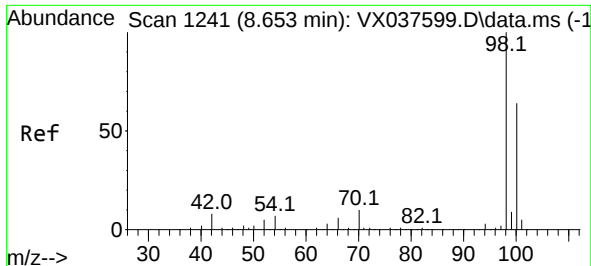
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#35
Dibromofluoromethane
Concen: 42.934 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

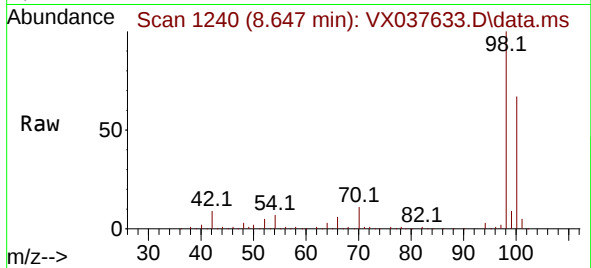
Tgt Ion:113 Resp: 73069
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 19.6 13.3 19.9





#50
Toluene-d8
Concen: 45.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

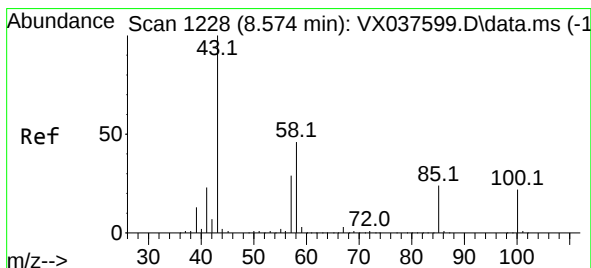
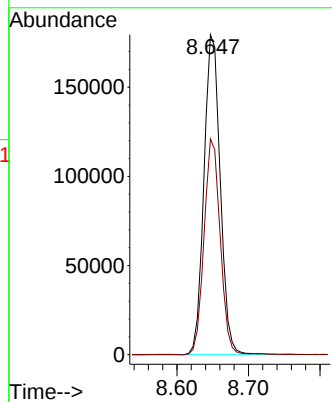
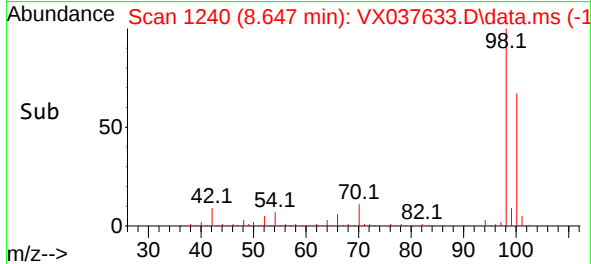
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



Tgt Ion: 98 Resp: 284549
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

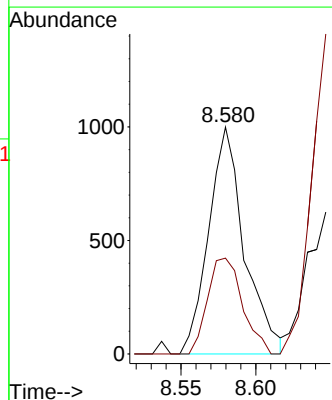
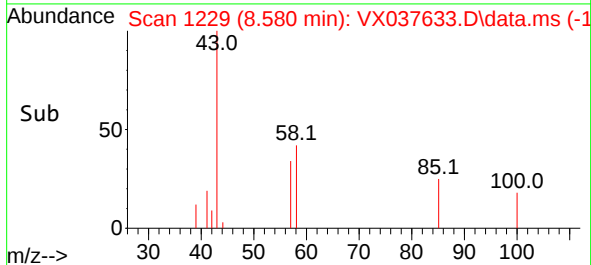
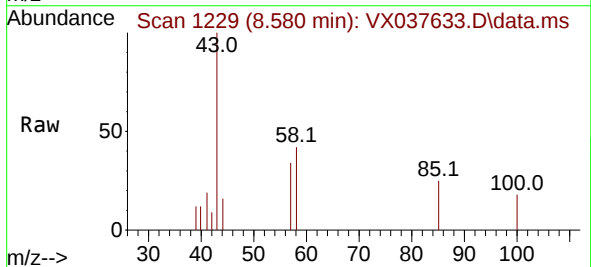
Manual Integrations
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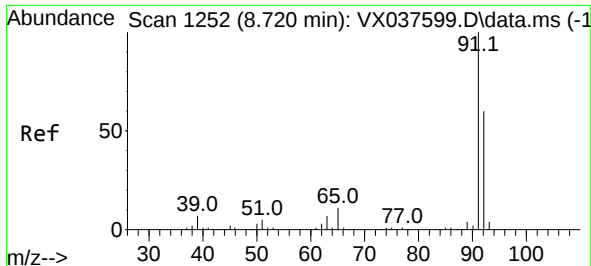
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#51
4-Methyl-2-Pentanone
Concen: 0.757 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

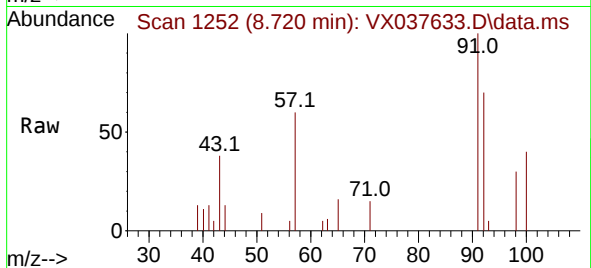
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 41.3 30.4 45.6





#52
Toluene
Concen: 0.312 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

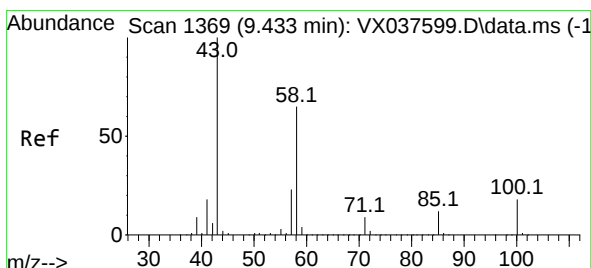
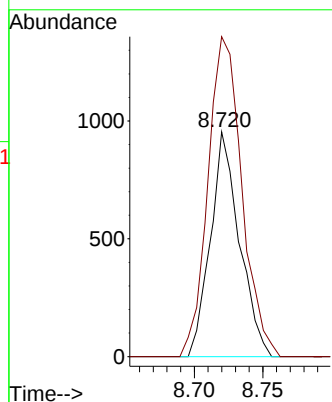
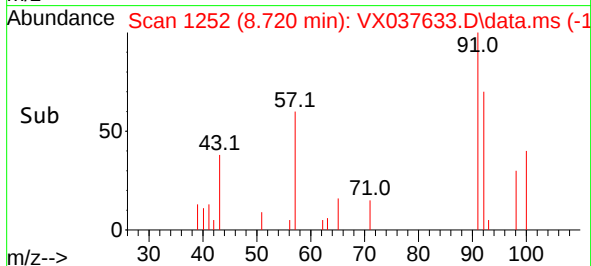
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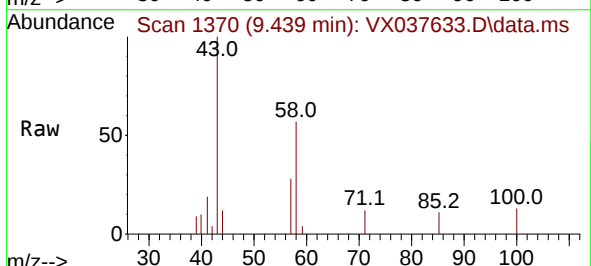
Tgt Ion: 92 Resp: 140
Ion Ratio Lower Upper
92 100
91 166.8 134.2 201.2

Manual Integrations
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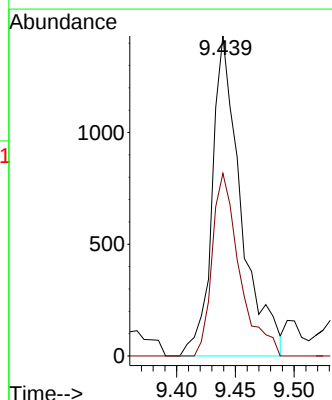
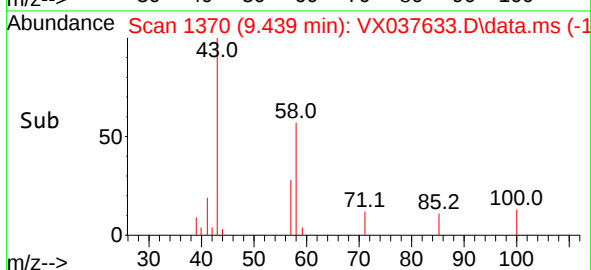
Reviewed By :John Carlone 09/11/2023
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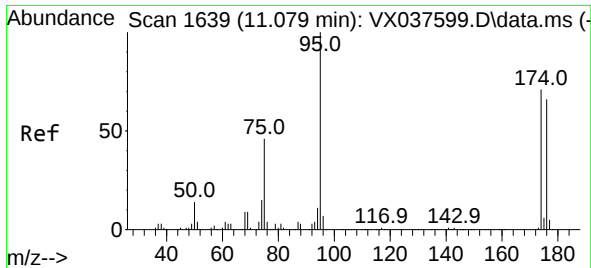


#59
2-Hexanone
Concen: 1.465 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26



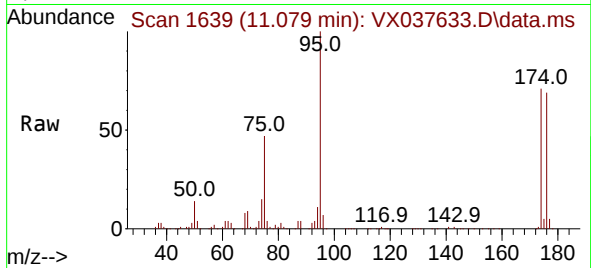
Tgt Ion: 43 Resp: 2453
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5





#62
4-Bromofluorobenzene
Concen: 44.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

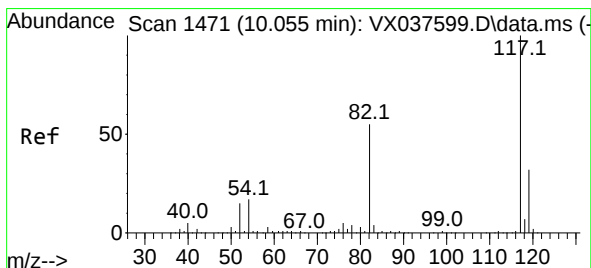
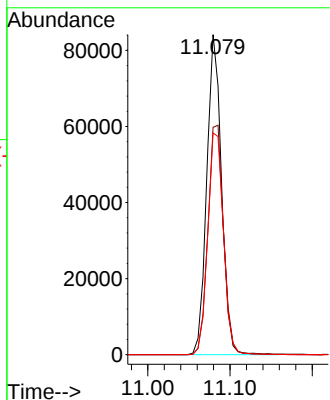
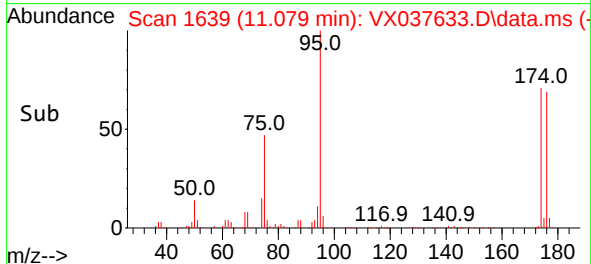
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



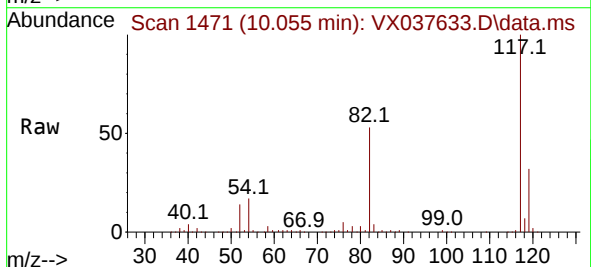
Tgt Ion: 95 Resp: 104768
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 73.6 0.0 131.0

Manual Integrations
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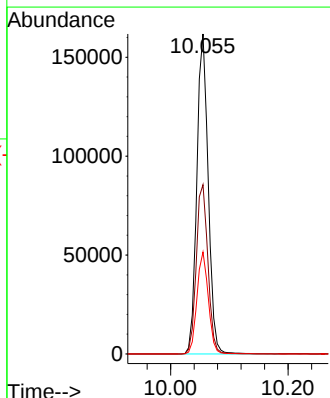
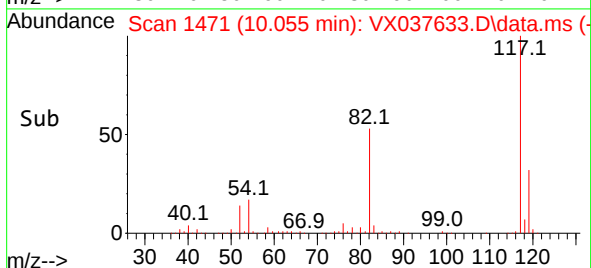
Reviewed By :John Carlone 09/11/2023
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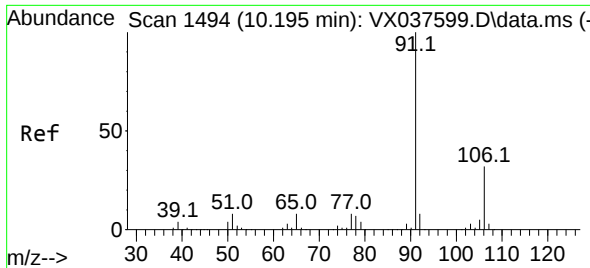


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26



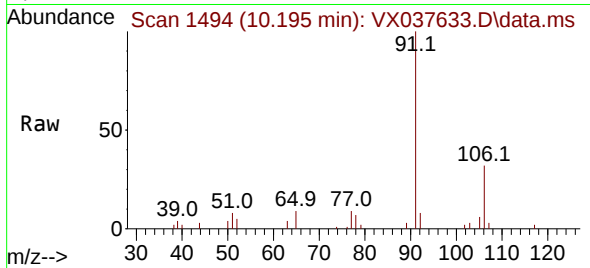
Tgt Ion:117 Resp: 216952
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 31.9 25.5 38.3





#67
Ethyl Benzene
Concen: 0.655 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

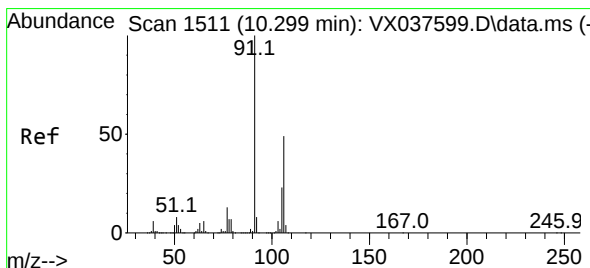
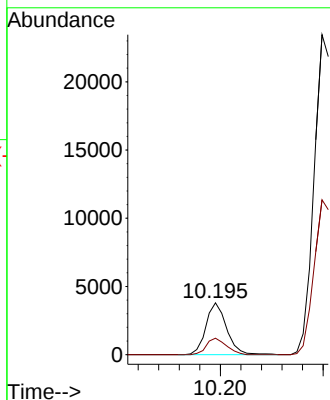
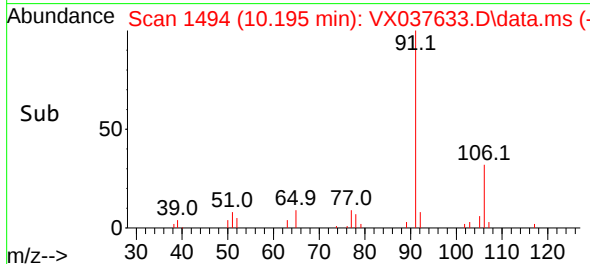
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



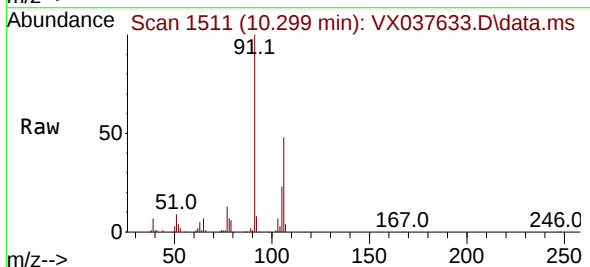
Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

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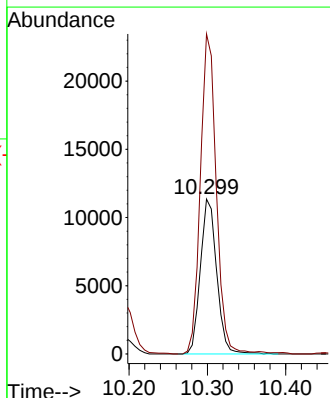
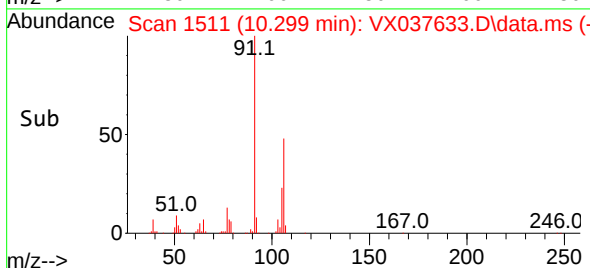
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

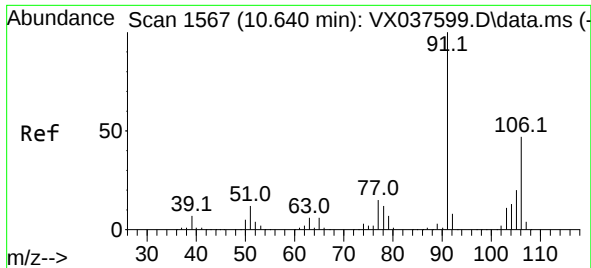


#68
m/p-Xylenes
Concen: 5.161 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26



Tgt Ion:106 Resp: 16448
Ion Ratio Lower Upper
106 100
91 202.1 165.5 248.3





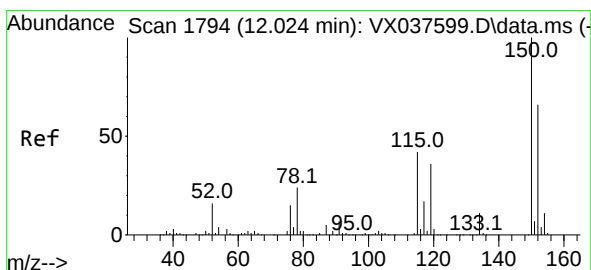
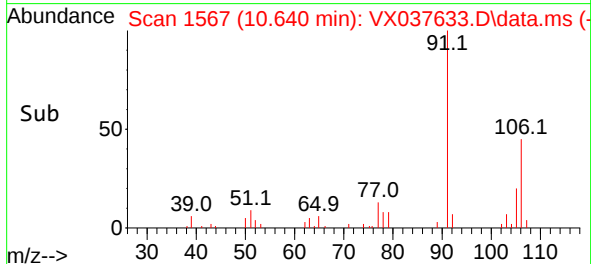
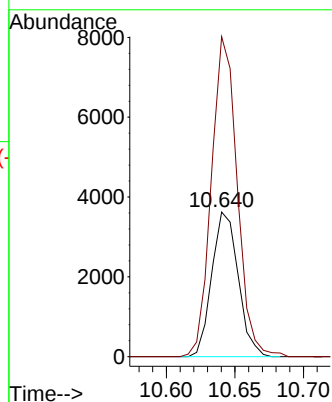
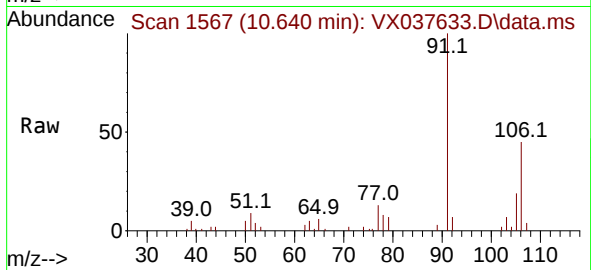
#69
o-Xylene
Concen: 1.528 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP

Tgt Ion:106 Resp: 484
Ion Ratio Lower Upper
106 100
91 216.8 108.9 326.8

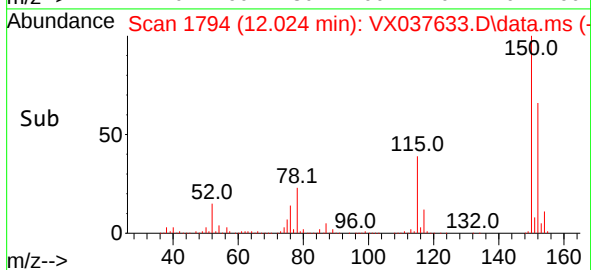
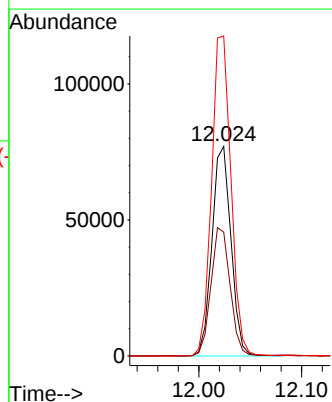
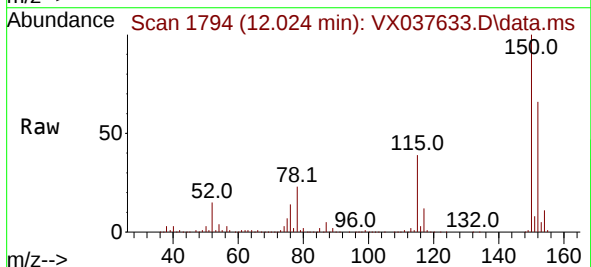
Manual Integrations
APPROVED

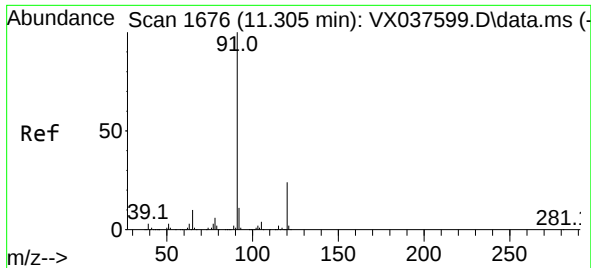
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

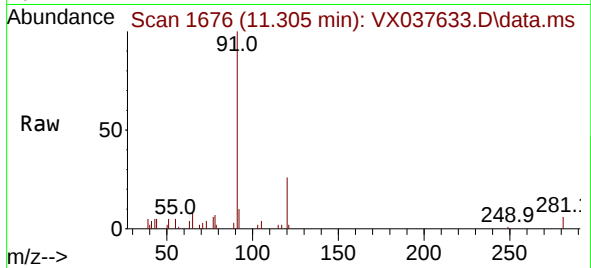
Tgt Ion:152 Resp: 99031
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 155.7 0.0 345.0





#78
n-propylbenzene
Concen: 0.620 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

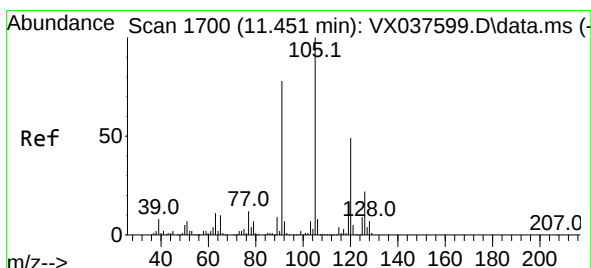
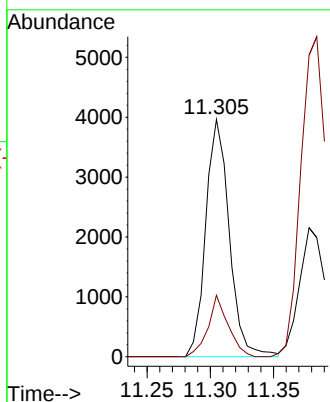
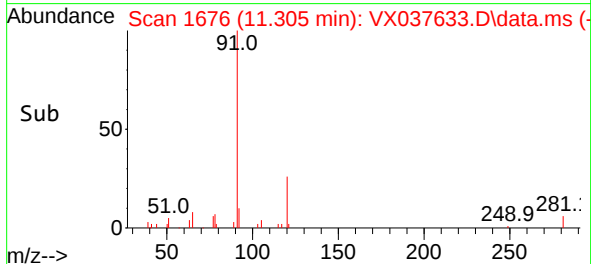
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



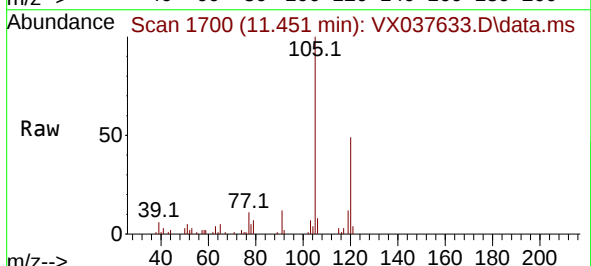
Tgt Ion: 91 Resp: 5120
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4

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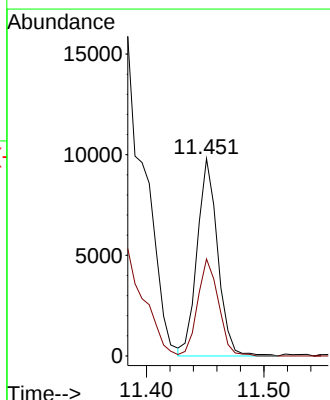
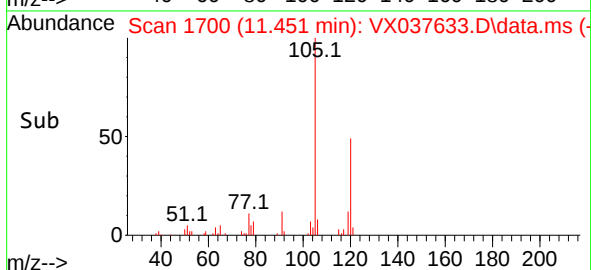
Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

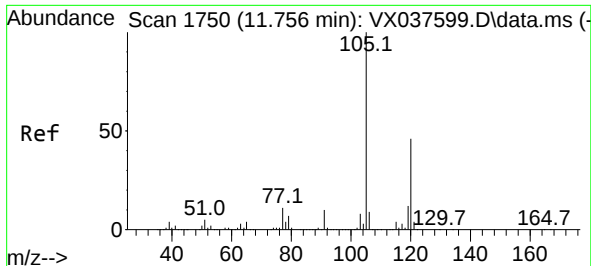


#80
1,3,5-Trimethylbenzene
Concen: 1.887 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26



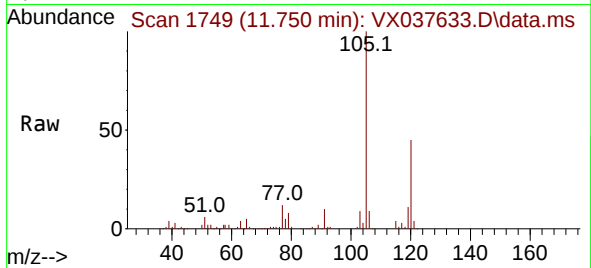
Tgt Ion:105 Resp: 11909
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.3





#84
1,2,4-Trimethylbenzene
Concen: 7.270 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26

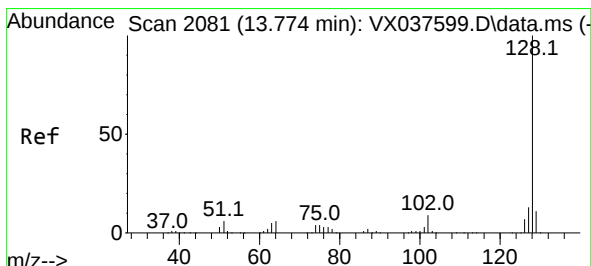
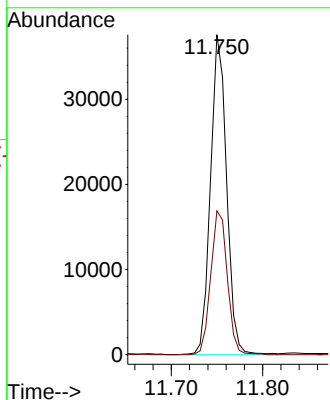
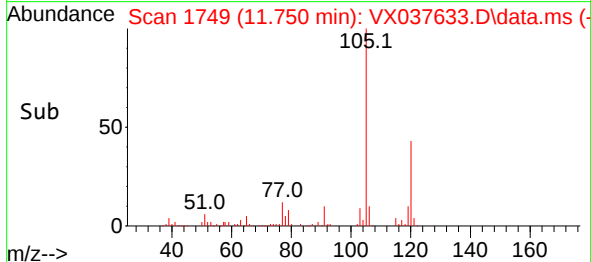
Instrument :
MSVOA_X
ClientSampleId :
713-G-DIP



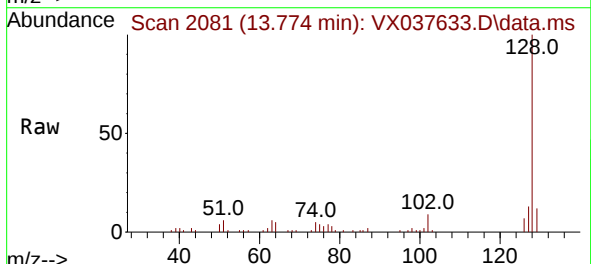
Tgt Ion:105 Resp: 45862
Ion Ratio Lower Upper
105 100
120 46.2 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#95
Naphthalene
Concen: 1.754 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037633.D
Acq: 09 Sep 2023 17:26



Tgt Ion:128 Resp: 12936
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.8 8.8 13.2

