

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038711.D
 Acq On : 10 Nov 2023 07:44
 Operator : JC/MD
 Sample : 05331-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Nov 10 16:43:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	276690	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	460338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	289110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	160394	46.563	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.385	113	149945	45.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.460%		
50) Toluene-d8	8.647	98	556124	46.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.740%		
62) 4-Bromofluorobenzene	11.079	95	244300	53.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.220%		
Target Compounds						
						Qvalue
29) Tetrahydrofuran	5.025	42	2637	2.017	ug/l	# 86
31) Cyclohexane	5.470	56	2104	0.552	ug/l	# 85
39) Methylcyclohexane	7.373	83	4611m	0.895	ug/l	
40) Benzene	6.037	78	2791	0.235	ug/l	97
44) Trichloroethene	7.129	130	1569	0.425	ug/l	84
52) Toluene	8.726	92	2711	0.349	ug/l	97
67) Ethyl Benzene	10.195	91	58309	3.471	ug/l	99
68) m/p-Xylenes	10.299	106	112309	16.846	ug/l	97
69) o-Xylene	10.640	106	58187	8.975	ug/l	99
73) Isopropylbenzene	10.963	105	5115	0.288	ug/l	97
78) n-propylbenzene	11.305	91	9490	0.460	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26249	1.720	ug/l	98
83) tert-Butylbenzene	11.713	119	4911	0.317	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	110406	7.292	ug/l	95
85) sec-Butylbenzene	11.890	105	13050	0.676	ug/l	# 57
95) Naphthalene	13.774	128	70083	3.574	ug/l	# 88

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

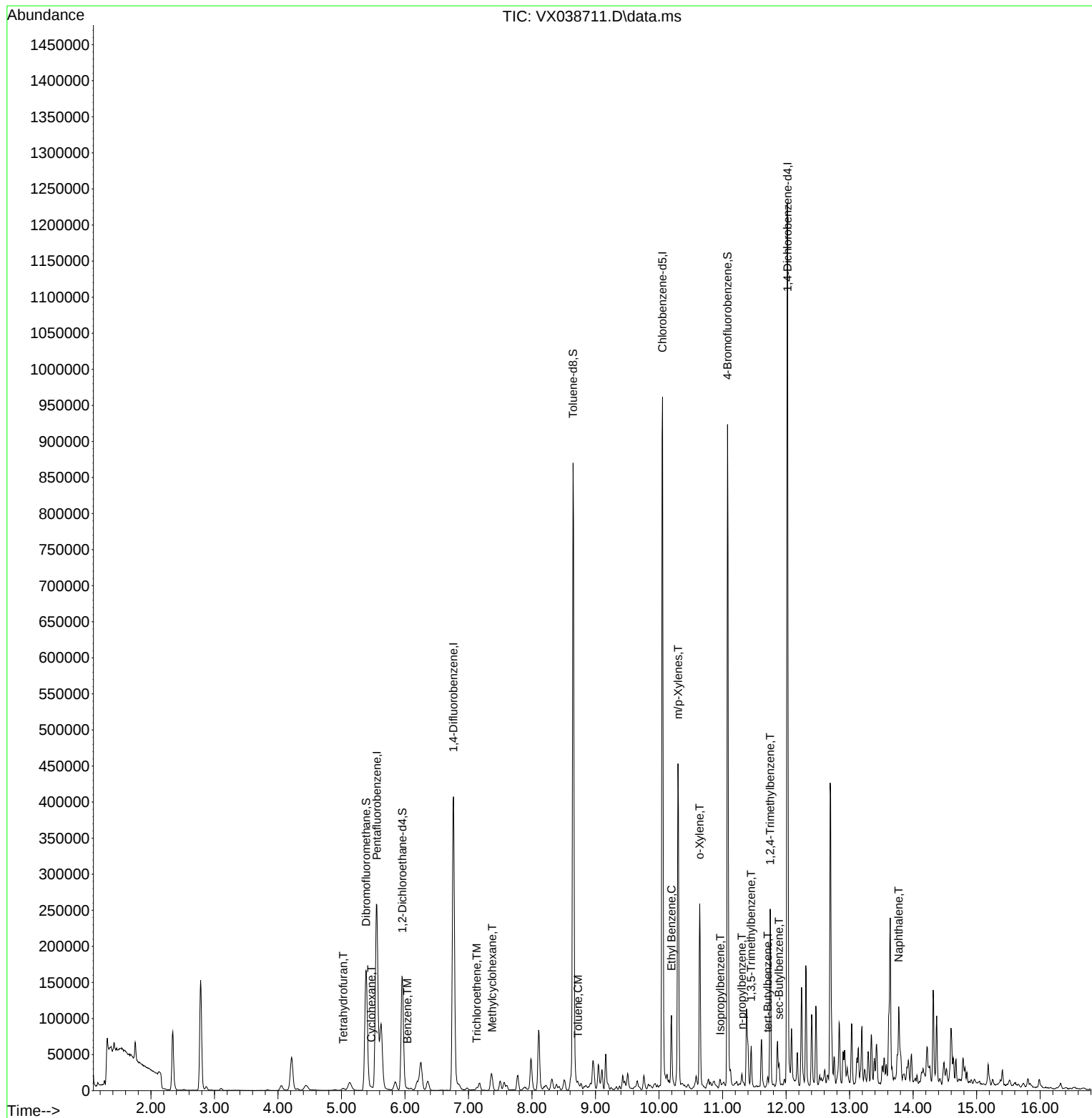
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
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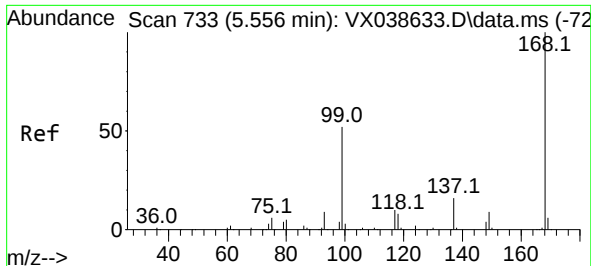
Instrument :
MSVOA_X
ClientSampleId :
MW-10

Quant Time: Nov 10 16:43:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
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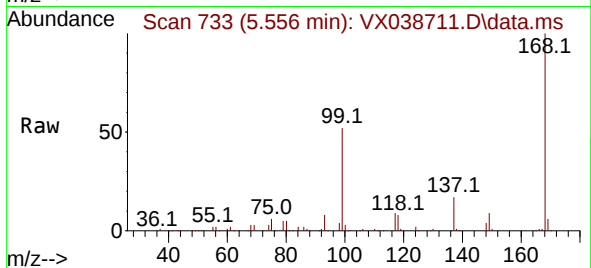
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

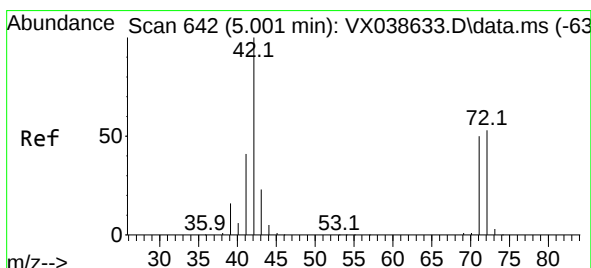
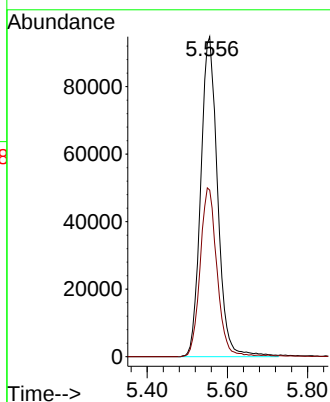
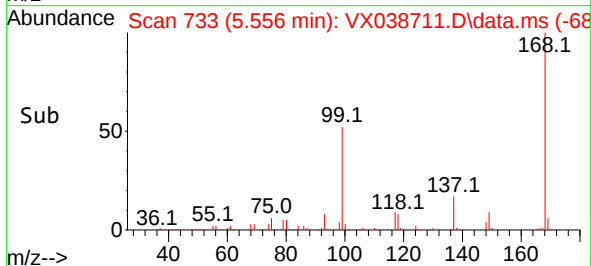
Instrument :
MSVOA_X
Client Sample Id :
MW-10



Tgt Ion: 168 Resp: 276690
Ion Ratio Lower Upper
168 100
99 52.1 56.6 85.0

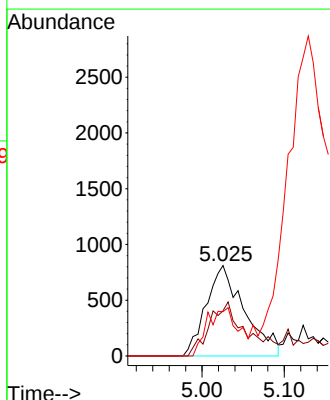
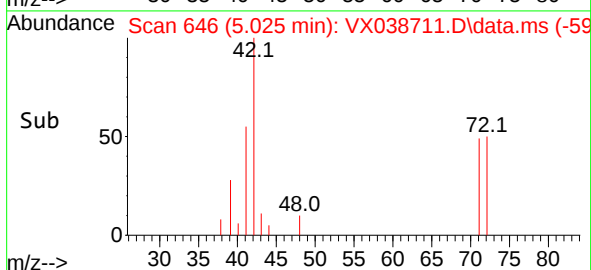
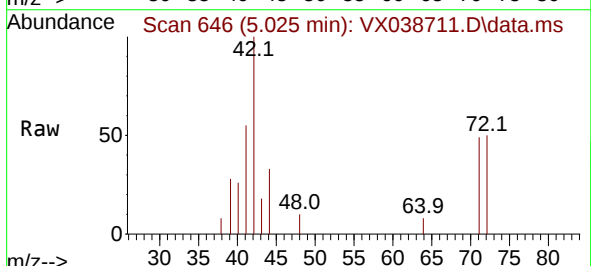
Manual Integrations
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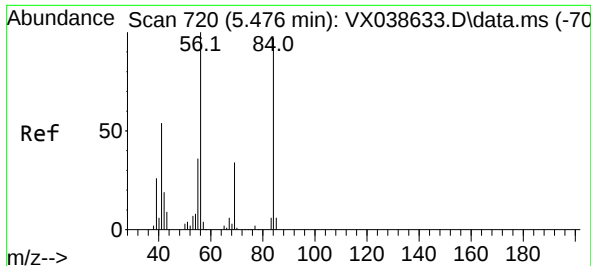
Reviewed By : John Carlone 11/13/2023
Supervised By : Mahesh Dadoda 11/13/2023



#29
Tetrahydrofuran
Concen: 2.017 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.025 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

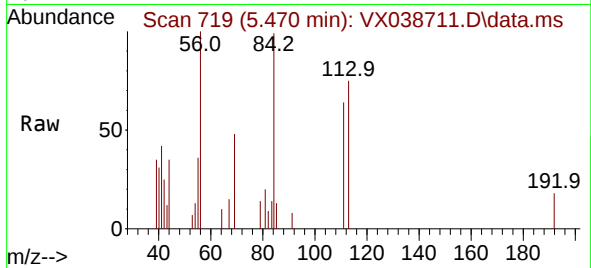
Tgt Ion: 42 Resp: 2637
Ion Ratio Lower Upper
42 100
72 57.3 34.2 51.4#
71 42.9 32.2 48.2





#31
Cyclohexane
Concen: 0.552 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

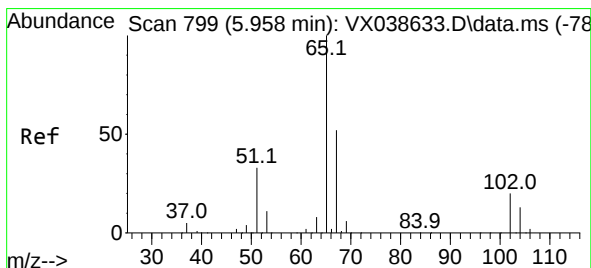
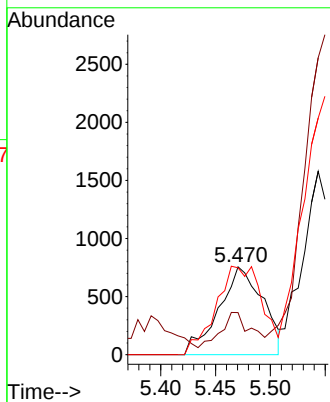
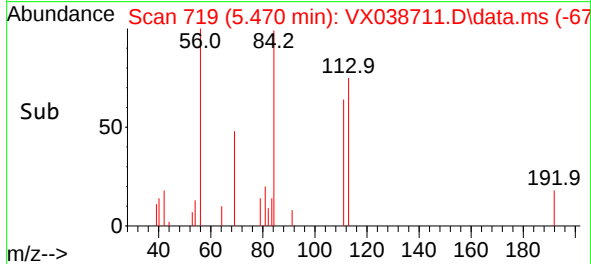
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
69 26.5 23.4 35.2
84 98.9 65.9 98.9

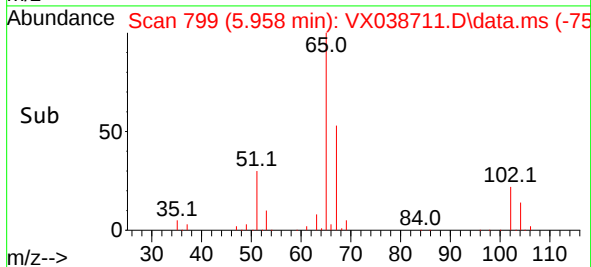
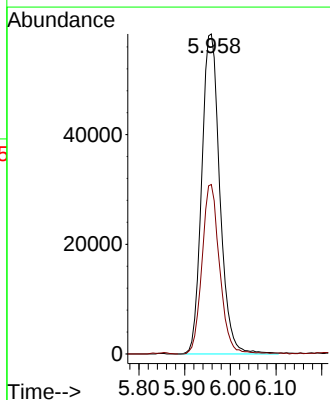
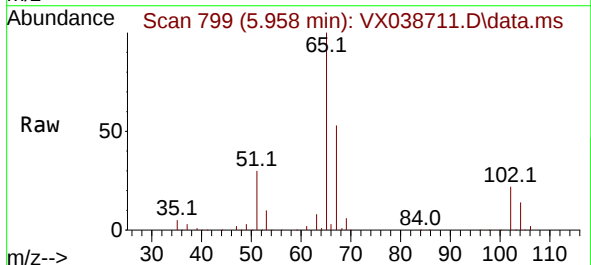
Manual Integrations
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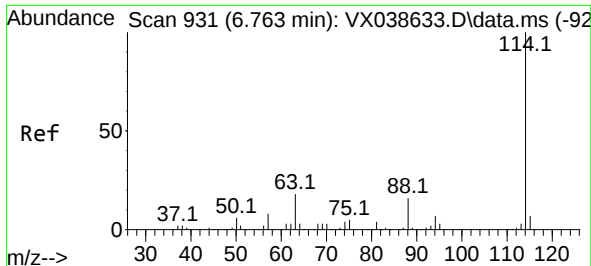
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#33
1,2-Dichloroethane-d4
Concen: 46.563 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Tgt Ion: 65 Resp: 160394
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





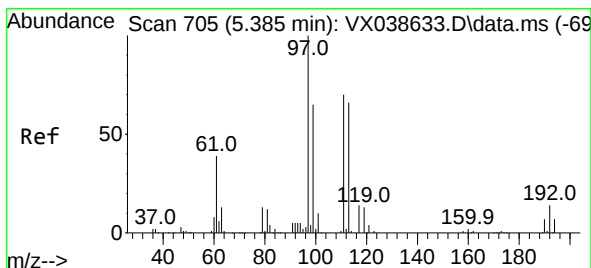
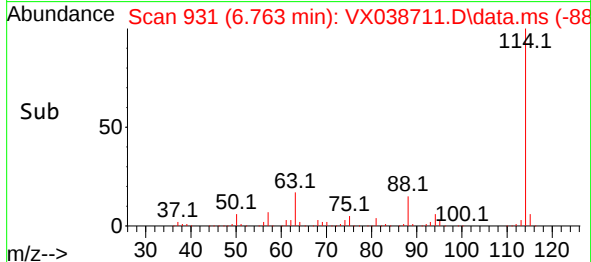
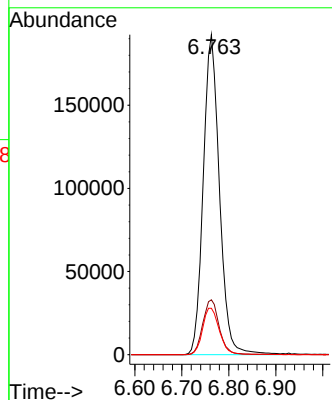
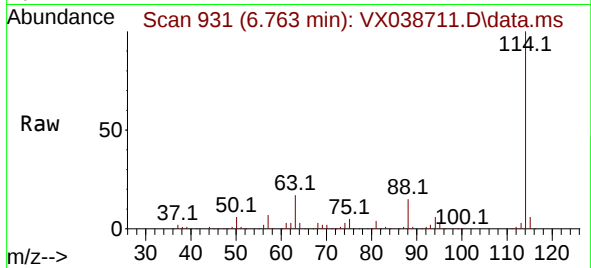
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:114 Resp: 460338
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 14.5 0.0 36.6

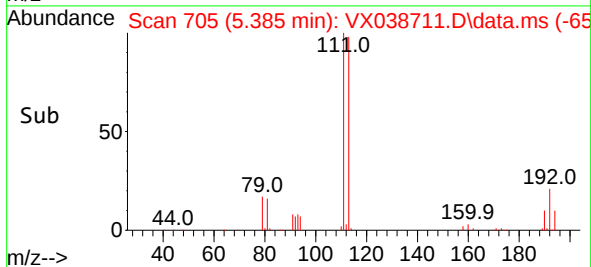
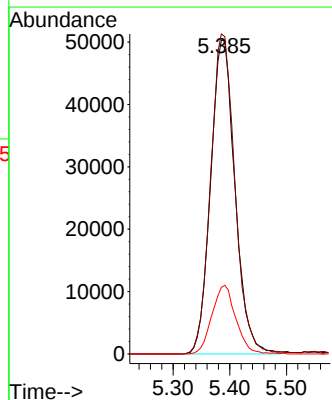
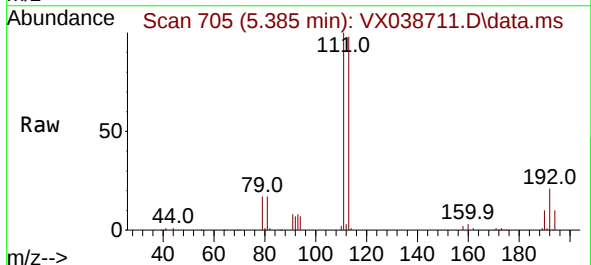
Manual Integrations
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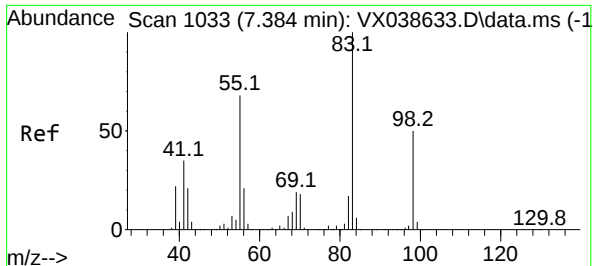
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#35
Dibromofluoromethane
Concen: 45.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

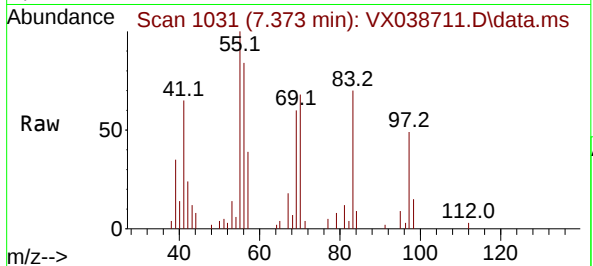
Tgt Ion:113 Resp: 149945
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 21.5 13.3 19.9#





#39
Methylcyclohexane
Concen: 0.895 ug/l m
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

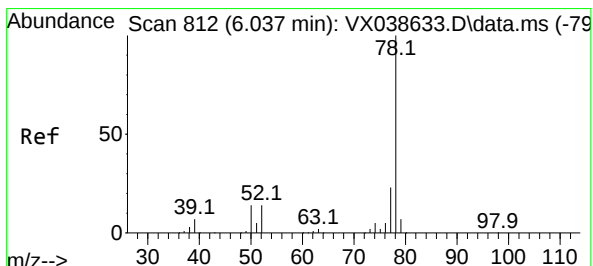
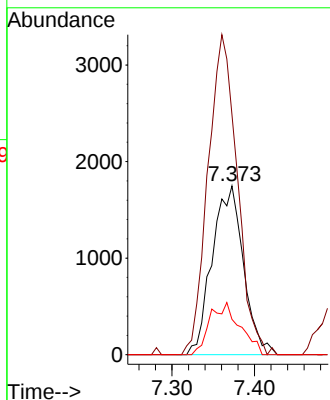
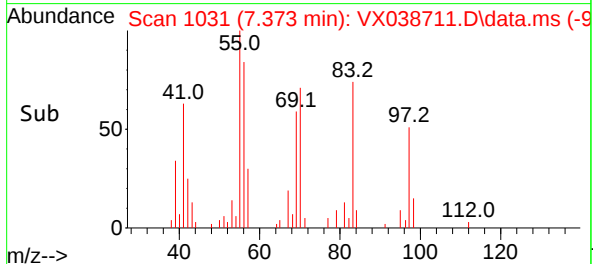
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 83 Resp: 461
Ion Ratio Lower Upper
83 100
55 142.2 64.6 97.0
98 21.0 36.7 55.1

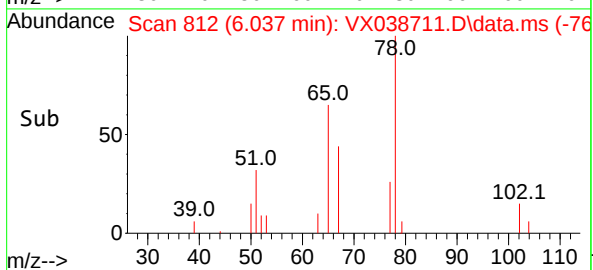
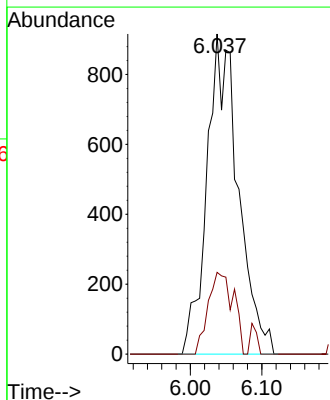
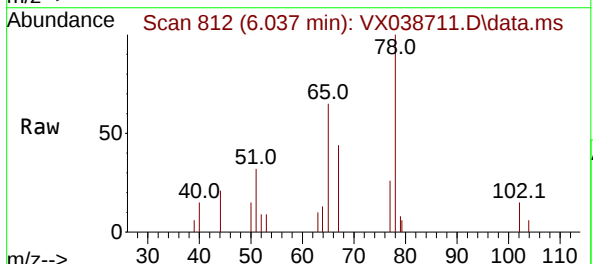
Manual Integrations
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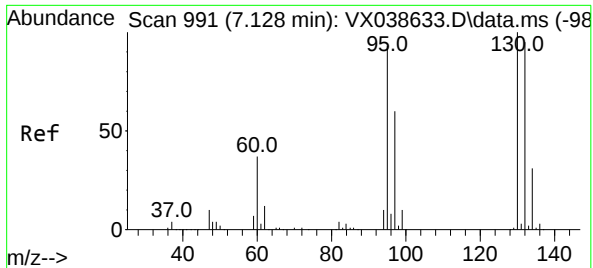
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#40
Benzene
Concen: 0.235 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

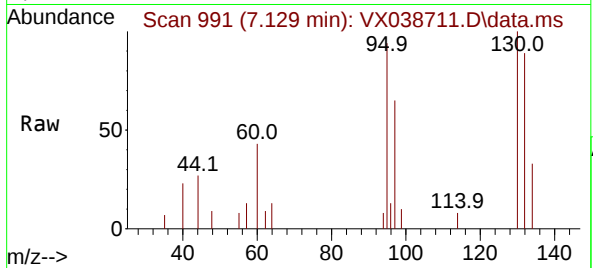
Tgt Ion: 78 Resp: 2791
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9





#44
Trichloroethene
Concen: 0.425 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

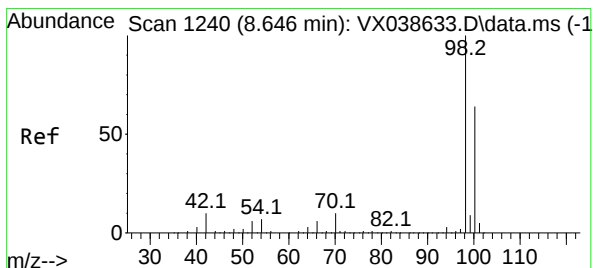
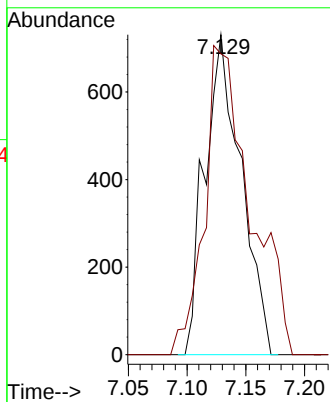
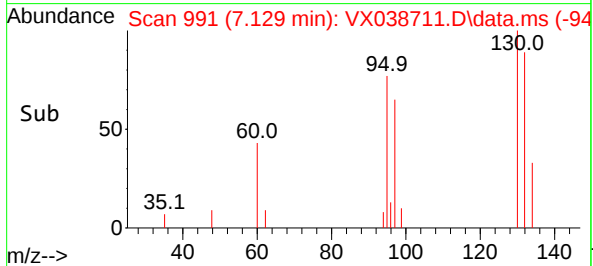
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:130 Resp: 1569
Ion Ratio Lower Upper
130 100
95 86.2 0.0 204.4

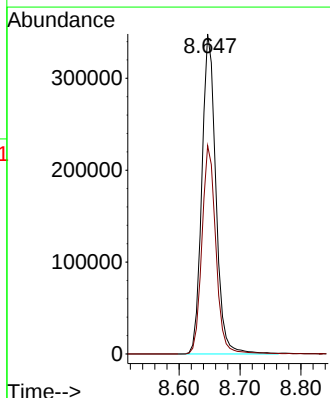
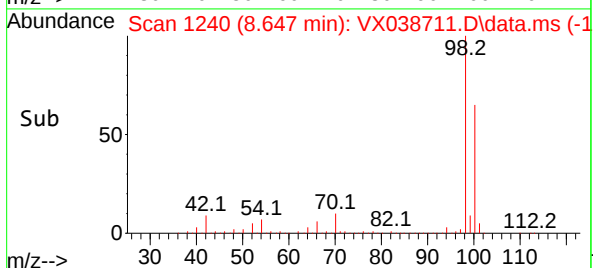
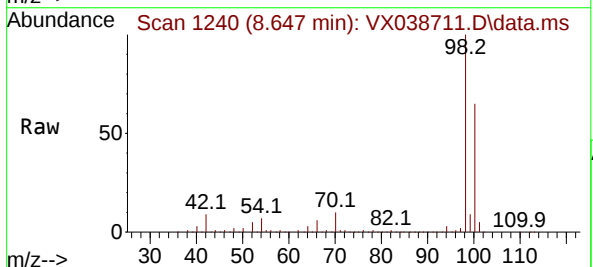
Manual Integrations
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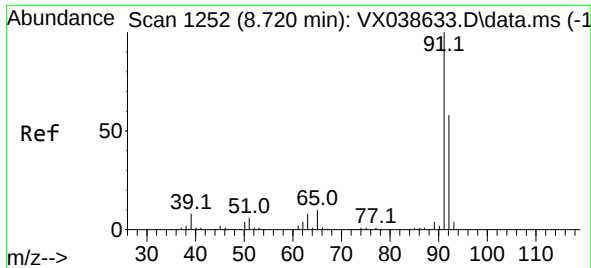
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 46.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Tgt Ion: 98 Resp: 556124
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7





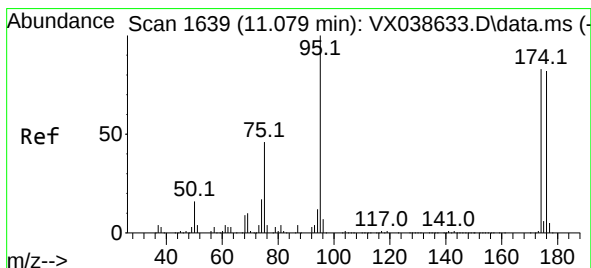
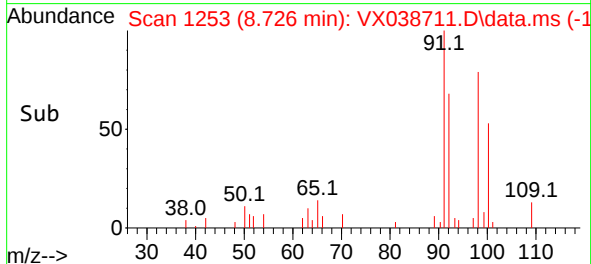
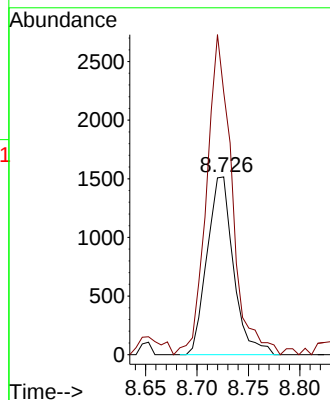
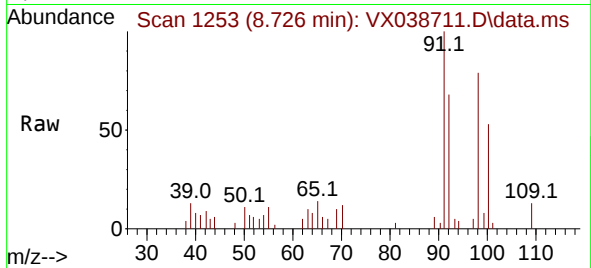
#52
Toluene
Concen: 0.349 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 92 Resp: 271
Ion Ratio Lower Upper
92 100
91 171.9 134.2 201.2

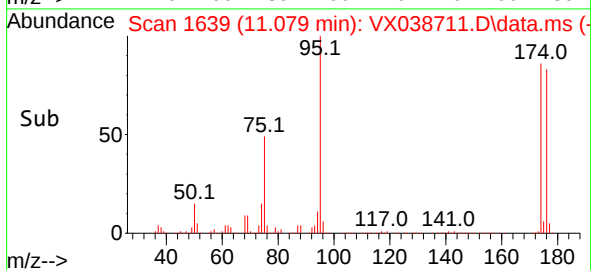
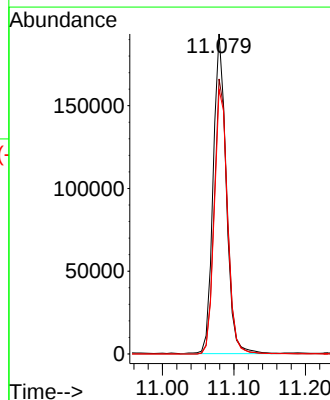
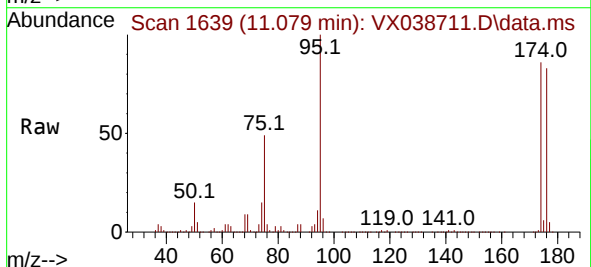
Manual Integrations
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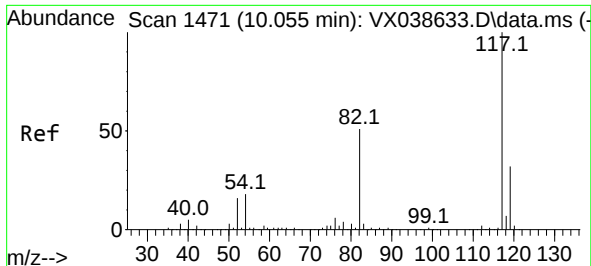
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#62
4-Bromofluorobenzene
Concen: 53.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Tgt Ion: 95 Resp: 244300
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 84.1 0.0 131.0





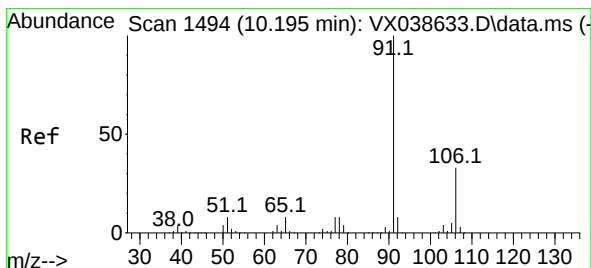
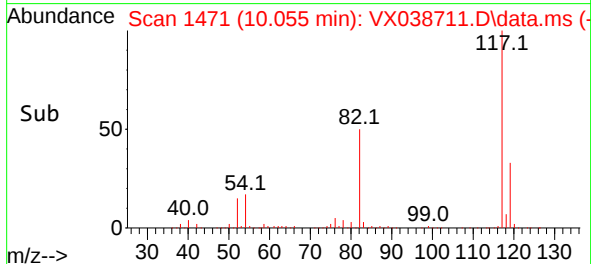
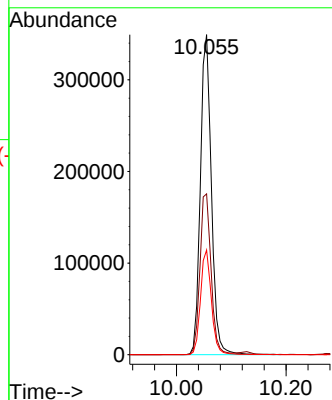
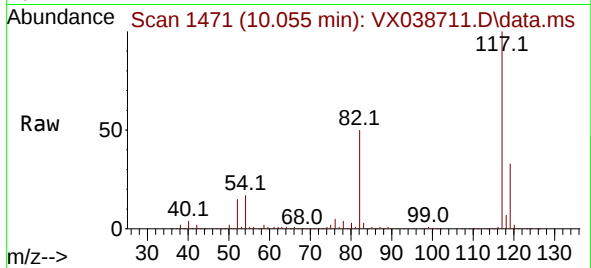
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:117 Resp: 48782
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.7 25.5 38.3

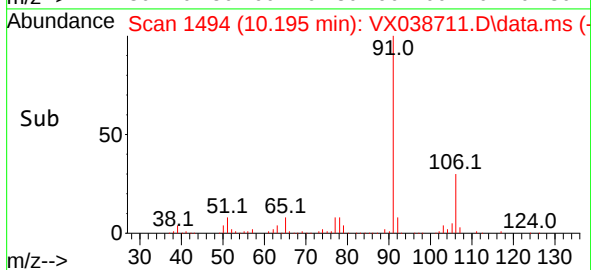
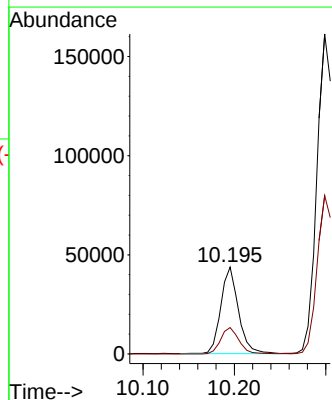
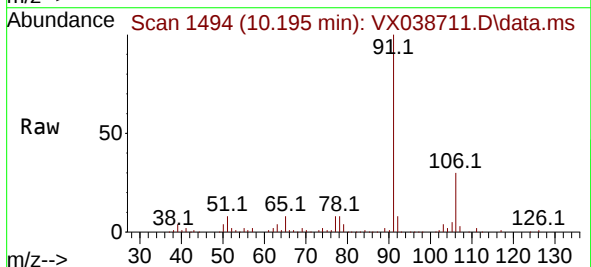
Manual Integrations
APPROVED

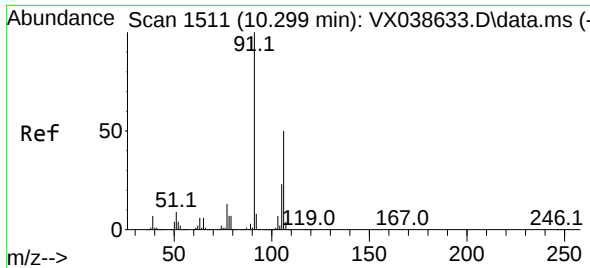
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#67
Ethyl Benzene
Concen: 3.471 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

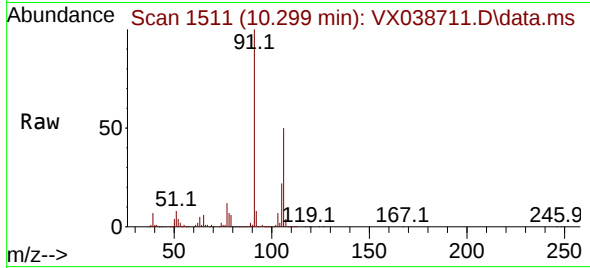
Tgt Ion: 91 Resp: 58309
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





#68
m/p-Xylenes
Concen: 16.846 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

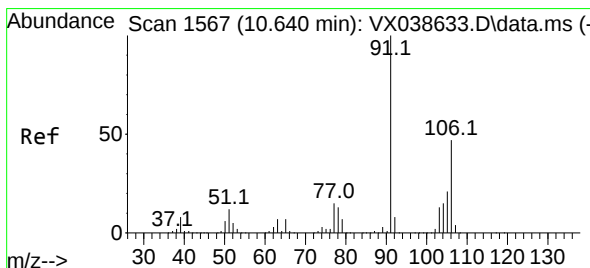
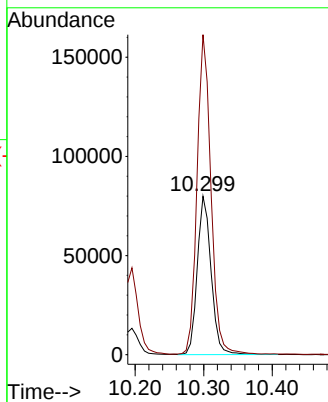
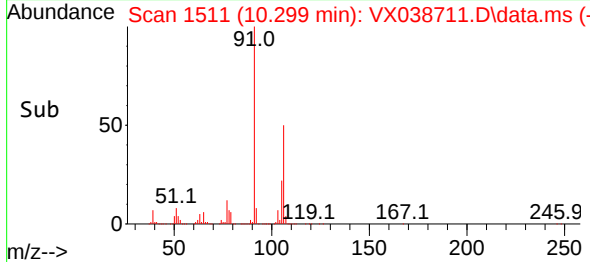
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:106 Resp: 112309
Ion Ratio Lower Upper
106 100
91 202.5 165.5 248.3

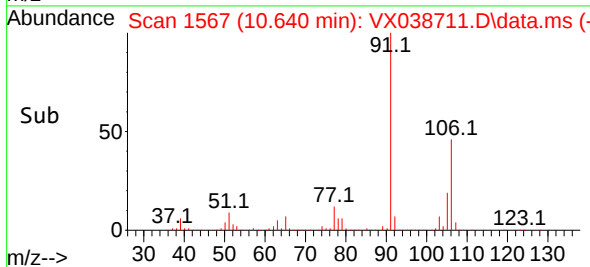
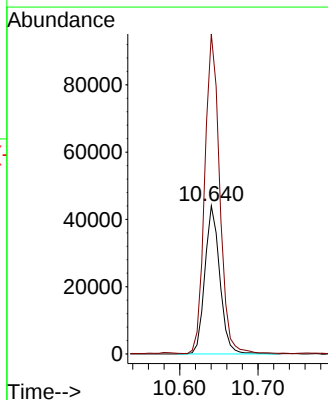
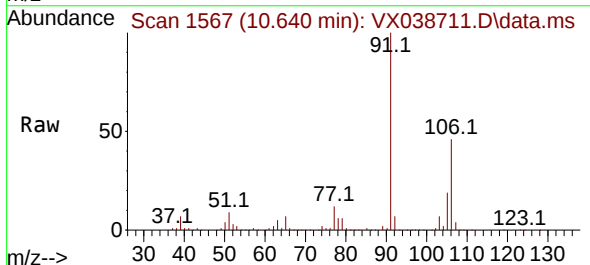
Manual Integrations
APPROVED

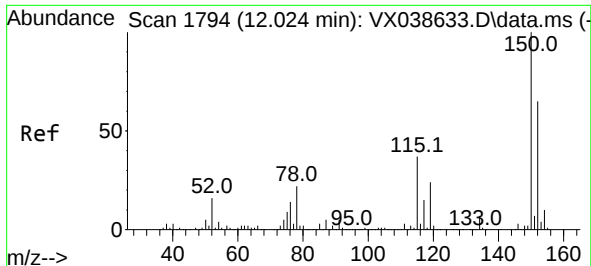
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#69
o-Xylene
Concen: 8.975 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

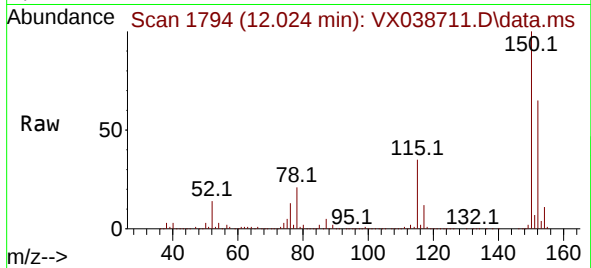
Tgt Ion:106 Resp: 58187
Ion Ratio Lower Upper
106 100
91 216.1 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

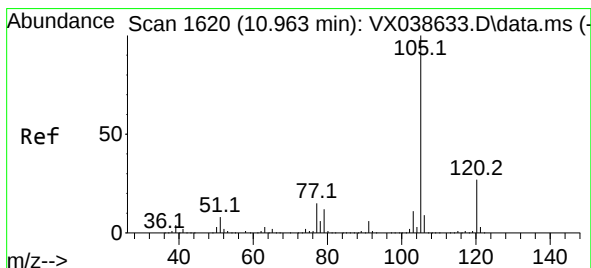
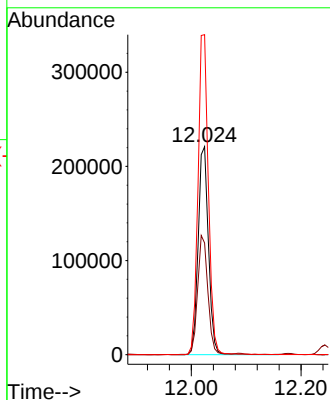
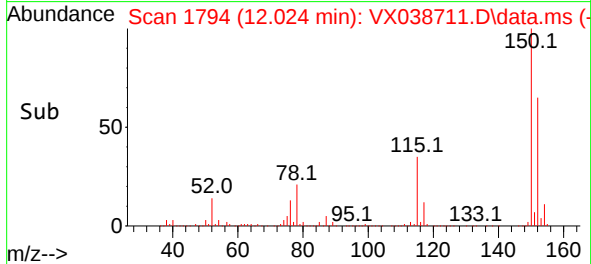
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion:152 Resp: 289110
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.9
150 154.9 0.0 345.0

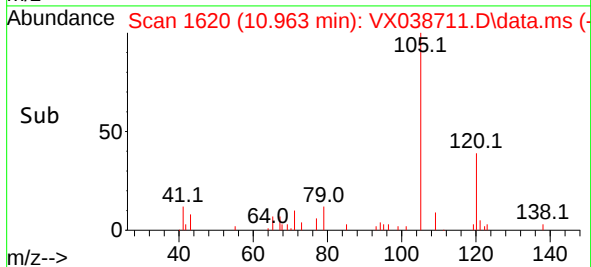
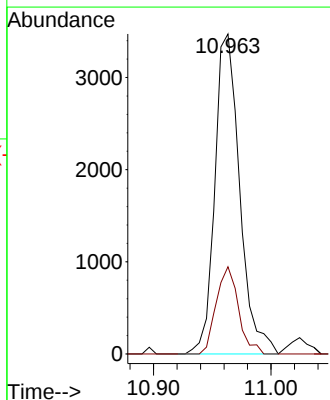
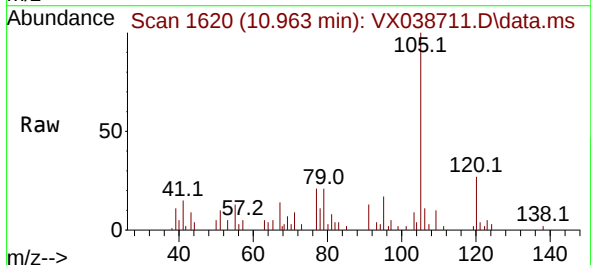
Manual Integrations
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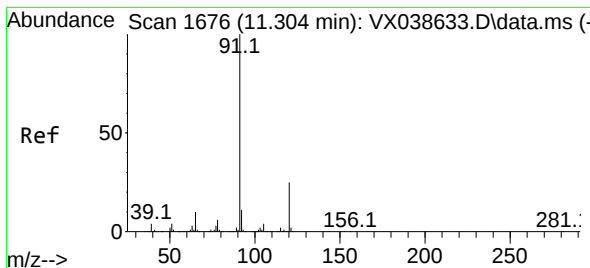
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#73
Isopropylbenzene
Concen: 0.288 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

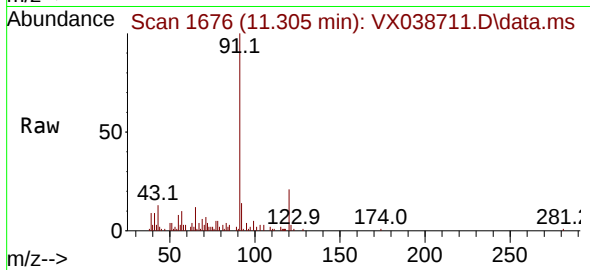
Tgt Ion:105 Resp: 5115
Ion Ratio Lower Upper
105 100
120 24.3 12.9 38.6





#78
n-propylbenzene
Concen: 0.460 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

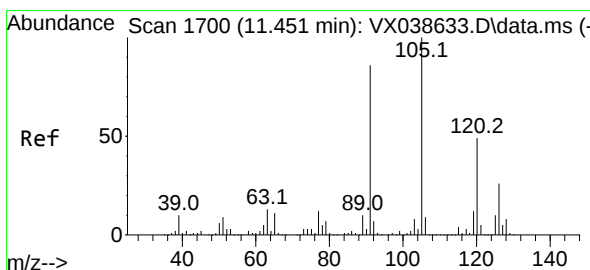
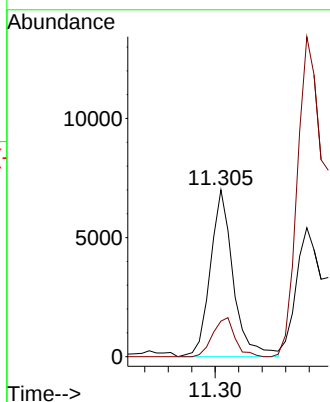
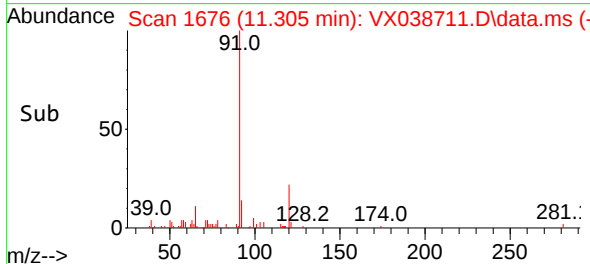
Instrument :
MSVOA_X
ClientSampleId :
MW-10



Tgt Ion: 91 Resp: 9490
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

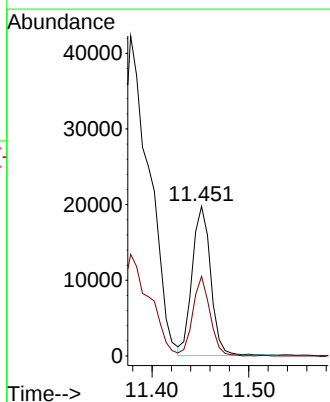
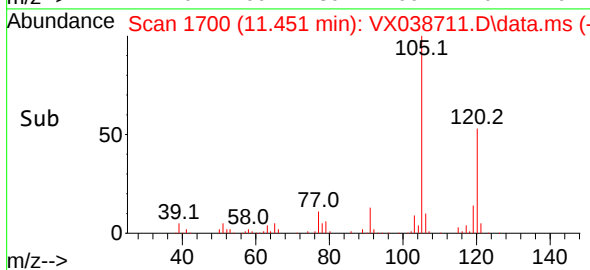
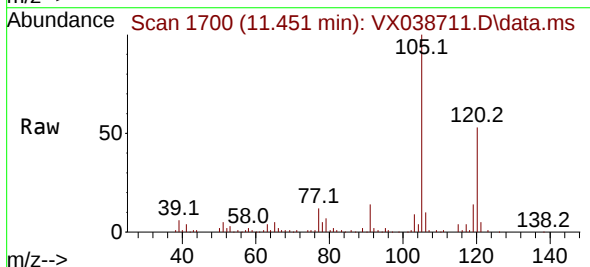
Manual Integrations
APPROVED

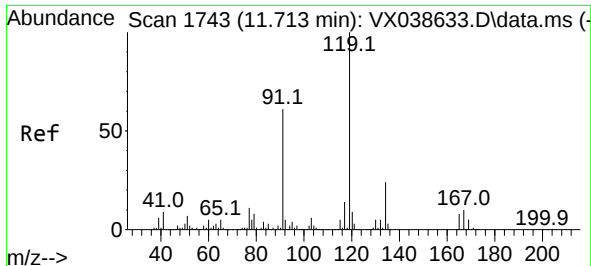
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 1.720 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

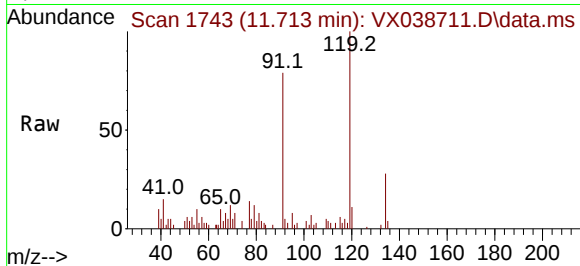
Tgt Ion:105 Resp: 26249
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3





#83
tert-Butylbenzene
Concen: 0.317 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44

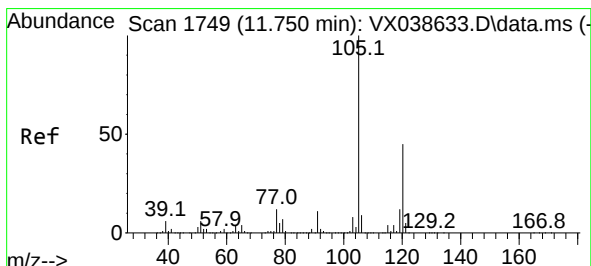
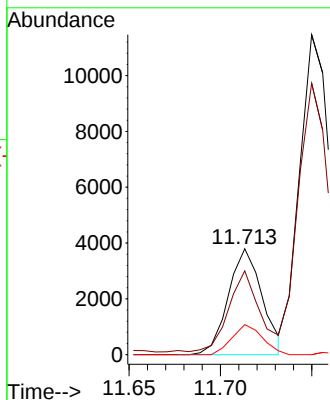
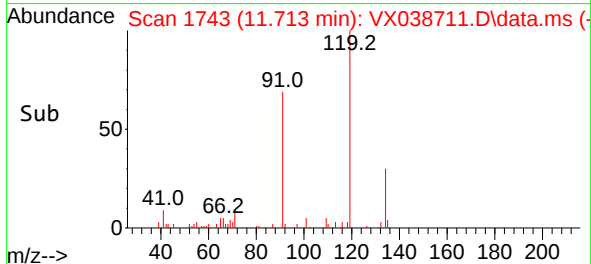
Instrument :
MSVOA_X
ClientSampleId :
MW-10



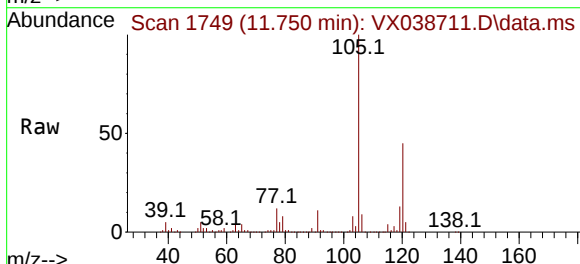
Tgt Ion:119 Resp: 491
Ion Ratio Lower Upper
119 100
91 70.8 31.2 93.6
134 25.5 11.7 35.0

Manual Integrations
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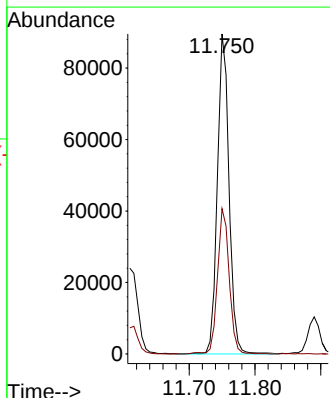
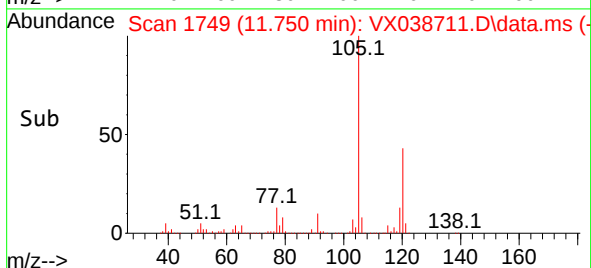
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

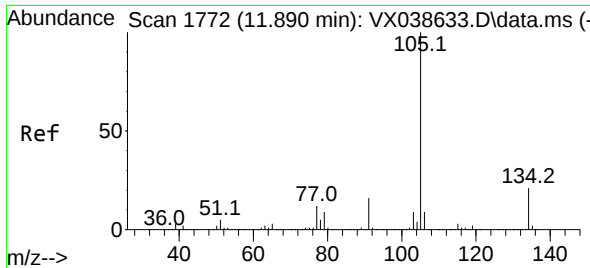


#84
1,2,4-Trimethylbenzene
Concen: 7.292 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038711.D
Acq: 10 Nov 2023 07:44



Tgt Ion:105 Resp: 110406
Ion Ratio Lower Upper
105 100
120 45.8 21.2 63.6





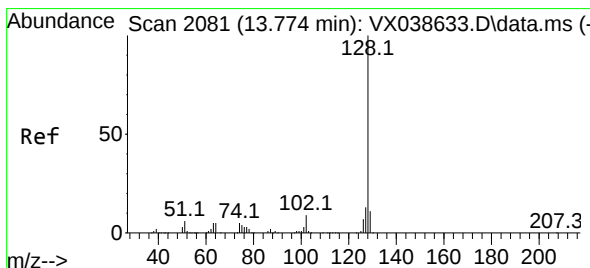
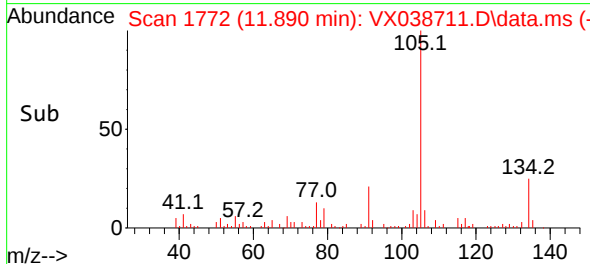
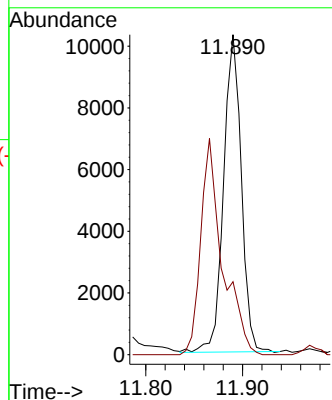
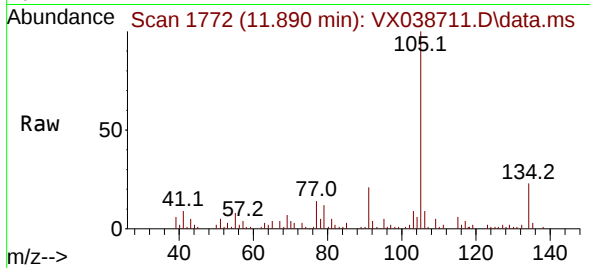
#85
 sec-Butylbenzene
 Concen: 0.676 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VX038711.D
 Acq: 10 Nov 2023 07:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Tgt Ion:105 Resp: 13050
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#95
 Naphthalene
 Concen: 3.574 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX038711.D
 Acq: 10 Nov 2023 07:44

Tgt Ion:128 Resp: 70083
 Ion Ratio Lower Upper
 128 100
 127 15.3 10.3 15.5
 129 18.1 8.8 13.2

